

SYRCLE's risk of bias tool for animal studies

BMC Medical Research Methodology

14, 43

DOI: [10.1186/1471-2288-14-43](https://doi.org/10.1186/1471-2288-14-43)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantifying the Behavioural Relevance of Hippocampal Neurogenesis. PLoS ONE, 2014, 9, e113855.	1.1	18
2	Systematic Reviews of Preclinical Animal Studies can Make Significant Contributions to Health Care and More Transparent Translational Medicine. , 2014, , ED000078.		60
3	Meta-Analyses of Animal Studies: An Introduction of a Valuable Instrument to Further Improve Healthcare. ILAR Journal, 2014, 55, 418-426.	1.8	138
4	The Usefulness of Systematic Reviews of Animal Experiments for the Design of Preclinical and Clinical Studies. ILAR Journal, 2014, 55, 427-437.	1.8	124
5	Bridging the gap between academic research and regulatory health risk assessment of Endocrine Disrupting Chemicals. Current Opinion in Pharmacology, 2014, 19, 99-104.	1.7	21
6	Cardiac stem cell treatment in myocardial infarction: protocol for a systematic review and meta-analysis of preclinical studies. Evidence-based Preclinical Medicine, 2015, 2, 10-15.	0.9	3
7	Mandibular distraction osteogenesis assisted by cell-based tissue engineering: a systematic review. Orthodontics and Craniofacial Research, 2015, 18, 39-49.	1.2	23
8	A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies. Evidence-based Preclinical Medicine, 2015, 2, 1-9.	0.9	192
9	Effect of propofol and remifentanyl on cerebral perfusion and oxygenation in pigs: a systematic review. Acta Veterinaria Scandinavica, 2015, 58, 42.	0.5	12
10	A combined pre-clinical meta-analysis and randomized confirmatory trial approach to improve data validity for therapeutic target validation. Scientific Reports, 2015, 5, 13428.	1.6	30
11	The impact of ginsenosides on cognitive deficits in experimental animal studies of Alzheimer's disease: a systematic review. BMC Complementary and Alternative Medicine, 2015, 15, 386.	3.7	25
12	Protocol for a systematic review of the impact of resuscitation fluids on the microcirculation after haemorrhagic shock in animal models. Systematic Reviews, 2015, 4, 135.	2.5	7
13	Pre-clinical evaluation of therapies to prevent or treat bone non-union: a systematic review protocol. Systematic Reviews, 2015, 4, 161.	2.5	2
14	Repurposed therapeutic agents targeting the Ebola virus: a protocol for a systematic review. Systematic Reviews, 2015, 4, 171.	2.5	1
15	Systematic review of experimental studies on intestinal anastomosis. British Journal of Surgery, 2015, 102, 726-734.	0.1	39
16	A systematic review and meta-analysis of the ability of analgesic drugs to reduce metastasis in experimental cancer models. Pain, 2015, 156, 1835-1844.	2.0	36
17	Can Systematic Reviews Inform GMO Risk Assessment and Risk Management?. Frontiers in Bioengineering and Biotechnology, 2015, 3, 113.	2.0	12
18	Effect of Ghrelin on Mortality and Cardiovascular Outcomes in Experimental Rat and Mice Models of Heart Failure: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0126697.	1.1	30

#	ARTICLE	IF	CITATIONS
19	Anti-Tumor Effects of Metformin in Animal Models of Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0127967.	1.1	32
20	Drug delivery systems for ovarian cancer treatment: a systematic review and meta-analysis of animal studies. PeerJ, 2015, 3, e1489.	0.9	25
21	Cell-Based Approaches in Periodontal Regeneration: A Systematic Review and Meta-Analysis of Periodontal Defect Models in Animal Experimental Work. Tissue Engineering - Part B: Reviews, 2015, 21, 411-426.	2.5	52
22	Systemic inflammation and microglial activation: systematic review of animal experiments. Journal of Neuroinflammation, 2015, 12, 114.	3.1	654
23	The Future of Preclinical Animal Models in Pharmaceutical Discovery and Development. Toxicologic Pathology, 2015, 43, 70-77.	0.9	39
24	The methodological quality assessment tools for preclinical and clinical studies, systematic review and meta-analysis, and clinical practice guideline: a systematic review. Journal of Evidence-Based Medicine, 2015, 8, 2-10.	2.4	1,366
25	The impact of vitamin D on fetal and neonatal lung maturation. A systematic review. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L587-L602.	1.3	104
26	Stem Cell Transplantation for Pulpal Regeneration: A Systematic Review. Tissue Engineering - Part B: Reviews, 2015, 21, 451-460.	2.5	34
27	Pharmacological and methodological aspects of the separation-induced vocalization test in guinea pig pups; a systematic review and meta-analysis. European Journal of Pharmacology, 2015, 753, 191-208.	1.7	15
28	The protective effect of meniscus allograft transplantation on articular cartilage: a systematic review of animal studies. Osteoarthritis and Cartilage, 2015, 23, 1242-1253.	0.6	34
29	Animal research as a basis for clinical trials. European Journal of Oral Sciences, 2015, 123, 61-64.	0.7	21
30	Evaluating mesenchymal stem cell therapy for sepsis with preclinical meta-analyses prior to initiating a first-in-human trial. ELife, 2016, 5, .	2.8	73
31	Impact of 2, 3, 5, 4-ethyl-tetrahydroxystilbene-2-O-β-D-glucoside on cognitive deficits in animal models of Alzheimer's disease: a systematic review. BMC Complementary and Alternative Medicine, 2016, 16, 320.	3.7	14
32	Preclinical Evidence for the Efficacy of Ischemic Postconditioning against Renal Ischemia-Reperfusion Injury, a Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0150863.	1.1	24
33	Anti-Tumor Effects of Ketogenic Diets in Mice: A Meta-Analysis. PLoS ONE, 2016, 11, e0155050.	1.1	97
34	Efficacy of Soiled Bedding Transfer for Transmission of Mouse and Rat Infections to Sentinels: A Systematic Review. PLoS ONE, 2016, 11, e0158410.	1.1	23
35	Renal Perfusion and Function during Pneumoperitoneum: A Systematic Review and Meta-Analysis of Animal Studies. PLoS ONE, 2016, 11, e0163419.	1.1	28
36	Efficacy of Anti-VEGF/VEGFR Agents on Animal Models of Endometriosis: A Systematic Review and Meta-Analysis. PLoS ONE, 2016, 11, e0166658.	1.1	40

#	ARTICLE	IF	CITATIONS
37	The Effects of High Insertion Torque Versus Low Insertion Torque on Marginal Bone Resorption and Implant Failure Rates. <i>Implant Dentistry</i> , 2016, 25, 532-540.	1.7	37
38	Searching For the Optimal Fluid to Restore Microcirculatory Flow Dynamics After Haemorrhagic Shock. <i>Shock</i> , 2016, 46, 609-622.	1.0	32
39	The involvement of regulatory non-coding RNAs in sepsis: a systematic review. <i>Critical Care</i> , 2016, 20, 383.	2.5	79
40	Study sensitivity: Evaluating the ability to detect effects in systematic reviews of chemical exposures. <i>Environment International</i> , 2016, 92-93, 605-610.	4.8	24
41	Biosimilars for the Treatment of Chronic Inflammatory Diseases: A Systematic Review of Published Evidence. <i>BioDrugs</i> , 2016, 30, 525-570.	2.2	43
42	Effect of Intermittent versus Chronic Calorie Restriction on Tumor Incidence: A Systematic Review and Meta-Analysis of Animal Studies. <i>Scientific Reports</i> , 2016, 6, 33739.	1.6	27
43	Medicinal plants and natural molecules with in vitro and in vivo activity against rotavirus: A systematic review. <i>Phytomedicine</i> , 2016, 23, 1830-1842.	2.3	30
44	Monoclonal Antibody and Fusion Protein Biosimilars Across Therapeutic Areas: A Systematic Review of Published Evidence. <i>BioDrugs</i> , 2016, 30, 489-523.	2.2	32
45	Medicinal plants and natural compounds in the treatment of experimental endometriosis: A systematic review protocol. <i>Evidence-based Preclinical Medicine</i> , 2016, 3, 1-6.	0.9	4
46	Bone mass improved effect of icariin for postmenopausal osteoporosis in ovariectomy-induced rats: a meta-analysis and systematic review. <i>Menopause</i> , 2016, 23, 1152-1157.	0.8	27
47	Maximizing kidneys for transplantation using machine perfusion. <i>Medicine (United States)</i> , 2016, 95, e5083.	0.4	61
48	Antiepileptic drugsâ€™ tolerability and safety â€“ a systematic review and meta-analysis of adverse effects in dogs. <i>BMC Veterinary Research</i> , 2016, 12, 79.	0.7	64
49	lbogaine and addiction in the animal model, a systematic review and meta-analysis. <i>Translational Psychiatry</i> , 2016, 6, e826-e826.	2.4	42
50	Guidance on assessing the methodological and reporting quality of toxicologically relevant studies: A scoping review. <i>Environment International</i> , 2016, 92-93, 630-646.	4.8	58
51	Effects of experimental sleep deprivation on anxiety-like behavior in animal research: Systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 575-589.	2.9	59
52	GRADE: Assessing the quality of evidence in environmental and occupational health. <i>Environment International</i> , 2016, 92-93, 611-616.	4.8	194
53	Understanding auditory neuropathy spectrum disorder: a systematic review in transgenic mouse models. <i>Science China Life Sciences</i> , 2016, 59, 480-486.	2.3	2
54	Implementing systematic review techniques in chemical risk assessment: Challenges, opportunities and recommendations. <i>Environment International</i> , 2016, 92-93, 556-564.	4.8	67

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55	Irreproducibility in Preclinical Biomedical Research: Perceptions, Uncertainties, and Knowledge Gaps. Trends in Pharmacological Sciences, 2016, 37, 290-302.	4.0	95
56	Neuroprotective Effect of Natural Products on Peripheral Nerve Degeneration: A Systematic Review. Neurochemical Research, 2016, 41, 647-658.	1.6	29
57	The use of GRADE approach in systematic reviews of animal studies. Journal of Evidence-Based Medicine, 2016, 9, 98-104.	2.4	40
58	Cardiac Stem Cell Treatment in Myocardial Infarction. Circulation Research, 2016, 118, 1223-1232.	2.0	138
59	Potential variables affecting the quality of animal studies regarding pathophysiology of traumatic spinal cord injuries. Spinal Cord, 2016, 54, 579-583.	0.9	29
60	Maternal folate status and obesity/insulin resistance in the offspring: a systematic review. International Journal of Obesity, 2016, 40, 1-9.	1.6	24
61	The risk of bias of animal experiments in implant dentistry: a methodological study. Clinical Oral Implants Research, 2017, 28, e39-e45.	1.9	9
62	Melatonin as a pro-osteogenic agent in oral implantology: a systematic review of histomorphometric outcomes in animals and quality evaluation using <scp>ARRIVE</scp> guidelines. Journal of Periodontal Research, 2017, 52, 151-161.	1.4	13
63	<i>In vivo</i> and <i>in vitro</i> effects of curcumin on head and neck carcinoma: a systematic review. Journal of Oral Pathology and Medicine, 2017, 46, 3-20.	1.4	41
64	Biosimilars for the Treatment of Cancer: A Systematic Review of Published Evidence. BioDrugs, 2017, 31, 1-36.	2.2	36
65	Reproducibility Issues: Avoiding Pitfalls in Animal Inflammation Models. Methods in Molecular Biology, 2017, 1559, 1-17.	0.4	15
66	Exercise-induced effects on UCP1 expression in classical brown adipose tissue: a systematic review. Hormone Molecular Biology and Clinical Investigation, 2017, 31, .	0.3	20
67	Impact of hyperglycemia on the efficacy of chemotherapyâ€”A systematic review of preclinical studies. Critical Reviews in Oncology/Hematology, 2017, 113, 235-241.	2.0	35
68	A Role for Photobiomodulation in the Prevention of Myocardial Ischemic Reperfusion Injury: A Systematic Review and Potential Molecular Mechanisms. Scientific Reports, 2017, 7, 42386.	1.6	40
69	Effects of Ultraviolet Radiation on Glioma: Systematic Review. Journal of Cellular Biochemistry, 2017, 118, 4063-4071.	1.2	7
70	Cytokines in the management of rotavirus infection: A systematic review of in vivo studies. Cytokine, 2017, 96, 152-160.	1.4	27
71	Can the quality and clinical relevance of Equine Veterinary Journal publications be improved? A time for reflection and refinement. Equine Veterinary Journal, 2017, 49, 135-137.	0.9	3
72	A systematic review of discomfort due to toe or ear clipping in laboratory rodents. Laboratory Animals, 2017, 51, 583-600.	0.5	14

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73	Reliability of infarct volumetry: Its relevance and the improvement by a software-assisted approach. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3015-3026.	2.4	15
74	Occupational exposure limits for manufactured nanomaterials, a systematic review. <i>Nanotoxicology</i> , 2017, 11, 7-19.	1.6	64
75	Efficacy of Humanized Mesenchymal Stem Cell Cultures for Bone Tissue Engineering: A Systematic Review with a Focus on Platelet Derivatives. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 552-569.	2.5	31
76	Effects of early life stress on rodent hippocampal synaptic plasticity: a systematic review. <i>Current Opinion in Behavioral Sciences</i> , 2017, 14, 155-166.	2.0	9
77	A primer on systematic reviews in toxicology. <i>Archives of Toxicology</i> , 2017, 91, 2551-2575.	1.9	68
78	Hippocampal neurogenesis and pattern separation: A meta-analysis of behavioral data. <i>Hippocampus</i> , 2017, 27, 937-950.	0.9	50
79	Histological Evaluation of Bone Repair with Hydroxyapatite: A Systematic Review. <i>Calcified Tissue International</i> , 2017, 101, 341-354.	1.5	77
80	Methodological Rigor in Preclinical Cardiovascular Studies. <i>Circulation Research</i> , 2017, 120, 1916-1926.	2.0	118
81	Anticancer Properties of Solamargine: A Systematic Review. <i>Phytotherapy Research</i> , 2017, 31, 858-870.	2.8	46
82	Repurposed Therapeutic Agents Targeting the Ebola Virus: A Systematic Review. <i>Current Therapeutic Research</i> , 2017, 84, 10-21.	0.5	44
83	Prevention or Treatment of Ards With Aspirin. <i>Shock</i> , 2017, 47, 13-21.	1.0	67
84	Impact of a daily exercise dose on knee joint cartilage – a systematic review and meta-analysis of randomized controlled trials in healthy animals. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1223-1237.	0.6	33
85	Diabetes Mellitus and Bone Regeneration: A Systematic Review and Meta-Analysis of Animal Studies. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 471-479.	2.5	35
86	Antidiabetic activity of Embelia ribes, embelin and its derivatives: A systematic review and meta-analysis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 195-204.	2.5	34
87	Could the application of bioactive molecules improve vital pulp therapy success? A systematic review. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 941-956.	2.1	40
88	Developing the WCRF International/University of Bristol Methodology for Identifying and Carrying Out Systematic Reviews of Mechanisms of Exposure-Cancer Associations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1667-1675.	1.1	25
89	Mesenchymal Stromal Cell Therapy in Bronchopulmonary Dysplasia: Systematic Review and Meta-Analysis of Preclinical Studies. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2079-2093.	1.6	113
90	Systematic review and meta-analysis of early life exposure to di(2-ethylhexyl) phthalate and obesity related outcomes in rodents. <i>Chemosphere</i> , 2017, 188, 174-181.	4.2	54

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91	A Comparative Study on the WCRF International/University of Bristol Methodology for Systematic Reviews of Mechanisms Underpinning Exposure–Cancer Associations. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 1583-1594.	1.1	6
92	Making Basic Science Studies in Glaucoma More Clinically Relevant: The Need for a Consensus. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 501-518.	0.6	8
93	Effect of titanium implants with strontium incorporation on bone apposition in animal models: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 15563.	1.6	23
94	Does Oxidative Stress Play a Role in Altered Characteristics of Diabetic Bone? A Systematic Review. <i>Calcified Tissue International</i> , 2017, 101, 553-563.	1.5	25
95	Systematic review and meta-analysis of the efficacy of different exercise programs in pilocarpine induced status epilepticus models. <i>Epilepsy and Behavior</i> , 2017, 73, 256-267.	0.9	12
96	Cell Cotransplantation Strategies for Vascularized Craniofacial Bone Tissue Engineering: A Systematic Review and Meta-Analysis of Preclinical <i>In Vivo</i> Studies. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 101-117.	2.5	27
97	Effect of olive leaf extract on glucose levels in diabetes-induced rats: a systematic review and meta-analysis. <i>Journal of Diabetes</i> , 2017, 9, 947-957.	0.8	20
98	Considerations for the design and execution of protocols for animal research and treatment to improve reproducibility and standardization: the DEPART well-prepared and ARRIVE safely. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 354-363.	0.6	37
99	Contemporary methodological issues in drug development: the functionality of blinding is poorly studied. <i>Journal of Evidence-Based Medicine</i> , 2017, 10, 61-65.	2.4	0
100	Alveolar bone tissue engineering in critical-size defects of experimental animal models: a systematic review and meta-analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2935-2949.	1.3	43
101	Stress, burnout and depression: A systematic review on DNA methylation mechanisms. <i>Journal of Psychosomatic Research</i> , 2017, 92, 34-44.	1.2	147
102	Mood As Cumulative Expectation Mismatch: A Test of Theory Based on Data from Non-verbal Cognitive Bias Tests. <i>Frontiers in Psychology</i> , 2017, 8, 2197.	1.1	21
103	A Systematic Review of the Quality of IV Fluid Therapy in Veterinary Medicine. <i>Frontiers in Veterinary Science</i> , 2017, 4, 127.	0.9	19
104	A Systematic Review of Neuroprotective Strategies during Hypovolemia and Hemorrhagic Shock. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2247.	1.8	11
105	The Effects of Aerobic Exercise on the Recovery of Walking Ability and Neuroplasticity in People with Multiple Sclerosis: A Systematic Review of Animal and Clinical Studies. <i>Multiple Sclerosis International</i> , 2017, 2017, 1-12.	0.4	18
106	A systematic review of the asymmetric inheritance of cellular organelles in eukaryotes: A critique of basic science validity and imprecision. <i>PLoS ONE</i> , 2017, 12, e0178645.	1.1	11
107	Publication bias in animal research presented at the 2008 Society of Critical Care Medicine Conference. <i>BMC Research Notes</i> , 2017, 10, 262.	0.6	9
108	Evaluating the evidence for macrophage presence in skeletal muscle and its relation to insulin resistance in obese mice and humans: a systematic review protocol. <i>BMC Research Notes</i> , 2017, 10, 374.	0.6	5

#	ARTICLE	IF	CITATIONS
109	Effects of date palm pollen on fertility: research proposal for a systematic review. BMC Research Notes, 2017, 10, 363.	0.6	30
110	The cardioprotective and antiarrhythmic effects of Nardostachys chinensis in animal and cell experiments. BMC Complementary and Alternative Medicine, 2017, 17, 398.	3.7	9
111	Impaired reproduction after exposure to ADHD drugs: Systematic review of animal studies. International Journal of Risk and Safety in Medicine, 2017, 29, 107-124.	0.3	6
112	Potential and use of bacterial small RNAs to combat drug resistance: a systematic review. Infection and Drug Resistance, 2017, Volume 10, 521-532.	1.1	22
113	Systematic Review and Meta-Analysis of Early-Life Exposure to Bisphenol A and Obesity-Related Outcomes in Rodents. Environmental Health Perspectives, 2017, 125, 106001.	2.8	80
114	Augmented cartilage regeneration by implantation of cellular versus acellular implants after bone marrow stimulation: a systematic review and meta-analysis of animal studies. PeerJ, 2017, 5, e3927.	0.9	11
115	Clinical parameters of implants placed in healed sites using flapped and flapless techniques: A systematic review. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2017, 22, 0-0.	0.7	6
116	The effects of acrobatic exercise on brain plasticity: a systematic review of animal studies. Brain Structure and Function, 2018, 223, 2055-2071.	1.2	15
117	Does common prescription medication affect the rate of orthodontic tooth movement? A systematic review. European Journal of Orthodontics, 2018, 40, 649-659.	1.1	30
118	Sensitization of tumor cells to chemotherapy by natural products: A systematic review of preclinical data and molecular mechanisms. FÅ-toterapÅ-Åç, 2018, 129, 383-400.	1.1	72
119	Current insights into extracorporeal perfusion of free tissue flaps and extremities: a systematic review and data synthesis. Journal of Surgical Research, 2018, 227, 7-16.	0.8	15
120	Behavioral and biochemical effects of ethanol withdrawal in zebrafish. Pharmacology Biochemistry and Behavior, 2018, 169, 48-58.	1.3	15
121	Do not neglect calcium: a systematic review and meta-analysis (meta-regression) of its digestibility and utilisation in growing and finishing pigs. British Journal of Nutrition, 2018, 119, 1207-1219.	1.2	10
122	The effect of biologic factors and adjunctive therapies on orthodontically induced inflammatory root resorption: a systematic review and meta-analysis. European Journal of Orthodontics, 2018, 40, 326-336.	1.1	17
123	Animal models of cardiac arrest: A systematic review of bias and reporting. Resuscitation, 2018, 125, 16-21.	1.3	24
124	Subcutaneous injection of multipotent mesenchymal stromal cells admixed with melanoma cells in mice favors tumor incidence and growth: a systematic review and meta-analysis. Archives of Dermatological Research, 2018, 310, 231-240.	1.1	3
125	Scaffold-Based Temporomandibular Joint Tissue Regeneration in Experimental Animal Models: A Systematic Review An abstract of this article was presented as a poster, at The Bergen Stem Cell Consortium (BSCC), Annual meeting, Bergen, Norway, September 3â€4, 2017.. Tissue Engineering - Part B: Reviews, 2018, 24, 300-316.	2.5	28
126	Home alone: a systematic review and metaâ€analysis on the effects of individual housing on body weight, food intake and visceral fat mass in rodents. Obesity Reviews, 2018, 19, 614-637.	3.1	48

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127	The ability of topical and systemic statins to increase osteogenesis around dental implants: a systematic review of histomorphometric outcomes in animal studies. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2018, 47, 1070-1078.	0.7	17
128	Intra-articular injection of mesenchymal stem cells in treating knee osteoarthritis: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 445-461.	0.6	39
129	Safety and efficacy of fetal surgery techniques to close a spina bifida defect in the fetal lamb model: A systematic review. <i>Prenatal Diagnosis</i> , 2018, 38, 231-242.	1.1	24
130	Translational Research in Cardiovascular Repair. <i>Circulation Research</i> , 2018, 122, 310-318.	2.0	48
131	Ginsenoside Rh1: A Systematic Review of Its Pharmacological Properties. <i>Planta Medica</i> , 2018, 84, 139-152.	0.7	66
132	The effects of transcutaneous low-level laser therapy on the skin healing process: an experimental model. <i>Lasers in Medical Science</i> , 2018, 33, 967-976.	1.0	13
133	Effects of mesenchymal stem cells on solid tumor metastasis in experimental cancer models: a systematic review and meta-analysis. <i>Journal of Translational Medicine</i> , 2018, 16, 113.	1.8	20
134	Malaria and the Microbiome: A Systematic Review. <i>Clinical Infectious Diseases</i> , 2018, 67, 1831-1839.	2.9	33
135	The safety of St John's wort (<i>Hypericum perforatum</i>) in pregnancy and lactation: A systematic review of rodent studies. <i>Phytotherapy Research</i> , 2018, 32, 1488-1500.	2.8	12
136	Role of Risk of Bias in Systematic Review for Chemical Risk Assessment: A Case Study in Understanding the Relationship Between Congenital Heart Defects and Exposures to Trichloroethylene. <i>International Journal of Toxicology</i> , 2018, 37, 125-143.	0.6	11
137	Tools for assessing risk of reporting biases in studies and syntheses of studies: a systematic review. <i>BMJ Open</i> , 2018, 8, e019703.	0.8	173
138	Flavonoids as Th1/Th2 cytokines immunomodulators: A systematic review of studies on animal models. <i>Phytomedicine</i> , 2018, 44, 74-84.	2.3	72
139	The Use of Cannabinoids in Colitis: A Systematic Review and Meta-Analysis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 680-697.	0.9	47
140	Efficacy of Exercise on Breast Cancer Outcomes: A Systematic Review and Meta-analysis of Preclinical Data. <i>International Journal of Sports Medicine</i> , 2018, 39, 327-342.	0.8	15
141	Invited review: Effectiveness of precalving treatment on postcalving udder health in nulliparous dairy heifers: A systematic review and meta-analysis. <i>Journal of Dairy Science</i> , 2018, 101, 4707-4728.	1.4	12
142	Assisted delivery of antisense therapeutics in animal models of heritable neurodegenerative and neuromuscular disorders: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2018, 8, 4181.	1.6	9
143	Bone tissue engineering in oral peri-implant defects in preclinical <i>in vivo</i> research: A systematic review and meta-analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e336-e349.	1.3	28
144	Adipose Tissue-Derived Stem Cell Sheet Application for Tissue Healing <i>In Vivo</i> : A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 37-52.	2.5	31

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145	Remote ischemic preconditioning of transplant recipients to reduce graft ischemia and reperfusion injuries: A systematic review. <i>Transplantation Reviews</i> , 2018, 32, 10-15.	1.2	9
146	Does the incorporation of zinc into calcium phosphate improve bone repair? A systematic review. <i>Ceramics International</i> , 2018, 44, 1240-1249.	2.3	33
147	Effects of probiotics on experimental necrotizing enterocolitis: a systematic review and meta-analysis. <i>Pediatric Research</i> , 2018, 83, 16-22.	1.1	34
148	Current Evidence of Adult Stem Cells to Enhance Anterior Cruciate Ligament Treatment: A Systematic Review of Animal Trials. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 331-340.e2.	1.3	24
149	Clinical Efficacy of Tooth-Bone Graft. <i>Implant Dentistry</i> , 2018, 27, 119-134.	1.7	19
150	The Physiological Mechanisms of Effect of Vitamins and Amino Acids on Tendon and Muscle Healing: A Systematic Review. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018, 28, 294-311.	1.0	10
151	A systematic review of the anti-obesity and weight lowering effect of ginger (<i>Zingiber officinale</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf	2.8	71
152	Regenerative potential of secretome from dental stem cells: a systematic review of preclinical studies. <i>Reviews in the Neurosciences</i> , 2018, 29, 321-332.	1.4	16
153	Glucagon like peptide-2 and neoplasia; a systematic review. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 257-264.	1.4	28
154	Effects of exposure to malathion on blood glucose concentration: a meta-analysis. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3233-3242.	2.7	19
155	Statins in nonsurgical and surgical periodontal therapy. A systematic review and meta-analysis of preclinical in vivo trials. <i>Journal of Periodontal Research</i> , 2018, 53, 267-287.	1.4	35
156	Electrical Stimulation of Dorsal Root Ganglion in the Context of Pain: A Systematic Review of In Vitro and In Vivo Animal Model Studies. <i>Neuromodulation</i> , 2018, 21, 213-224.	0.4	26
157	Behavioural effects of methylphenidate in the spontaneously hypertensive rat model of attention-deficit/hyperactivity disorder: a systematic review and meta-analysis protocol. <i>BMJ Open Science</i> , 2018, 2, e000001.	0.8	3
158	Protocol for a systematic review of guidelines for rigour in the design, conduct and analysis of biomedical experiments involving laboratory animals. <i>BMJ Open Science</i> , 2018, 2, e000004.	0.8	6
159	Systemic administration of strontium ranelate to enhance the osseointegration of implants: systematic review of animal studies. <i>International Journal of Implant Dentistry</i> , 2018, 4, 21.	1.1	18
160	Systematic Review and Meta-Analysis of the Impact of Hypoxia on Infarcted Myocardium: Better or Worse?. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 949-960.	1.1	7
161	Efficacy of stem cells on bone consolidation of distraction osteogenesis in animal models: a systematic review. <i>Brazilian Oral Research</i> , 2018, 32, e83.	0.6	8
162	Repurposing Proteostasis-Modifying Drugs to Prevent or Treat Age-Related Dementia: A Systematic Review. <i>Frontiers in Physiology</i> , 2018, 9, 1520.	1.3	13

#	ARTICLE	IF	CITATIONS
163	Essential Oils and Their Major Compounds in the Treatment of Chronic Inflammation: A Review of Antioxidant Potential in Preclinical Studies and Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-23.	1.9	50
164	Danshensu for Myocardial Ischemic Injury: Preclinical Evidence and Novel Methodology of Quality Assessment Tool. <i>Frontiers in Pharmacology</i> , 2018, 9, 1445.	1.6	23
165	Music Affects Rodents: A Systematic Review of Experimental Research. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 301.	1.0	25
166	Pathology Study Design, Conduct, and Reporting to Achieve Rigor and Reproducibility in Translational Research Using Animal Models. <i>ILAR Journal</i> , 2018, 59, 4-12.	1.8	6
167	Bioactive scaffolds in stem-cell-based therapies for cardiac repair: protocol for a meta-analysis of randomized controlled preclinical trials in animal myocardial infarction models. <i>Systematic Reviews</i> , 2018, 7, 225.	2.5	12
168	The role of convergent ion channel pathways in microglial phenotypes: a systematic review of the implications for neurological and psychiatric disorders. <i>Translational Psychiatry</i> , 2018, 8, 259.	2.4	9
169	Influence of corticosteroid therapy on orthodontic tooth movement: A narrative review of studies in animal models. <i>Orthodontics and Craniofacial Research</i> , 2018, 21, 216-224.	1.2	9
170	Brain-derived neurotrophic factor and epilepsy: a systematic review. <i>Neuropeptides</i> , 2018, 72, 23-29.	0.9	90
171	Antidiabetic potential of <i>Musa</i> spp. inflorescence: a systematic review. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1583-1595.	1.2	7
172	Effects of hypercapnia in sepsis: protocol for a systematic review of clinical and preclinical data. <i>Systematic Reviews</i> , 2018, 7, 171.	2.5	2
173	Optimizing Livers for Transplantation Using Machine Perfusion versus Cold Storage in Large Animal Studies and Human Studies: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	7
174	Selective serotonin reuptake inhibitors affect structure, function and metabolism of skeletal muscle: A systematic review. <i>Pharmacological Research</i> , 2018, 136, 194-204.	3.1	8
175	Neuroprotection by anaesthetics in rodent models of traumatic brain injury: a systematic review and network meta-analysis. <i>British Journal of Anaesthesia</i> , 2018, 121, 1272-1281.	1.5	13
176	Effects of early life stress on biochemical indicators of the dopaminergic system: A 3 level meta-analysis of rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 1-16.	2.9	34
177	Exposure of laboratory animals to small air ions: a systematic review of biological and behavioral studies. <i>BioMedical Engineering OnLine</i> , 2018, 17, 72.	1.3	14
178	siRNA in ovarian cancer – Delivery strategies and targets for therapy. <i>Journal of Controlled Release</i> , 2018, 283, 45-58.	4.8	40
179	Osseointegration in osteoporotic-like condition: A systematic review of preclinical studies. <i>Journal of Periodontal Research</i> , 2018, 53, 933-940.	1.4	25
180	Influence of nicotine on orthodontic tooth movement: A systematic review of experimental studies in rats. <i>Archives of Oral Biology</i> , 2018, 93, 66-73.	0.8	20

#	ARTICLE	IF	CITATIONS
181	Normothermic Ex Vivo Machine Perfusion for Liver Grafts Recovered from Donors after Circulatory Death: A Systematic Review and Meta-Analysis. <i>HPB Surgery</i> , 2018, 2018, 1-8.	2.2	19
182	The impact of dietary consistency on structural craniofacial components: Temporomandibular joint/condyle, condylar cartilage, alveolar bone and periodontal ligament. A systematic review and meta-analysis in experimental in vivo research. <i>Archives of Oral Biology</i> , 2018, 94, 33-47.	0.8	12
183	Effects of Panax ginseng on Obesity in Animal Models: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-16.	0.5	17
184	Long-term neurodevelopmental consequences of intrauterine exposure to lithium and antipsychotics: a systematic review and meta-analysis. <i>European Child and Adolescent Psychiatry</i> , 2018, 27, 1209-1230.	2.8	45
185	Mesenchymal Stromal Cell Therapy for Pancreatitis: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	24
186	The study design elements employed by researchers in preclinical animal experiments from two research domains and implications for automation of systematic reviews. <i>PLoS ONE</i> , 2018, 13, e0199441.	1.1	4
187	Flavonoids as Therapeutic Agents in Alzheimer's and Parkinson's Diseases: A Systematic Review of Preclinical Evidences. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-21.	1.9	127
188	Addressing Reproducibility: Peer Review, Impact Factors, Checklists, Guidelines, and Reproducibility Initiatives. , 2018, , 197-306.		4
189	The anxiolytic effect of probiotics: A systematic review and meta-analysis of the clinical and preclinical literature. <i>PLoS ONE</i> , 2018, 13, e0199041.	1.1	75
190	Preclinical therapies to prevent or treat fracture non-union: A systematic review. <i>PLoS ONE</i> , 2018, 13, e0201077.	1.1	5
191	Criteria for enhancing mucus transport: a systematic scoping review. <i>Multidisciplinary Respiratory Medicine</i> , 2018, 13, 22.	0.6	8
192	Intrinsic Hormone-Like Molecules and External Root Resorption During Orthodontic Tooth Movement. A Systematic Review and Meta-Analysis in Preclinical in-Vivo Research. <i>Frontiers in Physiology</i> , 2018, 9, 303.	1.3	5
193	Sexual transmission of Zika virus and other flaviviruses: A living systematic review. <i>PLoS Medicine</i> , 2018, 15, e1002611.	3.9	115
194	Nitric Oxide Synthase Inhibition as a Neuroprotective Strategy Following Hypoxic-Ischemic Encephalopathy: Evidence From Animal Studies. <i>Frontiers in Neurology</i> , 2018, 9, 258.	1.1	31
195	Preclinical to Clinical Translation of Studies of Transcranial Direct-Current Stimulation in the Treatment of Epilepsy: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2018, 12, 189.	1.4	35
196	Isoquinoline Alkaloids and Indole Alkaloids Attenuate Aortic Atherosclerosis in Apolipoprotein E Deficient Mice: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2018, 9, 602.	1.6	18
197	Intracerebral microdialysis of adenosine and adenosine monophosphate – a systematic review and meta-regression analysis of baseline concentrations. <i>Journal of Neurochemistry</i> , 2018, 147, 58-70.	2.1	18
198	Systematic review of antiepileptic drugs' safety and effectiveness in feline epilepsy. <i>BMC Veterinary Research</i> , 2018, 14, 64.	0.7	21

#	ARTICLE	IF	CITATIONS
199	Subchondral drilling for articular cartilage repair: a systematic review of translational research. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	37
200	Comparison of crystalloid resuscitation fluids for treatment of acute brain injury: a clinical and pre-clinical systematic review and network meta-analysis protocol. <i>Systematic Reviews</i> , 2018, 7, 125.	2.5	3
201	The role of C-peptide in the attenuation of outcomes of diabetic kidney disease: a systematic review and meta-analysis. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2018, 40, 375-387.	0.4	2
202	Expression of biological mediators during orthodontic tooth movement: A systematic review. <i>Archives of Oral Biology</i> , 2018, 95, 170-186.	0.8	45
203	Mesenchymal Stromal Cell Characteristics and Regenerative Potential in Cardiovascular Disease. <i>Cell Transplantation</i> , 2018, 27, 765-785.	1.2	22
204	Long term effects of neonatal exposure to fluoxetine on energy balance: A systematic review of experimental studies. <i>European Journal of Pharmacology</i> , 2018, 833, 298-306.	1.7	9
205	Use of human amniotic epithelial cells in mouse models of bleomycin-induced lung fibrosis: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0197658.	1.1	13
206	Comparative efficacy of stem cells and secretome in articular cartilage regeneration: a systematic review and meta-analysis. <i>Cell and Tissue Research</i> , 2019, 375, 329-344.	1.5	30
207	Growth changes after inhalant abuse and toluene exposure: A systematic review and meta-analysis of human and animal studies. <i>Human and Experimental Toxicology</i> , 2019, 38, 157-172.	1.1	13
208	Effects of systemic medication on root resorption associated with orthodontic tooth movement: a systematic review of animal studies. <i>European Journal of Orthodontics</i> , 2019, 41, 346-359.	1.1	21
209	Bone Regeneration Using Antiosteoporotic Drugs in Adjunction with Bone Grafting: A Meta-Analysis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 500-509.	2.5	6
210	Animal testing: a reevaluation of what it means to Endodontology. <i>International Endodontic Journal</i> , 2019, 52, 1253-1254.	2.3	3
211	Postnatal Nutrition to Improve Brain Development in the Preterm Infant: A Systematic Review From Bench to Bedside. <i>Frontiers in Physiology</i> , 2019, 10, 961.	1.3	31
212	Obesity and muscle-macrophage crosstalk in humans and mice: A systematic review. <i>Obesity Reviews</i> , 2019, 20, 1572-1596.	3.1	7
213	Titanium surface modifications and their soft-tissue interface on nonkeratinized soft tissues—a systematic review (Review). <i>Biointerphases</i> , 2019, 14, 040802.	0.6	25
214	Systematic Review on the Involvement of the Kynurenine Pathway in Stroke: Pre-clinical and Clinical Evidence. <i>Frontiers in Neurology</i> , 2019, 10, 778.	1.1	43
215	An IQ Consortium Perspective on The Scientific Committee on Health, Environmental and Emerging Risks Final Opinion on the Need for Nonhuman Primates in Biomedical Research, Production and Testing of Products and Devices (Update 2017). <i>Toxicologic Pathology</i> , 2019, 47, 649-655.	0.9	10
216	EFSA's toxicological assessment of aspartame: was it even-handedly trying to identify possible unreliable positives and unreliable negatives?. <i>Archives of Public Health</i> , 2019, 77, 34.	1.0	11

#	ARTICLE	IF	CITATIONS
217	Efficacy of Terpenoid in Attenuating Aortic Atherosclerosis in Apolipoprotein-E Deficient Mice: A Meta-Analysis of Animal Studies. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	2
218	Effect of Resveratrol on In Vitro and In Vivo Models of Diabetic Retinopathy: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3503.	1.8	27
219	Brain Microdialysate Monoamines in Relation to Circadian Rhythms, Sleep, and Sleep Deprivation – a Systematic Review, Network Meta-analysis, and New Primary Data. <i>Journal of Circadian Rhythms</i> , 2019, 17, 1.	2.9	34
220	DOZ047.101: Preclinical studies of tissue engineering for long-gap esophageal atresia in pigs. A systematic literature review. <i>Ecological Management and Restoration</i> , 2019, 32, .	0.2	0
221	Seaweeds-derived compounds modulating effects on signal transduction pathways: A systematic review. <i>Phytomedicine</i> , 2019, 63, 153016.	2.3	12
222	The current state of animal models in research: A review. <i>International Journal of Surgery</i> , 2019, 72, 9-13.	1.1	180
223	Does antibiotic use accelerate or retard cutaneous repair? A systematic review in animal models. <i>PLoS ONE</i> , 2019, 14, e0223511.	1.1	32
224	The therapeutic effects of microRNAs in preclinical studies of acute kidney injury: a systematic review protocol. <i>Systematic Reviews</i> , 2019, 8, 235.	2.5	6
225	The association of short-chain fatty acids and leptin metabolism: a systematic review. <i>Nutrition Research</i> , 2019, 72, 18-35.	1.3	24
226	Therapies to limit myocardial injury in animal models of myocarditis: a systematic review and meta-analysis. <i>Basic Research in Cardiology</i> , 2019, 114, 48.	2.5	18
227	Dose Articulation in Preclinical and Clinical Stroke Recovery: Refining a Discovery Research Pipeline and Presenting a Scoping Review Protocol. <i>Frontiers in Neurology</i> , 2019, 10, 1148.	1.1	15
228	Examining Adolescence as a Sensitive Period for High-Fat, High-Sugar Diet Exposure: A Systematic Review of the Animal Literature. <i>Frontiers in Neuroscience</i> , 2019, 13, 1108.	1.4	11
229	Ginkgolide B for Myocardial Ischemia/Reperfusion Injury: A Preclinical Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2019, 10, 1292.	1.3	13
230	Blinding and Randomization. <i>Handbook of Experimental Pharmacology</i> , 2019, 257, 81-100.	0.9	24
231	The capacity for oestrogen to influence obesity through brown adipose tissue thermogenesis in animal models: A systematic review and meta-analysis. <i>Obesity Science and Practice</i> , 2019, 5, 592-602.	1.0	9
232	Topical Host-Modulating Therapy for Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 526-543.	2.5	11
233	Potential Protective Effect of Oleanolic Acid on the Components of Metabolic Syndrome: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 1294.	1.0	14
234	In vivo, ex vivo and in vitro evidence for atropine-mediated attenuation of glucagon-like peptide-1 secretion: findings from a systematic review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29597-29605.	2.7	0

#	ARTICLE	IF	CITATIONS
235	Mapping the evidence of hepatoprotective properties of <i>Moringa oleifera</i> from sub-Saharan African countries: a systematic review protocol. <i>Systematic Reviews</i> , 2019, 8, 197.	2.5	4
236	Evaluation of the Impacts of Chemotherapeutics on Odontogenesis Process: Findings from a Systematic Review. <i>Journal of Morphological Sciences</i> , 2019, 36, 210-218.	0.2	0
237	Mesenchymal stem cells for the treatment of ulcerative colitis: a systematic review and meta-analysis of experimental and clinical studies. <i>Stem Cell Research and Therapy</i> , 2019, 10, 266.	2.4	52
238	Meta-analysis of preclinical studies of mesenchymal stromal cells to treat rheumatoid arthritis. <i>EBioMedicine</i> , 2019, 47, 563-577.	2.7	32
239	The Application of Statins in the Regeneration of Bone Defects. <i>Systematic Review and Meta-Analysis. Materials</i> , 2019, 12, 2992.	1.3	11
240	Periodontal regenerative medicine using mesenchymal stem cells and biomaterials: A systematic review of pre-clinical studies. <i>Dental Materials Journal</i> , 2019, 38, 867-883.	0.8	12
241	Establishing a health-based recommended occupational exposure limit for nitrous oxide using experimental animal data – A systematic review protocol. <i>Environmental Research</i> , 2019, 178, 108711.	3.7	6
242	Diagnostic accuracy of flat-panel computed tomography in assessing cerebral perfusion in comparison with perfusion computed tomography and perfusion magnetic resonance: a systematic review. <i>Neuroradiology</i> , 2019, 61, 1457-1468.	1.1	7
243	How Early Life Stress Impact Maternal Care: A Systematic Review of Rodent Studies. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 197.	1.0	68
244	Efficacy and safety of culture-expanded, mesenchymal stem/stromal cells for the treatment of knee osteoarthritis: a systematic review protocol. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 34.	0.9	13
245	Stem cells in animal models of Huntington disease: A systematic review. <i>Molecular and Cellular Neurosciences</i> , 2019, 95, 43-50.	1.0	17
246	Effect of footbath protocols for prevention and treatment of digital dermatitis in dairy cattle: A systematic review and network meta-analysis. <i>Preventive Veterinary Medicine</i> , 2019, 164, 56-71.	0.7	23
247	Remyelination promoting therapies in multiple sclerosis animal models: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 822.	1.6	46
248	A Systematic Review of Neuroprotective Strategies in the Management of Hypoglycemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 550.	1.8	1
249	The antidepressant impact of minocycline in rodents: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 261.	1.6	23
250	A systematic review on efficiency of microneme proteins to induce protective immunity against <i>Toxoplasma gondii</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 617-629.	1.3	15
251	Are cell-based therapies for kidney disease safe? A systematic review of preclinical evidence. , 2019, 197, 191-211.		8
252	Xenografting for disease modeling of intramedullary spinal cord tumors: a systematic review. <i>Spinal Cord</i> , 2019, 57, 439-448.	0.9	1

#	ARTICLE	IF	CITATIONS
253	The Effects of Glucosamine and Chondroitin Sulfate on Gut Microbial Composition: A Systematic Review of Evidence from Animal and Human Studies. <i>Nutrients</i> , 2019, 11, 294.	1.7	43
254	Influence of low-level laser therapy on orthodontically-induced inflammatory root resorption. A systematic review. <i>Archives of Oral Biology</i> , 2019, 100, 1-13.	0.8	18
255	Antidiabetic effect of quercetin: A systematic review and meta-analysis of animal studies. <i>Food and Chemical Toxicology</i> , 2019, 125, 494-502.	1.8	108
256	Efficacy of Biophysical Energies on Healing of Diabetic Skin Wounds in Cell Studies and Animal Experimental Models: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 368.	1.8	13
257	Is surface modification effective to prevent periprosthetic joint infection? A systematic review of preclinical and clinical studies. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2019, 105, 967-974.	0.9	13
258	Meta-Analysis of the Effect of Exercise on Neuropathic Pain Induced by Peripheral Nerve Injury in Rat Models. <i>Frontiers in Neurology</i> , 2019, 10, 636.	1.1	20
259	Stem/progenitor cell-mediated pulpal tissue regeneration: a systematic review and meta-analysis. <i>International Endodontic Journal</i> , 2019, 52, 1573-1585.	2.3	21
260	Brain Modulatory Effects by Low-Intensity Transcranial Ultrasound Stimulation (TUS): A Systematic Review on Both Animal and Human Studies. <i>Frontiers in Neuroscience</i> , 2019, 13, 696.	1.4	26
261	MicroRNAs Involved in the Regulation of Angiogenesis in Bone Regeneration. <i>Calcified Tissue International</i> , 2019, 105, 223-238.	1.5	15
262	Antiobesity effects of anthocyanins on mitochondrial biogenesis, inflammation, and oxidative stress: A systematic review. <i>Nutrition</i> , 2019, 66, 192-202.	1.1	53
263	Honey in Bronchial Asthma: From Folk Tales to Scientific Facts. <i>Journal of Medicinal Food</i> , 2019, 22, 543-550.	0.8	13
264	Mesenchymal stem cells for sensorineural hearing loss: protocol for a systematic review of preclinical studies. <i>Systematic Reviews</i> , 2019, 8, 126.	2.5	7
265	Examining tumor modulating effects of photobiomodulation therapy on head and neck squamous cell carcinomas. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1621-1637.	1.6	23
266	Pre-clinical investigations of β -carboline alkaloids as antidepressant agents: A systematic review. <i>F1000 Research</i> , 2019, 137, 104196.	1.1	31
267	Adaptation of the Systematic Review Framework to the Assessment of Toxicological Test Methods: Challenges and Lessons Learned With the Zebrafish Embryotoxicity Test. <i>Toxicological Sciences</i> , 2019, 171, 56-68.	1.4	9
268	Can the effects of environmental enrichment modulate BDNF expression in hippocampal plasticity? A systematic review of animal studies. <i>Synapse</i> , 2019, 73, e22103.	0.6	19
269	Potential biological therapies for severe preeclampsia: a systematic review and meta-analysis. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 163.	0.9	18
270	Identification and description of the uncertainty, variability, bias and influence in quantitative structure-activity relationships (QSARs) for toxicity prediction. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 106, 90-104.	1.3	36

#	ARTICLE	IF	CITATIONS
271	Can Resveratrol Treatment Control the Progression of Induced Periodontal Disease? A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Nutrients</i> , 2019, 11, 953.	1.7	22
272	The behavioral phenotype of early life adversity: A 3-level meta-analysis of rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 299-307.	2.9	71
273	Currently available and experimental dyes for intraoperative near-infrared fluorescence imaging of the ureters: a systematic review. <i>Techniques in Coloproctology</i> , 2019, 23, 305-313.	0.8	51
274	Toxicological and pharmacologic effects of farnesol (C15H26O): A descriptive systematic review. <i>Food and Chemical Toxicology</i> , 2019, 129, 169-200.	1.8	28
275	Can Lycopene Impact the Androgen Axis in Prostate Cancer?: A Systematic Review of Cell Culture and Animal Studies. <i>Nutrients</i> , 2019, 11, 633.	1.7	30
276	Regenerative cell therapy for pulmonary arterial hypertension in animal models: a systematic review. <i>Stem Cell Research and Therapy</i> , 2019, 10, 75.	2.4	11
277	Effects of early- and mid-life stress on DNA methylation of genes associated with subclinical cardiovascular disease and cognitive impairment: a systematic review. <i>BMC Medical Genetics</i> , 2019, 20, 39.	2.1	17
278	Analysis of Flavonoids Bioactivity for Cholestatic Liver Disease: Systematic Literature Search and Experimental Approaches. <i>Biomolecules</i> , 2019, 9, 102.	1.8	7
279	The effect of glucagon-like peptide-1 (GLP-1) receptor agonists on substance use disorder (SUD)-related behavioural effects of drugs and alcohol: A systematic review. <i>Physiology and Behavior</i> , 2019, 206, 232-242.	1.0	12
280	Relationship between maternal global nutrient restriction during pregnancy and offspring kidney structure and function: a systematic review of animal studies. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F1227-F1235.	1.3	6
281	The bone regeneration capacity of 3D-printed templates in calvarial defect models: A systematic review and meta-analysis. <i>Acta Biomaterialia</i> , 2019, 91, 1-23.	4.1	52
282	Systematic review of biological therapies for atrial fibrillation. <i>Heart Rhythm</i> , 2019, 16, 1399-1407.	0.3	4
283	Efficacy of bone marrow mesenchymal stem cell transplantation in animal models of pulmonary fibrosis after exposure to bleomycin: A meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 2247-2255.	0.8	11
284	Does testosterone mediate the relationship between vitamin D and prostate cancer? A systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2019, 8, 52.	2.5	3
285	Efficacy of stem cell therapy for pulmonary arterial hypertension: a systematic review and meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2019, 10, 55.	2.4	11
286	Effect of Exercise Interventions on Kainate Induced Status Epilepticus and Associated Co-morbidities; A Systematic Review and Meta-Analysis. <i>Neurochemical Research</i> , 2019, 44, 1005-1019.	1.6	5
287	Could angiotensin-modulating drugs be relevant for the treatment of <i>Trypanosoma cruzi</i> infection? A systematic review of preclinical and clinical evidence. <i>Parasitology</i> , 2019, 146, 914-927.	0.7	6
288	Preclinical application of recombinant human bone morphogenetic protein 2 on bone substitutes for vertical bone augmentation: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 355-363.	1.1	6

#	ARTICLE	IF	CITATIONS
289	Bacterial antibiotic resistance development and mutagenesis following exposure to subminimal inhibitory concentrations of fluoroquinolones in vitro: a systematic literature review protocol. <i>BMJ Open</i> , 2019, 9, e030747.	0.8	9
290	Resistance training and modulation of cardiac autonomic control in animal models: a systematic review. <i>Comparative Exercise Physiology</i> , 2019, 15, 1-12.	0.3	1
291	Quality Governance in Biomedical Research. <i>Handbook of Experimental Pharmacology</i> , 2019, 257, 349-365.	0.9	1
292	Does a high-fat diet affect the development and progression of osteoarthritis in mice? A systematic review. <i>Bone and Joint Research</i> , 2019, 8, 582-592.	1.3	23
293	Mapping the preclinical to clinical evidence and development trajectory of the oncolytic virus talimogene laherparepvec (T-VEC): a systematic review. <i>BMJ Open</i> , 2019, 9, e029475.	0.8	6
294	Learning from Principles of Evidence-Based Medicine to Optimize Nonclinical Research Practices. <i>Handbook of Experimental Pharmacology</i> , 2019, 257, 35-54.	0.9	1
295	Building Robustness into Translational Research. <i>Handbook of Experimental Pharmacology</i> , 2019, 257, 163-175.	0.9	7
296	Efficacy of Chinese herbal compound GAPT for the treatment of Alzheimer's disease during mouse/rat studies: A systematic review and meta-analysis. <i>Journal of Traditional Chinese Medical Sciences</i> , 2019, 6, 294-307.	0.1	0
297	Astragaloside IV Exerts Cardioprotection in Animal Models of Viral Myocarditis: A Preclinical Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1388.	1.6	12
298	The effect of analgesics on stimulus evoked pain-like behaviour in animal models for chemotherapy induced peripheral neuropathy- a meta-analysis. <i>Scientific Reports</i> , 2019, 9, 17549.	1.6	11
299	Batryticatus Bombyx Protects Dopaminergic Neurons against MPTP-Induced Neurotoxicity by Inhibiting Oxidative Damage. <i>Antioxidants</i> , 2019, 8, 574.	2.2	23
300	Effect of mushrooms on obesity in animal models: study protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2019, 8, 288.	2.5	5
301	Glucocorticoid for Hearing Preservation After Cochlear Implantation: A Systemic Review and Meta-analysis of Animal Studies. <i>Otology and Neurotology</i> , 2019, 40, 1178-1185.	0.7	19
302	A Significant Association Between Rhein and Diabetic Nephropathy in Animals: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1473.	1.6	28
303	How Can Systematic Reviews Teach Us More about the Implementation of the 3Rs and Animal Welfare?. <i>Animals</i> , 2019, 9, 1163.	1.0	16
304	A protocol for systematic review of <i>Plantago major</i> L. effectiveness in accelerating wound-healing in animal models. <i>Systematic Reviews</i> , 2019, 8, 337.	2.5	5
305	Tendon healing in presence of chronic low-level inflammation: a systematic review. <i>British Medical Bulletin</i> , 2019, 132, 97-116.	2.7	35
306	Methods and efficacy of extracellular vesicles derived from mesenchymal stromal cells in animal models of disease: a preclinical systematic review protocol. <i>Systematic Reviews</i> , 2019, 8, 322.	2.5	14

#	ARTICLE	IF	CITATIONS
307	Adhesion reformation and the limited translational value of experiments with adhesion barriers: A systematic review and meta-analysis of animal models. <i>Scientific Reports</i> , 2019, 9, 18254.	1.6	18
308	Osseodensification in Implant Dentistry. <i>Implant Dentistry</i> , 2019, 28, 306-312.	1.7	12
309	Effects of different interventions on animal models of ischemic stroke. <i>Medicine (United States)</i> , 2019, 98, e15384.	0.4	3
310	Mechanisms of action of molecules with anti-TNF-alpha activity on intestinal barrier inflammation. <i>Medicine (United States)</i> , 2019, 98, e17285.	0.4	8
311	Biocompatibility of Root Canal Sealers: A Systematic Review of In Vitro and In Vivo Studies. <i>Materials</i> , 2019, 12, 4113.	1.3	44
312	Therapeutic Effect of Tanshinone IIA on Liver Fibrosis and the Possible Mechanism: A Preclinical Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-13.	0.5	12
313	Effects and parameters of the photobiomodulation in experimental models of third-degree burn: systematic review. <i>Lasers in Medical Science</i> , 2019, 34, 637-648.	1.0	11
314	Specialized pro-resolving lipid mediators in experimental periodontitis: A systematic review. <i>Oral Diseases</i> , 2019, 25, 1265-1276.	1.5	24
315	Antiosteoporotic Drugs to Promote Bone Regeneration Related to Titanium Implants: A Systematic Review and Meta-Analysis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 89-99.	2.5	11
316	Conditioned hormonal responses: A systematic review in animals and humans. <i>Frontiers in Neuroendocrinology</i> , 2019, 52, 206-218.	2.5	13
317	Milk feed osmolality and adverse events in newborn infants and animals: a systematic review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F333-F340.	1.4	38
318	Helminth-based therapies for rheumatoid arthritis: A systematic review and meta-analysis. <i>International Immunopharmacology</i> , 2019, 66, 366-372.	1.7	13
319	Noncellular Modification of Acellular Nerve Allografts for Peripheral Nerve Reconstruction: A Systematic Critical Review of the Animal Literature. <i>World Neurosurgery</i> , 2019, 122, 692-703.e2.	0.7	12
320	Does long-term use of pain relievers have an impact on the rate of orthodontic tooth movement? A systematic review of animal studies. <i>European Journal of Orthodontics</i> , 2019, 41, 468-477.	1.1	5
321	A systematic review and narrative synthesis on the histological and neurobehavioral long-term effects of dexmedetomidine. <i>Paediatric Anaesthesia</i> , 2019, 29, 125-136.	0.6	17
322	Targeting obesity management through gut microbiota modulation by herbal products: A systematic review. <i>Complementary Therapies in Medicine</i> , 2019, 42, 184-204.	1.3	20
323	The therapeutic potential of regulatory T lymphocytes in periodontitis: A systematic review. <i>Journal of Periodontal Research</i> , 2019, 54, 207-217.	1.4	25
324	Regenerative medicine as a therapeutic option for fecal incontinence: a systematic review of preclinical and clinical studies. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 142-154.e2.	0.7	16

#	ARTICLE	IF	CITATIONS
325	Second-generation antipsychotics and metabolism alterations: a systematic review of the role of the gut microbiome. <i>Psychopharmacology</i> , 2019, 236, 1491-1512.	1.5	72
326	Maternal obesity in pregnancy impacts offspring cardiometabolic health: Systematic review and meta-analysis of animal studies. <i>Obesity Reviews</i> , 2019, 20, 675-685.	3.1	43
327	Can Periodontitis Influence the Progression of Abdominal Aortic Aneurysm? A Systematic Review. <i>Angiology</i> , 2019, 70, 479-491.	0.8	21
328	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 107-121.	2.9	31
329	Influence of antimicrobial photodynamic therapy as an adjunctive to scaling and root planing on alveolar bone loss: A systematic review and meta-analysis of animal studies. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 354-363.	1.3	11
330	The antioxidant activity of artichoke (<i>Cynara scolymus</i>): A systematic review and meta-analysis of animal studies. <i>Phytotherapy Research</i> , 2019, 33, 55-71.	2.8	45
331	The Variable Regulatory Effect of Arsenic on Nrf2 Signaling Pathway in Mouse: a Systematic Review and Meta-analysis. <i>Biological Trace Element Research</i> , 2019, 190, 362-383.	1.9	9
332	Effects of cannabinoids in Amyotrophic Lateral Sclerosis (ALS) murine models: a systematic review and meta-analysis. <i>Journal of Neurochemistry</i> , 2019, 149, 284-297.	2.1	22
333	The protective effect of anterior cruciate ligament reconstruction on articular cartilage: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 219-229.	0.6	6
334	Cell-Enhanced Acellular Nerve Allografts for Peripheral Nerve Reconstruction: A Systematic Review and a Meta-Analysis of the Literature. <i>Neurosurgery</i> , 2019, 85, 575-604.	0.6	12
335	Maternal and fetal effects of chocolate consumption during pregnancy: a systematic review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 2915-2927.	0.7	3
336	The effect of glucagon-like peptide-1 and glucagon-like peptide-2 on microcirculation: A systematic review. <i>Microcirculation</i> , 2019, 26, e12367.	1.0	10
337	Essential oils and its bioactive compounds modulating cytokines: A systematic review on anti-asthmatic and immunomodulatory properties. <i>Phytomedicine</i> , 2020, 73, 152854.	2.3	36
338	Best practice in research – Overcoming common challenges in phytopharmacological research. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112230.	2.0	341
339	Glossary for systematic reviews and meta-analyses. <i>International Endodontic Journal</i> , 2020, 53, 232-249.	2.3	29
340	The Impact of Riluzole on Neurobehavioral Outcomes in Preclinical Models of Traumatic and Nontraumatic Spinal Cord Injury: Results From a Systematic Review of the Literature. <i>Global Spine Journal</i> , 2020, 10, 216-229.	1.2	19
341	Animal models for cystic fibrosis: A systematic search and mapping review of the literature – Part 1: genetic models. <i>Laboratory Animals</i> , 2020, 54, 330-340.	0.5	9
342	Endometriosis and the microbiome: a systematic review. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 239-249.	1.1	77

#	ARTICLE	IF	CITATIONS
343	Do analgesics used for the pain experienced after orthodontic procedures affect tooth movement rate? A systematic review based on animal studies. <i>Orthodontics and Craniofacial Research</i> , 2020, 23, 143-150.	1.2	6
344	Heritability of periodontitis: A systematic review of evidence from animal studies. <i>Archives of Oral Biology</i> , 2020, 109, 104592.	0.8	7
345	Comparison of coated meshes for intraperitoneal placement in animal studies: a systematic review and meta-analysis. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 1253-1261.	0.9	12
346	No basal or drug-induced sex differences in striatal dopaminergic levels: a cluster and meta-analysis of rat microdialysis studies. <i>Journal of Neurochemistry</i> , 2020, 152, 482-492.	2.1	21
347	Systematic review of biological therapy to accelerate orthodontic tooth movement in animals: Translational approach. <i>Archives of Oral Biology</i> , 2020, 110, 104597.	0.8	11
348	Doxorubicin-induced skeletal muscle atrophy: Elucidating the underlying molecular pathways. <i>Acta Physiologica</i> , 2020, 229, e13400.	1.8	63
349	Efficacy of chalcone and xanthine derivatives on lipase inhibition: A systematic review. <i>Chemical Biology and Drug Design</i> , 2020, 95, 205-214.	1.5	3
350	The antidiabetic effect of thymoquinone: A systematic review and meta-analysis of animal studies. <i>Food Research International</i> , 2020, 127, 108736.	2.9	15
351	The effects of TNF-alpha inhibition on cartilage: a systematic review of preclinical studies. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 708-718.	0.6	41
352	Systematic review and meta-analysis protocol for efficacy and safety of <i>Momordica charantia</i> L. on animal models of type 2 diabetes mellitus. <i>Systematic Reviews</i> , 2020, 9, 7.	2.5	10
353	A systematic review on the effects of direct oral anticoagulants on cancer growth and metastasis in animal models. <i>Thrombosis Research</i> , 2020, 187, 18-27.	0.8	18
354	Effect of glucocorticoids on glyceroneogenesis in adipose tissue: A systematic review. <i>Biochimie</i> , 2020, 168, 210-219.	1.3	8
355	Antimicrobial photodynamic therapy in skin wound healing: A systematic review of animal studies. <i>International Wound Journal</i> , 2020, 17, 285-299.	1.3	37
356	Pharmacological interventions to reduce edema following cardiopulmonary bypass: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2020, 56, 63-72.	1.0	8
357	OECD approaches and considerations for regulatory evaluation of endocrine disruptors. <i>Molecular and Cellular Endocrinology</i> , 2020, 504, 110675.	1.6	28
358	Impact of chlorpyrifos on blood glucose concentration in an animal model: a systematic review and meta-analysis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2474-2481.	2.7	12
359	Neuropathic pain after spinal cord injury and physical exercise in animal models: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 781-795.	2.9	22
360	Transcriptional and epigenetic changes of brain derived neurotrophic factor following prenatal stress: A systematic review of animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 211-231.	2.9	17

#	ARTICLE	IF	CITATIONS
361	Effect of Platelet-Rich Fibrin on Fat Grafting in Animal Models: A Meta-Analysis. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 570-578.	0.5	10
362	Pathophysiology and targets for treatment in hereditary galactosemia: A systematic review of animal and cellular models. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 392-408.	1.7	25
363	Does oxidative stress contribute to toxicity in acute organophosphorus poisoning? â€“ a systematic review of the evidence. <i>Clinical Toxicology</i> , 2020, 58, 437-452.	0.8	16
364	Effects of drinking natural hydrogen sulfide (H ₂ S) waters: a systematic review of in vivo animal studies. <i>International Journal of Biometeorology</i> , 2020, 64, 1011-1022.	1.3	15
365	Statin Therapy in Ischemic Stroke Models: A Meta-Analysis. <i>Translational Stroke Research</i> , 2020, 11, 590-600.	2.3	29
366	Stem cell therapies for periodontal tissue regeneration: a network meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2020, 11, 427.	2.4	50
367	Effects of Non-insulin Anti-hyperglycemic Agents on Gut Microbiota: A Systematic Review on Human and Animal Studies. <i>Frontiers in Endocrinology</i> , 2020, 11, 573891.	1.5	21
368	Value of Glucosylsphingosine (Lyso-Gb1) as a Biomarker in Gaucher Disease: A Systematic Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7159.	1.8	56
369	Effect of statins on amyloidosis in the rodent models of Alzheimerâ€™s disease: Evidence from the preclinical meta-analysis. <i>Brain Research</i> , 2020, 1749, 147115.	1.1	6
370	Autogenous bone ring for vertical bone augmentation procedure with simultaneous implant placement: A systematic review of histologic and histomorphometric outcomes in animal studies. <i>Journal of Prosthetic Dentistry</i> , 2020, 126, 626-635.	1.1	4
371	Immunoprophylaxis pharmacotherapy against canine leishmaniosis: A systematic review and meta-analysis on the efficacy of vaccines approved in European Union. <i>Vaccine</i> , 2020, 38, 6695-6703.	1.7	9
372	Gut Microbiota and Epilepsy: A Systematic Review on Their Relationship and Possible Therapeutics. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3488-3498.	1.7	26
373	Critically important antimicrobials are generally not needed to treat nonsevere clinical mastitis in lactating dairy cows: Results from a network meta-analysis. <i>Journal of Dairy Science</i> , 2020, 103, 10585-10603.	1.4	17
374	Genetic variants and expression changes in urgency urinary incontinence: A systematic review. <i>Neurology and Urodynamics</i> , 2020, 39, 2089-2110.	0.8	8
375	Renal protective effects of astragaloside IV, in diabetes mellitus kidney damage animal models: A systematic review, meta-analysis. <i>Pharmacological Research</i> , 2020, 160, 105192.	3.1	21
376	Chondroprotective Actions of Selective COX-2 Inhibitors In Vivo: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6962.	1.8	15
377	Prebiotic effect of dietary polyphenols: A systematic review. <i>Journal of Functional Foods</i> , 2020, 74, 104169.	1.6	143
378	Effects of Quercetin on Cardiac Function in Pressure Overload and Postischemic Cardiac Injury in Rodents: a Systematic Review and Meta-Analysis. <i>Cardiovascular Drugs and Therapy</i> , 2020, , 1.	1.3	8

#	ARTICLE	IF	CITATIONS
379	Does systemic oral administration of curcumin effectively reduce alveolar bone loss associated with periodontal disease? A systematic review and meta-analysis of preclinical in vivo studies. <i>Journal of Functional Foods</i> , 2020, 75, 104226.	1.6	7
380	Artificial intelligence and machine learning in orthopedic surgery: a systematic review protocol. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 478.	0.9	35
381	Magnetic resonance imaging in multiple sclerosis animal models: A systematic review, meta-analysis, and white paper. <i>NeuroImage: Clinical</i> , 2020, 28, 102371.	1.4	6
382	Influence of parathyroid hormone on periodontal healing in animal models: A systematic review. <i>Archives of Oral Biology</i> , 2020, 120, 104932.	0.8	4
383	The influence of acetylsalicylic acid on bone regeneration: systematic review and meta-analysis. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2020, , .	0.4	0
384	Is inflammaging influenced by the microbiota in the aged gut? A systematic review. <i>Experimental Gerontology</i> , 2020, 141, 111079.	1.2	43
385	Effects of passive heating intervention on muscle hypertrophy and neuromuscular function: A preliminary systematic review with meta-analysis. <i>Journal of Thermal Biology</i> , 2020, 93, 102684.	1.1	9
386	A systematic evaluation on reporting quality of modern studies on pulmonary heart valve implantation in large animals. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 437-445.	0.5	1
387	Bacterial antibiotic resistance development and mutagenesis following exposure to subinhibitory concentrations of fluoroquinolones in vitro: a systematic review of the literature. <i>JAC-Antimicrobial Resistance</i> , 2020, 2, dlaa068.	0.9	6
388	Cannabinoid Effects on Experimental Colorectal Cancer Models Reduce Aberrant Crypt Foci (ACF) and Tumor Volume: A Systematic Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-13.	0.5	8
389	Human endothelial colony-forming cells in regenerative therapy: A systematic review of controlled preclinical animal studies. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1344-1352.	1.6	12
390	An Analysis of Mesenchymal Stem Cell-Derived Extracellular Vesicles for Preclinical Use. <i>ACS Nano</i> , 2020, 14, 9728-9743.	7.3	72
391	The efficacy of steroids in reducing morbidity and mortality from extreme hyperthermia and heatstroke—A systematic review. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00626.	1.1	8
392	Surgical or non-surgical treatment of peri-implantitis “ what is the verdict?., <i>Surgery in Practice and Science</i> , 2020, 1, 100010.	0.2	5
393	Recent Clinical and Preclinical Studies of Hydroxychloroquine on RNA Viruses and Chronic Diseases: A Systematic Review. <i>Molecules</i> , 2020, 25, 5318.	1.7	9
394	Qualitative review on N-methyl-D-aspartate receptor expression in rat spinal cord during the postnatal development: Implications for central sensitization and pain. <i>Developmental Neurobiology</i> , 2020, 80, 443-455.	1.5	5
395	Spexin status in relation to obesity and its related comorbidities: a systematic review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1943-1957.	0.8	13
396	Protective Effects of Melatonin against Severe Burn-Induced Distant Organ Injury: A Systematic Review and Meta-Analysis of Experimental Studies. <i>Antioxidants</i> , 2020, 9, 1196.	2.2	8

#	ARTICLE	IF	CITATIONS
397	Systematic Review of Stem-Cell-Based Therapy of Burn Wounds: Lessons Learned from Animal and Clinical Studies. <i>Cells</i> , 2020, 9, 2545.	1.8	11
398	The effect of carnosine or β -alanine supplementation on markers of glycaemic control and insulin resistance in human and animal studies: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 282.	2.5	3
399	Recovering from depression with repetitive transcranial magnetic stimulation (rTMS): a systematic review and meta-analysis of preclinical studies. <i>Translational Psychiatry</i> , 2020, 10, 393.	2.4	61
400	Mesenchymal Stromal Cells Attenuate Infection-Induced Acute Respiratory Distress Syndrome in Animal Experiments: A Meta-Analysis. <i>Cell Transplantation</i> , 2020, 29, 096368972096918.	1.2	11
401	Umbilical cord-derived Wharton's jelly for regenerative medicine applications in orthopedic surgery: a systematic review protocol. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 527.	0.9	13
402	Clinical and Preclinical Systematic Review of <i>Astragalus Membranaceus</i> for Viral Myocarditis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-23.	1.9	9
403	Effectiveness of Helminth Therapy in the Prevention of Allograft Rejection: A Systematic Review of Allogeneic Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 1604.	2.2	4
404	Bioinorganic supplementation of calcium phosphate-based bone substitutes to improve <i>in vivo</i> performance: a systematic review and meta-analysis of animal studies. <i>Biomaterials Science</i> , 2020, 8, 4792-4809.	2.6	15
405	Emerging Nanotechnology in Non-Surgical Periodontal Therapy in Animal Models: A Systematic Review. <i>Nanomaterials</i> , 2020, 10, 1414.	1.9	7
406	Levelling the Translational Gap for Animal to Human Efficacy Data. <i>Animals</i> , 2020, 10, 1199.	1.0	49
407	Therapeutic interventions to restore microcirculatory perfusion following experimental hemorrhagic shock and fluid resuscitation: A systematic review. <i>Microcirculation</i> , 2020, 27, e12650.	1.0	9
408	Protective Effect and Possible Mechanisms of Astragaloside IV in Animal Models of Diabetic Nephropathy: A Preclinical Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 988.	1.6	6
409	The Effects of Palm Oil on Plasma and Serum Lipid Parameters: A Systematic Review on Animal Intervention Studies. <i>Frontiers in Veterinary Science</i> , 2020, 7, 303.	0.9	4
410	Welfare Impact of Carbon Dioxide Euthanasia on Laboratory Mice and Rats: A Systematic Review. <i>Frontiers in Veterinary Science</i> , 2020, 7, 411.	0.9	18
411	Autophagy modulation in animal models of corneal diseases: a systematic review. <i>Molecular and Cellular Biochemistry</i> , 2020, 474, 41-55.	1.4	5
412	Effect of Sodium-Glucose Cotransporter-2 Inhibitors on Endothelial Function: A Systematic Review of Preclinical Studies. <i>Diabetes Therapy</i> , 2020, 11, 1947-1963.	1.2	55
413	Efficacy of stem cell therapy for burn wounds: a systematic review and meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2020, 11, 322.	2.4	17
414	Acupuncture for Cancer-Induced Bone Pain in Animal Models: A Systemic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	0.5	1

#	ARTICLE	IF	CITATIONS
415	Effect of essential oils on <i>Leishmania amazonensis</i> : a systematic review. <i>Parasitology</i> , 2020, 147, 1392-1407.	0.7	15
416	Cell Therapy Improves Cardiac Function in Anthracycline-Induced Cardiomyopathy Preclinical Models: A Systematic Review and Meta-Analysis. <i>Stem Cells and Development</i> , 2020, 29, 1247-1265.	1.1	1
417	Cadmium Exposure and Testis Susceptibility: a Systematic Review in Murine Models. <i>Biological Trace Element Research</i> , 2021, 199, 2663-2676.	1.9	12
418	In vivo studies on antibiotic combination for the treatment of carbapenem-resistant Gram-negative bacteria: a systematic review and meta-analysis protocol. <i>BMI Open Science</i> , 2020, 44, e100055.	0.8	2
419	Does the rate of orthodontic tooth movement change during pregnancy and lactation? A systematic review of the evidence from animal studies. <i>BMC Oral Health</i> , 2020, 20, 237.	0.8	5
420	Sacral Neuromodulation for Lower Urinary Tract and Bowel Dysfunction in Animal Models: A Systematic Review With Focus on Stimulation Parameter Selection. <i>Neuromodulation</i> , 2020, 23, 1094-1107.	0.4	7
421	Cannabinoids and Prostate Cancer: A Systematic Review of Animal Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6265.	1.8	17
422	Photo and Plasma Activation of Dental Implant Titanium Surfaces. A Systematic Review with Meta-Analysis of Pre-Clinical Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 2817.	1.0	22
423	Association between Drinking Water Nitrate and Adverse Reproductive Outcomes: A Systematic PRISMA Review. <i>Water (Switzerland)</i> , 2020, 12, 2287.	1.2	7
424	Roles of Cannabinoids in Melanoma: Evidence from In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6040.	1.8	22
425	Annexin A1: A Bane or a Boon in Cancer? A Systematic Review. <i>Molecules</i> , 2020, 25, 3700.	1.7	14
426	Systematic review of extracellular vesicle-based treatments for lung injury: are EVs a potential therapy for COVID-19?. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1795365.	5.5	66
427	Currently prescribed drugs in the UK that could upregulate or downregulate ACE2 in COVID-19 disease: a systematic review. <i>BMJ Open</i> , 2020, 10, e040644.	0.8	26
428	Effects of mesenchymal stromal cell-conditioned media on measures of lung structure and function: a systematic review and meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2020, 11, 399.	2.4	8
429	Mesenchymal Stem Cell Therapy for Osteoradionecrosis of the Mandible: a Systematic Review of Preclinical and Human Studies. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1208-1221.	1.7	12
430	Draft for internal testing Scientific Committee guidance on appraising and integrating evidence from epidemiological studies for use in EFSA's scientific assessments. <i>EFSA Journal</i> , 2020, 18, e06221.	0.9	13
431	Muscle hypertrophy and ladder-based resistance training for rodents: A systematic review and meta-analysis. <i>Physiological Reports</i> , 2020, 8, e14502.	0.7	9
432	The Gut Microbiome in Psychosis From Mice to Men: A Systematic Review of Preclinical and Clinical Studies. <i>Frontiers in Psychiatry</i> , 2020, 11, 799.	1.3	19

#	ARTICLE	IF	CITATIONS
433	Metabolic and behavioural effects in offspring exposed to maternal sucrose consumption: a systematic review and meta-analysis of data from rodent models. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 12, 1-16.	0.7	1
434	A practical guide to preclinical systematic review and meta-analysis. <i>Pain</i> , 2020, 161, 1949-1954.	2.0	21
435	Comparison of freshly cultured versus freshly thawed (cryopreserved) mesenchymal stem cells in preclinical in vivo models of inflammation: a protocol for a preclinical systematic review and meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 188.	2.5	3
436	Altered mastication adversely impacts morpho-functional features of the hippocampus: A systematic review on animal studies in three different experimental conditions involving the masticatory function. <i>PLoS ONE</i> , 2020, 15, e0237872.	1.1	20
437	Prenatal Amino Acid Supplementation to Improve Fetal Growth: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2020, 12, 2535.	1.7	20
438	What Is the Impact of Depletion of Immunoregulatory Genes on Wound Healing? A Systematic Review of Preclinical Evidence. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	6
439	Efficacy and Mode of Action of Mesenchymal Stem Cells in Non-Ischemic Dilated Cardiomyopathy: A Systematic Review. <i>Biomedicines</i> , 2020, 8, 570.	1.4	11
440	Effectiveness of nanoscale delivery systems on improving the bioavailability of lutein in rodent models: a systematic review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2375-2390.	5.4	9
441	Effects of Cyclocarya paliurus Aqueous and Ethanol Extracts on Glucolipid Metabolism and the Underlying Mechanisms: A Meta-Analysis and Systematic Review. <i>Frontiers in Nutrition</i> , 2020, 7, 605605.	1.6	8
442	Effects of the local administration of antibiotics on bone formation on implant surface in animal models: A systematic review and meta-analysis. <i>Japanese Dental Science Review</i> , 2020, 56, 177-183.	2.0	7
443	Stem Cells as Therapy for Necrotizing Enterocolitis: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Frontiers in Pediatrics</i> , 2020, 8, 578984.	0.9	15
444	The Influence of Eggshell on Bone Regeneration in Preclinical In Vivo Studies. <i>Biology</i> , 2020, 9, 476.	1.3	10
445	Systematic Review: Anaesthetic Protocols and Management as Confounders in Rodent Blood Oxygen Level Dependent Functional Magnetic Resonance Imaging (BOLD fMRI) – Part A: Effects of Changes in Physiological Parameters. <i>Frontiers in Neuroscience</i> , 2020, 14, 577119.	1.4	15
446	Anti-angiogenic effect of tripterygium glycosides tablets in animal models of rheumatoid arthritis: A systematic review and meta-analysis. <i>Journal of Traditional Chinese Medical Sciences</i> , 2020, 7, 291-300.	0.1	2
447	Low-Intensity Pulsed Ultrasound as a Potential Adjuvant Therapy to Promote Spinal Fusion. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 2005-2017.	0.8	3
448	The effects of resistant starches on inflammatory bowel disease in preclinical and clinical settings: a systematic review and meta-analysis. <i>BMC Gastroenterology</i> , 2020, 20, 372.	0.8	17
449	Physical Activity and Breast Cancer Prevention: Possible Role of Immune Mediators. <i>Frontiers in Nutrition</i> , 2020, 7, 557997.	1.6	17
450	Peptides from Animal Origin: A Systematic Review on Biological Sources and Effects on Skin Wounds. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	4

#	ARTICLE	IF	CITATIONS
451	Influence of polychlorinated biphenyls and organochlorine pesticides on the inflammatory milieu. A systematic review of in vitro, in vivo and epidemiological studies. <i>Environmental Research</i> , 2020, 186, 109561.	3.7	21
452	Comparison of drug efficacy in two animal models of type 2 diabetes: A systematic review and meta-analysis. <i>European Journal of Pharmacology</i> , 2020, 879, 173153.	1.7	6
453	Cannabinoid therapies in the management of sleep disorders: A systematic review of preclinical and clinical studies. <i>Sleep Medicine Reviews</i> , 2020, 53, 101339.	3.8	96
454	The effect of hemodilution on free flap survival: A systematic review of clinical and experimental studies. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 457-466.	0.9	2
455	Adipose-derived stem cells in wound healing of full-thickness skin defects: a review of the literature. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020, 54, 263-279.	0.4	29
456	Gut bacterial microbiome composition and statin intake—A systematic review. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00601.	1.1	31
457	Tumor Necrosis Factor- α , the Pathological Key to Post-Traumatic Epilepsy: A Comprehensive Systematic Review. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1900-1908.	1.7	10
458	Systematic Review and Meta-Analysis of the Efficacy of Nanoscale Materials Against Coronaviruses—Possible Potential Antiviral Agents for SARS-CoV-2. <i>IEEE Transactions on Nanobioscience</i> , 2020, 19, 485-497.	2.2	19
459	A comprehensive review of biochemical factors in herbs and their constituent compounds in experimental studies on alopecia. <i>Journal of Ethnopharmacology</i> , 2020, 258, 112907.	2.0	9
460	A novel study evaluation strategy in the systematic review of animal toxicology studies for human health assessments of environmental chemicals. <i>Environment International</i> , 2020, 141, 105736.	4.8	9
461	Mesenchymal stem cells and their application to rotator cuff pathology: A meta-analysis of pre-clinical studies. <i>Osteoarthritis and Cartilage Open</i> , 2020, 2, 100047.	0.9	4
462	Immunoglobulins as Biomarkers for Gastrointestinal Nematodes Resistance in Small Ruminants: A systematic review. <i>Scientific Reports</i> , 2020, 10, 7765.	1.6	22
463	Sex Specific Determinants in Osteoarthritis: A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3696.	1.8	37
464	The use of cyclodextrin inclusion complexes to improve anticancer drug profiles: a systematic review. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1069-1080.	2.4	21
465	Choline, Neurological Development and Brain Function: A Systematic Review Focusing on the First 1000 Days. <i>Nutrients</i> , 2020, 12, 1731.	1.7	66
466	Evaluation of targetable biomarkers for chimeric antigen receptor T-cell (CAR-T) in the treatment of pancreatic cancer: a systematic review and meta-analysis of preclinical studies. <i>International Reviews of Immunology</i> , 2020, 39, 223-232.	1.5	5
467	The intrinsic plasticity of medial vestibular nucleus neurons during vestibular compensation—a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 145.	2.5	8
468	Translational Potential of Metabolomics on Animal Models of Inflammatory Bowel Disease—A Systematic Critical Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3856.	1.8	6

#	ARTICLE	IF	CITATIONS
469	Efficacy of mesenchymal stem cell therapy for sepsis: a meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2020, 11, 214.	2.4	30
470	Photobiomodulation for spinal cord injury: A systematic review and meta-analysis. <i>Physiology and Behavior</i> , 2020, 224, 112977.	1.0	23
471	The Impact of Common Recovery Blood Sampling Methods, in Mice (<i>Mus Musculus</i>), on Well-Being and Sample Quality: A Systematic Review. <i>Animals</i> , 2020, 10, 989.	1.0	10
472	Pericyte in Oral Squamous Cell Carcinoma: A Systematic Review. <i>Head and Neck Pathology</i> , 2020, 14, 1080-1091.	1.3	12
473	A Systematic Review Comparing Experimental Design of Animal and Human Methotrexate Efficacy Studies for Rheumatoid Arthritis: Lessons for the Translational Value of Animal Studies. <i>Animals</i> , 2020, 10, 1047.	1.0	8
474	Photofunctionalization as a suitable approach to improve the osseointegration of implants in animal models—A systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2020, 31, 785-802.	1.9	15
475	Platelet Features and Derivatives in Osteoporosis: A Rational and Systematic Review on the Best Evidence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1762.	1.8	13
476	Systematic Review of Photobiomodulation Therapy (PBMT) on the Experimental Calcaneal Tendon Injury in Rats. <i>Photochemistry and Photobiology</i> , 2020, 96, 981-997.	1.3	8
477	The Effects of Obesity on Outcome in Preclinical Animal Models of Infection and Sepsis: A Systematic Review and Meta-Analysis. <i>Journal of Obesity</i> , 2020, 2020, 1-13.	1.1	9
478	The Impact of Bioceramic Scaffolds on Bone Regeneration in Preclinical In Vivo Studies: A Systematic Review. <i>Materials</i> , 2020, 13, 1500.	1.3	27
479	The role of the immune system in tendon healing: a systematic review. <i>British Medical Bulletin</i> , 2020, 133, 49-64.	2.7	26
480	Role of TiO ₂ Nanotubes on the Surface of Implants in Osseointegration in Animal Models: A Systematic Review and Meta-Analysis. <i>Journal of Prosthodontics</i> , 2020, 29, 501-510.	1.7	13
481	Effect of pharmacological agents on relapse following orthodontic tooth movement: Angle Orthodontist, 2020, 90, 598-606.	1.1	6
482	Cognitive Bias Under Adverse and Rewarding Conditions: A Systematic Review of Rodent Studies. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 14.	1.0	20
483	Safety and Neuroprotective Efficacy of Palm Oil and Tocotrienol-Rich Fraction from Palm Oil: A Systematic Review. <i>Nutrients</i> , 2020, 12, 521.	1.7	26
484	Engineered Prevascularization for Oral Tissue Grafting: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 383-398.	2.5	13
485	The Treatment of Cartilage Damage Using Human Mesenchymal Stem Cell-Derived Extracellular Vesicles: A Systematic Review of in vivo Studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 580.	2.0	15
486	Preclinical relevance of probiotics in type 2 diabetes: A systematic review. <i>International Journal of Experimental Pathology</i> , 2020, 101, 68-79.	0.6	7

#	ARTICLE	IF	CITATIONS
487	Evaluation of the potential use of cannabidiol in the treatment of cocaine use disorder: A systematic review. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172982.	1.3	18
488	Safety and efficacy of cell therapies in pediatric heart disease: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2020, 11, 272.	2.4	4
489	Mesenchymal stem cell exosomes in bone regenerative strategies—a systematic review of preclinical studies. <i>Materials Today Bio</i> , 2020, 7, 100067.	2.6	82
490	Does cannabis complement or substitute alcohol consumption? A systematic review of human and animal studies. <i>Journal of Psychopharmacology</i> , 2020, 34, 938-954.	2.0	48
491	Early imaging signs of the use of antiresorptive medication and MRONJ: a systematic review. <i>Clinical Oral Investigations</i> , 2020, 24, 2973-2989.	1.4	21
492	Gap Analysis of Swine-Based Hemostasis Research: “Houses of Brick or Mansions of Straw”? <i>Military Medicine</i> , 2020, 185, 88-95.	0.4	4
493	Long-term neuropathological and/or neurobehavioral effects of antenatal corticosteroid therapy in animal models: a systematic review. <i>Pediatric Research</i> , 2020, 87, 1157-1170.	1.1	14
494	<i>Morinda morindoides</i> : A systematic review of its therapeutic activities. <i>South African Journal of Botany</i> , 2020, 131, 93-103.	1.2	4
495	Methodological quality (risk of bias) assessment tools for primary and secondary medical studies: what are they and which is better?. <i>Military Medical Research</i> , 2020, 7, 7.	1.9	628
496	Anthelmintic medicinal plants in veterinary ethnopharmacology: A network meta-analysis following the PRISMA-P and PROSPERO recommendations. <i>Heliyon</i> , 2020, 6, e03256.	1.4	12
497	Humans are animals, but are animals human enough? A systematic review and meta-analysis on interspecies differences in renal drug clearance. <i>Drug Discovery Today</i> , 2020, 25, 706-717.	3.2	28
498	Efficacy of Curcumin on Aortic Atherosclerosis: A Systematic Review and Meta-Analysis in Mouse Studies and Insights into Possible Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	18
499	Physical exercise effects on metastasis: a systematic review and meta-analysis in animal cancer models. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 91-114.	2.7	5
500	Effect of statins on orthodontic tooth movement: A systematic review of animal and clinical studies. <i>Archives of Oral Biology</i> , 2020, 111, 104665.	0.8	5
501	Feeling down? A systematic review of the gut microbiota in anxiety/depression and irritable bowel syndrome. <i>Journal of Affective Disorders</i> , 2020, 266, 429-446.	2.0	97
502	Exercise effects on brain and behavior in healthy mice, Alzheimer’s disease and Parkinson’s disease model—A systematic review and meta-analysis. <i>Behavioural Brain Research</i> , 2020, 383, 112488.	1.2	37
503	Conflicting Effects of Fetal Growth Restriction on Blood Pressure Between Human and Rat Offspring. <i>Hypertension</i> , 2020, 75, 806-818.	1.3	10
504	Quercetin in Animal Models of Alzheimer’s Disease: A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 493.	1.8	60

#	ARTICLE	IF	CITATIONS
505	Preclinical Evidence of Probiotics in Colorectal Carcinogenesis: A Systematic Review. <i>Digestive Diseases and Sciences</i> , 2020, 65, 3197-3210.	1.1	15
506	Kaixinsan, a Well-Known Chinese Herbal Prescription, for Alzheimer's Disease and Depression: A Preclinical Systematic Review. <i>Frontiers in Neuroscience</i> , 2019, 13, 1421.	1.4	23
507	Praziquantel versus praziquantel associated with immunomodulators in mice infected with <i>schistosoma mansoni</i> : A systematic review and meta-analysis. <i>Acta Tropica</i> , 2020, 204, 105359.	0.9	4
508	IGL-1 preservation solution in kidney and pancreas transplantation: A systematic review. <i>PLoS ONE</i> , 2020, 15, e0231019.	1.1	9
509	Patient-Derived Orthotopic Xenograft models in gastric cancer: a systematic review. <i>Updates in Surgery</i> , 2020, 72, 951-966.	0.9	14
510	Cardiac radioablation—A systematic review. <i>Heart Rhythm</i> , 2020, 17, 1381-1392.	0.3	94
511	Placebo and nocebo effects for itch and itch-related immune outcomes: A systematic review of animal and human studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 113, 325-337.	2.9	9
512	The transverse aortic constriction heart failure animal model: a systematic review and meta-analysis. <i>Heart Failure Reviews</i> , 2021, 26, 1515-1524.	1.7	36
513	Perinatal selective serotonin reuptake inhibitor exposure and behavioral outcomes: A systematic review and meta-analyses of animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 114, 53-69.	2.9	27
514	Effect of carotenoid encapsulation on antioxidant activities. <i>Medicine (United States)</i> , 2020, 99, e19772.	0.4	4
515	A Systematic Review on Transplantation Studies of the Retinal Pigment Epithelium in Animal Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2719.	1.8	19
516	Prospect of stem cells conditioned medium (secretome) in ligament and tendon healing: A systematic review. <i>Stem Cells Translational Medicine</i> , 2020, 9, 895-902.	1.6	25
517	Modulation of interleukin expression by medicinal plants and their secondary metabolites: A systematic review on anti-asthmatic and immunopharmacological mechanisms. <i>Phytomedicine</i> , 2020, 70, 153229.	2.3	11
518	Verum- versus Sham-Acupuncture on Alzheimer's Disease (AD) in Animal Models: A Preclinical Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2020, 2020, 1-21.	0.9	7
519	Invited Response on: Effect of Platelet-Rich Fibrin on Fat Grafting in Animal Models—A Meta-Analysis. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 1073-1074.	0.5	1
520	Repercussions of maternal exposure to high-fat diet on offspring feeding behavior and body composition: a systematic review. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 220-228.	0.7	8
521	Mesenchymal Stem Cell Exosomes for Cartilage Regeneration: A Systematic Review of Preclinical <i>In Vivo</i> Studies. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 1-13.	2.5	46
522	Sleep-disordered breathing in pregnancy: a developmental origin of offspring obesity?. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 237-249.	0.7	6

#	ARTICLE	IF	CITATIONS
523	Human white-fat thermogenesis: Experimental and meta-analytic findings. <i>Temperature</i> , 2021, 8, 39-52.	1.7	5
524	Brown adipose tissue transplantation as a novel alternative to obesity treatment: a systematic review. <i>International Journal of Obesity</i> , 2021, 45, 109-121.	1.6	37
525	A meta-analysis of remote ischaemic conditioning in experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3-13.	2.4	18
526	Nonsteroidal Anti-Inflammatory Drugs and Their Neuroprotective Role After an Acute Spinal Cord Injury: A Systematic Review of Animal Models. <i>Global Spine Journal</i> , 2021, 11, 365-377.	1.2	15
527	The association between diazinon exposure and dyslipidemia occurrence: a systematic and meta-analysis study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3994-4006.	2.7	6
528	Osseointegration Pharmacology: A Systematic Mapping Using Artificial Intelligence. <i>Acta Biomaterialia</i> , 2021, 119, 284-302.	4.1	9
529	Is coating of titanium implants effective at preventing <i>Staphylococcus aureus</i> infections? A meta-analysis of animal model studies. <i>International Orthopaedics</i> , 2021, 45, 821-835.	0.9	9
530	Human Stem Cell Based Tissue Engineering for <i>In Vivo</i> Cartilage Repair: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2021, 27, 74-93.	2.5	10
531	Regulatory T Cells in Bioactive Peptides-Induced Oral Tolerance; a Two-Edged Sword Related to the Risk of Chronic Diseases: A Systematic Review. <i>Nutrition and Cancer</i> , 2021, 73, 956-967.	0.9	7
532	Could medications and biologic factors affect post-orthodontic tooth movement changes? A systematic review of animal studies. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 39-51.	1.2	10
533	Induction, Treatment, and Prevention of Temporomandibular Joint Ankylosis—A Systematic Review of Comparative Animal Studies. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 109-132.e6.	0.5	7
534	Sleep problems in Rett syndrome animal models: A systematic review. <i>Journal of Neuroscience Research</i> , 2021, 99, 529-544.	1.3	12
535	The current evidence for the treatment of sepsis with Xuebijing injection: Bioactive constituents, findings of clinical studies and potential mechanisms. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113301.	2.0	40
536	Esophageal defect repair by artificial scaffolds: a systematic review of experimental studies and proportional meta-analysis. <i>Ecological Management and Restoration</i> , 2021, 34, .	0.2	3
537	Influence of thyroxine supplementation on orthodontically induced tooth movement and/or inflammatory root resorption: A systematic review. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 206-213.	1.2	3
538	Experimental Devices Versus Hand-Sewn Anastomosis of the Aorta: A Systematic Review and Meta-Analysis. <i>Journal of Surgical Research</i> , 2021, 258, 200-212.	0.8	1
539	Male reproductive toxicity of perfluorooctanoate (PFOA): Rodent studies. <i>Chemosphere</i> , 2021, 270, 128608.	4.2	24
540	Monoterpenes as a perspective for the treatment of seizures: A Systematic Review. <i>Phytomedicine</i> , 2021, 81, 153422.	2.3	12

#	ARTICLE	IF	CITATIONS
541	Intergenerational influence of paternal physical activity on the offspring's brain: A systematic review and meta-analysis. <i>International Journal of Developmental Neuroscience</i> , 2021, 81, 10-25.	0.7	5
542	Effects of probiotics supplementation on dementia and cognitive impairment: A systematic review and meta-analysis of preclinical and clinical studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110189.	2.5	25
543	Reviewing the animal literature: how to describe and choose between different types of literature reviews. <i>Laboratory Animals</i> , 2021, 55, 129-141.	0.5	14
544	Impact of sesquiterpene lactones on the skin and skin-related cells? A systematic review of in vitro and in vivo evidence. <i>Life Sciences</i> , 2021, 265, 118815.	2.0	2
545	The effect of diazinon on blood glucose homeostasis: a systematic and meta-analysis study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4007-4018.	2.7	5
546	Preclinical Studies of MSC-Derived Extracellular Vesicles to Treat or Prevent Graft Versus Host Disease: a Systematic Review of the Literature. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 332-340.	1.7	14
547	Exploring the effects of phenolic compounds to reduce intestinal damage and improve the intestinal barrier integrity: A systematic review of in vivo animal studies. <i>Clinical Nutrition</i> , 2021, 40, 1719-1732.	2.3	22
548	Systematic review of Marburg virus vaccine nonhuman primate studies and human clinical trials. <i>Vaccine</i> , 2021, 39, 202-208.	1.7	29
549	Biodegradable metals for bone fracture repair in animal models: a systematic review. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa047.	1.9	27
550	Natural products improve healthspan in aged mice and rats: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 121, 89-105.	2.9	10
551	Effects of hypercapnia in sepsis: A scoping review of clinical and pre-clinical data. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 430-437.	0.7	2
552	The anti-adhesive effect of anti-VEGF agents in experimental models: A systematic review. <i>Wound Repair and Regeneration</i> , 2021, 29, 168-182.	1.5	1
553	Nutritional interventions to improve neurophysiological impairments following traumatic brain injury: A systematic review. <i>Journal of Neuroscience Research</i> , 2021, 99, 573-603.	1.3	10
554	The safety and efficacy of <i>Momordica charantia</i> L. in animal models of type 2 diabetes mellitus: A systematic review and meta-analysis. <i>Phytotherapy Research</i> , 2021, 35, 637-656.	2.8	7
555	Effects of photobiomodulation on bone defects grafted with bone substitutes: A systematic review of in vivo animal studies. <i>Journal of Biophotonics</i> , 2021, 14, e202000267.	1.1	27
556	Matrix metalloproteinase-9 in relation to patients with complications after colorectal surgery: a systematic review. <i>International Journal of Colorectal Disease</i> , 2021, 36, 1-10.	1.0	15
557	Targeted therapy strategies against SARS-CoV-2 cell entry mechanisms: A systematic review of in vitro and in vivo studies. <i>Journal of Cellular Physiology</i> , 2021, 236, 2364-2392.	2.0	65
558	Does Dietary Intake Impact Omentin Gene Expression and Plasma Concentration? A Systematic Review. <i>Lifestyle Genomics</i> , 2021, 14, 49-61.	0.6	4

#	ARTICLE	IF	CITATIONS
559	A protocol for the systematic review and meta-analysis of thigmotactic behaviour in the open field test in rodent models associated with persistent pain. <i>BMJ Open Science</i> , 2021, 5, e100135.	0.8	2
560	A Systematic Review and Meta-Analysis of the Relationship Between Social Dominance Status and Common Behavioral Phenotypes in Male Laboratory Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 624036.	1.0	11
561	Influence of mini-screw implant-assisted intrusion on orthodontically induced inflammatory root resorption: a systematic review. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2021, 22, 341-349.	0.7	3
562	Effects of Iron and Zinc Biofortified Foods on Gut Microbiota In Vivo (<i>Gallus gallus</i>): A Systematic Review. <i>Nutrients</i> , 2021, 13, 189.	1.7	21
563	Effects of natural extracts in the treatment of oral ulcers: A systematic review of evidence from experimental studies in animals. <i>Journal of Clinical and Experimental Dentistry</i> , 2021, 13, e1038-e1048.	0.5	10
564	Mesenchymal stem cell therapy in hypertrophic and keloid scars. <i>Cell and Tissue Research</i> , 2021, 383, 915-930.	1.5	29
565	COVID and Animal Trials: A Systematic Review. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021, 13, S31-S35.	0.2	4
566	Systematic review in evidence-based risk assessment_suppl. <i>ALTEX: Alternatives To Animal Experimentation</i> , 0, .	0.9	0
567	Systematic Review and Meta-Analysis of the Efficacy of MLC901 (NeuroAiD II TM) for Acute Ischemic Brain Injury in Animal Models. <i>Journal of Evidence-based Integrative Medicine</i> , 2021, 26, 2515690X2110392.	1.4	3
568	Laser Photobiomodulation (PBM) – A Possible New Frontier for the Treatment of Oral Cancer: A Review of In Vitro and In Vivo Studies. <i>Healthcare (Switzerland)</i> , 2021, 9, 134.	1.0	11
569	Effect of traditional Chinese medicine on anthracycline-induced cardiotoxicity in animal models: A systematic review and meta-analysis. <i>Journal of Traditional Chinese Medical Sciences</i> , 2021, 8, 17-26.	0.1	0
570	Potential effects of pomegranate (<i>Punica granatum</i>) on rheumatoid arthritis: A systematic review. <i>International Journal of Clinical Practice</i> , 2021, 75, e13999.	0.8	11
571	Efficacy of probiotics in multiple sclerosis: a systematic review of preclinical trials and meta-analysis of randomized controlled trials. <i>Food and Function</i> , 2021, 12, 2354-2377.	2.1	29
572	A Comprehensive insight into the effect of chromium supplementation on oxidative stress indices in diabetes mellitus: A systematic review. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 291-309.	0.9	19
573	Probiotic and commensal gut microbial therapies in multiple sclerosis and its animal models: a comprehensive review. <i>Gut Microbes</i> , 2021, 13, 1943289.	4.3	12
574	Systematic review in evidence-based risk assessment. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, .	0.9	3
575	Relationship of <i>Porphyromonas gingivalis</i> and Alzheimer's disease: a systematic review of pre-clinical studies. <i>Clinical Oral Investigations</i> , 2021, 25, 797-806.	1.4	36
576	Clinical relevance assessment of animal preclinical research (RAA) tool: development and explanation. <i>PeerJ</i> , 2021, 9, e10673.	0.9	8

#	ARTICLE	IF	CITATIONS
577	Animal models for pelvic organ prolapse: systematic review. <i>International Urogynecology Journal</i> , 2021, 32, 1331-1344.	0.7	14
578	Skin adhesion to the percutaneous component of direct bone anchored systems: systematic review on preclinical approaches and biomaterials. <i>Biomaterials Science</i> , 2021, 9, 7008-7023.	2.6	3
579	A systematic review of experimental evidence for antiviral effects of ivermectin and an in silico analysis of ivermectin's possible mode of action against SARS-CoV-2. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 260-276.	1.0	29
580	Proximal interphalangeal joint arthrodesis in horses: A protocol for meta-analyses of the retrospective studies. <i>Clinical Research and Trials</i> , 2021, 7, .	0.1	0
581	Immune responses to azacytidine in animal models of inflammatory disorders: a systematic review. <i>Journal of Translational Medicine</i> , 2021, 19, 11.	1.8	10
582	Nature Exposure and Its Effects on Immune System Functioning: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1416.	1.2	51
583	Impact of Food Additive Titanium Dioxide on Gut Microbiota Composition, Microbiota-Associated Functions, and Gut Barrier: A Systematic Review of In Vivo Animal Studies. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2008.	1.2	17
584	Effect of Panax notoginseng Saponins on Focal Cerebral Ischemia-Reperfusion in Rat Models: A Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020, 11, 572304.	1.6	12
585	Low-Intensity Pulsed Ultrasound Augments Tendon, Ligament, and Bone-Soft Tissue Healing in Preclinical Animal Models: A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2318-2333.e3.	1.3	24
586	Efficacy of ketamine in relieving neuropathic pain: a systematic review and meta-analysis of animal studies. <i>Pain</i> , 2021, 162, 2320-2330.	2.0	15
587	The poly(I:C)-induced maternal immune activation model; a systematic review and meta-analysis of cytokine levels in the offspring. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 11, 100192.	1.3	17
588	Insights and future directions of potential genetic therapy for Apert syndrome: A systematic review. <i>Gene Therapy</i> , 2021, 28, 620-633.	2.3	2
589	Polyphenols as Prebiotics in the Management of High-Fat Diet-Induced Obesity: A Systematic Review of Animal Studies. <i>Foods</i> , 2021, 10, 299.	1.9	28
590	Effect of nicotine exposure on the rate of orthodontic tooth movement: A meta-analysis based on animal studies. <i>PLoS ONE</i> , 2021, 16, e0247011.	1.1	1
591	Therapeutic Role of Nystatin Added to Tissue Conditioners for Treating Denture-Induced Stomatitis: A Systematic Review. <i>Prosthesis</i> , 2021, 3, 61-74.	1.1	12
592	EFFECT OF PHYSICAL EXERCISE ON COLORECTAL CANCER: SYSTEMATIC REVIEW. <i>International Journal for Innovation Education and Research</i> , 2021, 9, 143-169.	0.0	0
593	Systematic Review of Effectiveness of Chitosan as a Biofunctionalizer of Titanium Implants. <i>Biology</i> , 2021, 10, 102.	1.3	11
594	Role of Melatonin in Bone Remodeling around Titanium Dental Implants: Meta-Analysis. <i>Coatings</i> , 2021, 11, 271.	1.2	3

#	ARTICLE	IF	CITATIONS
595	Plant-Derived Food Grade Substances (PDFGS) Active Against Respiratory Viruses: A Systematic Review of Non-clinical Studies. <i>Frontiers in Nutrition</i> , 2021, 8, 606782.	1.6	7
596	Relevance of the Isoflavone Absorption and Testicular Function: A Systematic Review of Preclinical Evidence. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	0.5	3
597	Brain More Resistant to Energy Restriction Than Body: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 639617.	1.4	9
598	Penetration Enhancers for Topical Drug Delivery to the Ocular Posterior Segment—A Systematic Review. <i>Pharmaceutics</i> , 2021, 13, 276.	2.0	22
599	The utilization of small non-mammals in traumatic brain injury research: A systematic review. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 381-402.	1.9	7
600	The effectiveness of locally injected platelet-rich plasma on orthodontic tooth movement acceleration: <i>Angle Orthodontist</i> , 2021, 91, 391-398.	1.1	9
601	Meta-research publications in dentistry: a review. <i>European Journal of Oral Sciences</i> , 2021, 129, e12748.	0.7	7
602	The Promising Ability of <i>Humulus lupulus</i> L. Iso- α -acids vs. Diabetes, Inflammation, and Metabolic Syndrome: A Systematic Review. <i>Molecules</i> , 2021, 26, 954.	1.7	12
603	Social isolation at adolescence: a systematic review on behaviour related to cocaine, amphetamine and nicotine use in rats and mice. <i>Psychopharmacology</i> , 2021, 238, 927-947.	1.5	12
604	Bisphosphonates as disease-modifying drugs in osteoarthritis preclinical studies: a systematic review from 2000 to 2020. <i>Arthritis Research and Therapy</i> , 2021, 23, 60.	1.6	27
605	Systematic Review of the Preclinical Technology Readiness of Orthopedic Gene Therapy and Outlook for Clinical Translation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 626315.	2.0	3
606	Static magnetic stimulation in the central nervous system: a systematic review. <i>Neurological Sciences</i> , 2021, 42, 1733-1749.	0.9	3
607	Persistence of CRISPR/Cas9 Gene Edited Hematopoietic Stem Cells Following Transplantation: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Stem Cells Translational Medicine</i> , 2021, 10, 996-1007.	1.6	8
608	Defining indocyanine green fluorescence to assess anastomotic perfusion during gastrointestinal surgery: systematic review. <i>BJS Open</i> , 2021, 5, .	0.7	24
609	A systematic, integrative review of the effects of the endocannabinoid system on inflammation and neurogenesis in animal models of affective disorders. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 353-367.	2.0	14
610	Effects of sleep deprivation on maternal behaviour in animal models: A systematic review and meta-analysis. <i>Journal of Sleep Research</i> , 2021, 30, e13333.	1.7	3
611	Posterior Mandibular Displacement—A Systematic Review Based on Animal Studies. <i>Animals</i> , 2021, 11, 823.	1.0	5
612	Cell-Based Therapy for Tooth Replantation Following Avulsion: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 351-363.	2.5	4

#	ARTICLE	IF	CITATIONS
614	Effects of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers on Angiotensin-Converting Enzyme 2 Levels: A Comprehensive Analysis Based on Animal Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 619524.	1.6	18
615	Efficacy of Essential Oils in Pain: A Systematic Review and Meta-Analysis of Preclinical Evidence. <i>Frontiers in Pharmacology</i> , 2021, 12, 640128.	1.6	24
616	Efficacy of Edible Bird's Nest on Cognitive Functions in Experimental Animal Models: A Systematic Review. <i>Nutrients</i> , 2021, 13, 1028.	1.7	6
617	Effects of melanocortin-4 receptor (MC4R) antagonist on neuropathic pain hypersensitivity in rats: A systematic review and meta-analysis. <i>European Journal of Oral Sciences</i> , 2021, 129, e12786.	0.7	1
618	Cardioprotective effects of exercise training on doxorubicin-induced cardiomyopathy: a systematic review with meta-analysis of preclinical studies. <i>Scientific Reports</i> , 2021, 11, 6330.	1.6	11
619	Oral administration of mangiferin ameliorates diabetes in animal models: a meta-analysis and systematic review. <i>Nutrition Research</i> , 2021, 87, 57-69.	1.3	6
620	Protocol for systematic review and meta-analysis of the evidence linking hippocampal neurogenesis to the effects of antidepressants on mood and behaviour. <i>BMJ Open Science</i> , 2021, 5, e100077.	0.8	2
621	Efficacy of Alkaloids in Alleviating Myocardial Ischemia-Reperfusion Injury in Rats: A Meta-Analysis of Animal Studies. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	1
622	Nerve conduction studies in experimental models of autoimmune neuritis: A meta-analysis and guideline. <i>Journal of Neuroimmunology</i> , 2021, 352, 577470.	1.1	3
623	Preventing Staphylococcus aureus stainless steel-associated infections in orthopedics. A systematic review and meta-analysis of animal literature. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2615-2637.	1.2	3
624	PRIASE 2021 guidelines for reporting animal studies in Endodontology: explanation and elaboration. <i>International Endodontic Journal</i> , 2021, 54, 858-886.	2.3	15
625	Metabolic and neurological consequences of the treatment with polyphenols: a systematic review in rodent models of noncommunicable diseases. <i>Nutritional Neuroscience</i> , 2022, 25, 1680-1696.	1.5	11
626	Effectiveness of Antibacterial Surfaces in Osseointegration of Titanium Dental Implants: A Systematic Review. <i>Antibiotics</i> , 2021, 10, 360.	1.5	14
627	In Vivo Efficacy and Toxicity of Curcumin Nanoparticles in Breast Cancer Treatment: A Systematic Review. <i>Frontiers in Oncology</i> , 2021, 11, 612903.	1.3	23
628	Does supplementation with mitochondria improve oocyte competence? A systematic review. <i>Reproduction</i> , 2021, 161, 269-287.	1.1	10
629	Left gastric artery embolization for obesity treatment: a systematic review and meta-analysis of human and animal studies. <i>Abdominal Radiology</i> , 2021, 46, 4440-4451.	1.0	2
630	Role of rhBMP-7, Fibronectin, And Type I Collagen in Dental Implant Osseointegration Process: An Initial Pilot Study on Minipig Animals. <i>Materials</i> , 2021, 14, 2185.	1.3	12
631	Effects of ayahuasca and its alkaloids on substance use disorders: an updated (2016-2020) systematic review of preclinical and human studies. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 541-556.	1.8	21

#	ARTICLE	IF	CITATIONS
632	Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Preclinical Animal Models of Tumor Growth: Systematic Review and Meta-Analysis. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 993-1006.	1.7	7
633	The effects of heat stress exposure on free amino acid concentrations within the plasma and the brain of heat-exposed chicks: A systematic review and meta-analysis. <i>Journal of Thermal Biology</i> , 2021, 97, 102872.	1.1	3
634	Anticancer activity of limonene: A systematic review of target signaling pathways. <i>Phytotherapy Research</i> , 2021, 35, 4957-4970.	2.8	31
635	Therapeutically Targeting Microvascular Leakage in Experimental Hemorrhagic SHOCK: A Systematic Review and Meta-Analysis. <i>Shock</i> , 2021, 56, 890-900.	1.0	5
636	Systematic Review and Quality Evaluation Using ARRIVE 2.0 Guidelines on Animal Models Used for Periosteal Distraction Osteogenesis. <i>Animals</i> , 2021, 11, 1233.	1.0	8
637	Effect of ovariectomy-induced osteoporosis on the amount of orthodontic tooth movement: a systematic review of animal studies. <i>European Journal of Orthodontics</i> , 2021, 43, 672-681.	1.1	4
638	Resveratrol in Rodent Models of Parkinson's Disease: A Systematic Review of Experimental Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 644219.	1.6	35
640	A systematic review of preclinical studies on the efficacy of taurine for the treatment of rheumatoid arthritis. <i>Amino Acids</i> , 2021, 53, 783-800.	1.2	6
641	Contributions of Zebrafish Studies on the Behavioural Consequences of Early Alcohol Exposure: A Systematic Review. <i>Current Neuropharmacology</i> , 2021, 19, .	1.4	3
642	Maternal immune activation generates anxiety in offspring: A translational meta-analysis. <i>Translational Psychiatry</i> , 2021, 11, 245.	2.4	16
643	Low-speed drilling without irrigation versus conventional drilling for dental implant osteotomy preparation: a systematic review. <i>Clinical Oral Investigations</i> , 2021, 25, 4251-4267.	1.4	8
644	Does Low-Magnitude High-Frequency Vibration (LMHFV) Worth for Clinical Trial on Dental Implant? A Systematic Review and Meta-Analysis on Animal Studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 626892.	2.0	3
645	Effects of Anthocyanin on Intestinal Health: A Systematic Review. <i>Nutrients</i> , 2021, 13, 1331.	1.7	49
647	Effectiveness and mechanisms of adipose-derived stem cell therapy in animal models of Parkinson's disease: a systematic review and meta-analysis. <i>Translational Neurodegeneration</i> , 2021, 10, 14.	3.6	8
648	A systematic overview of the spermatotoxic and genotoxic effects of methotrexate, ganciclovir and mycophenolate mofetil. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1557-1580.	1.3	5
649	Neuroinflammation, neuronal damage or cognitive impairment associated with mechanical ventilation: A systematic review of evidence from animal studies. <i>Journal of Critical Care</i> , 2021, 62, 246-255.	1.0	9
650	Therapeutic effects of micro-RNAs in preclinical studies of acute kidney injury: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 9100.	1.6	6
651	A Cell-Based Approach to Dental Pulp Regeneration Using Mesenchymal Stem Cells: A Scoping Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4357.	1.8	9

#	ARTICLE	IF	CITATIONS
652	Current status of neuroprotective and neuroregenerative strategies in multiple sclerosis: A systematic review. <i>Multiple Sclerosis Journal</i> , 2022, 28, 29-48.	1.4	15
653	Cumulative procedural pain and brain development in very preterm infants: A systematic review of clinical and preclinical studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 320-336.	2.9	20
654	Evaluation of post-adolescence exposure to bisphenol A on reproductive outcomes of male rodent models. <i>Reproductive Toxicology</i> , 2021, 101, 124-136.	1.3	2
655	Differential role of melatonin in healthy brain aging: a systematic review and meta-analysis of the SAMP8 model. <i>Aging</i> , 2021, 13, 9373-9397.	1.4	11
656	Efficacy and Underlying Mechanism of Acupuncture in the Treatment of Posttraumatic Stress Disorder: A Systematic Review of Animal Studies. <i>Journal of Clinical Medicine</i> , 2021, 10, 1575.	1.0	11
657	The toxic effects of spent crankcase oil exposures; systematic review and meta-analysis. <i>Toxicological Research</i> , 2022, 38, 113-135.	1.1	0
658	Effect of Low Intensity Transcranial Ultrasound Stimulation on Neuromodulation in Animals and Humans: An Updated Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 620863.	1.4	27
659	Safety and efficacy of allylamines in the treatment of cutaneous and mucocutaneous leishmaniasis: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0249628.	1.1	9
660	MSC-Derived Extracellular Vesicles to Heal Diabetic Wounds: a Systematic Review and Meta-Analysis of Preclinical Animal Studies. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 968-979.	1.7	27
661	“Platelet-rich plasma holds promise in management of rheumatoid arthritis” systematic review. <i>Rheumatology International</i> , 2021, 41, 1895-1903.	1.5	3
662	Efficacy of Adipose-Derived Stem Cells as a Potential Cellular Therapy of Alzheimer’s Disease: A Comprehensive Systematic Review. <i>Journal of Skin and Stem Cell</i> , 2021, 7, .	0.1	0
663	Acupuncture for experimental cerebral ischemia/reperfusion injury: a systematic review of methodology and reporting quality. <i>Acupuncture in Medicine</i> , 2021, 39, 096452842110095.	0.4	2
664	Modern, exogenous exposures associated with altered mammary gland development: A systematic review. <i>Early Human Development</i> , 2021, 156, 105342.	0.8	5
665	Effects of osteoporosis on alveolar bone repair after tooth extraction: A systematic review of preclinical studies. <i>Archives of Oral Biology</i> , 2021, 125, 105054.	0.8	4
666	Do NMDA-R antagonists re-create patterns of spontaneous gamma-band activity in schizophrenia? A systematic review and perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 308-323.	2.9	25
667	The Effect of Low-Intensity Shockwave Therapy on Non-neurogenic Lower Urinary Tract Symptoms: A Systematic Review and Meta-analysis of Preclinical and Clinical Studies. <i>European Urology Focus</i> , 2022, 8, 840-850.	1.6	4
668	Rationalising animal research synthesis in orthopaedic literature. <i>World Journal of Methodology</i> , 2021, 11, 75-80.	1.1	0
669	Glucosamine and Chondroitin Sulfate: Is There Any Scientific Evidence for Their Effectiveness as Disease-Modifying Drugs in Knee Osteoarthritis Preclinical Studies? A Systematic Review from 2000 to 2021. <i>Animals</i> , 2021, 11, 1608.	1.0	18

#	ARTICLE	IF	CITATIONS
670	Targeting impaired nutrient sensing with repurposed therapeutics to prevent or treat age-related cognitive decline and dementia: A systematic review. <i>Ageing Research Reviews</i> , 2021, 67, 101302.	5.0	13
671	Animal experimental research assessing urogynecologic surgical mesh implants: Outcome measures describing the host response, a systematic review and meta-analysis. <i>Neurourology and Urodynamics</i> , 2021, 40, 1107-1119.	0.8	8
673	Relationship between Autism Spectrum Disorder and Pesticides: A Systematic Review of Human and Preclinical Models. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5190.	1.2	22
674	Epidemiology and reporting characteristics of preclinical systematic reviews. <i>PLoS Biology</i> , 2021, 19, e3001177.	2.6	12
675	Effects of melatonin supplementation on eating habits and appetite-regulating hormones: a systematic review of randomized controlled clinical and preclinical trials. <i>Chronobiology International</i> , 2021, 38, 1089-1102.	0.9	4
676	Extracellular matrix remodeling in animal models of anthracycline-induced cardiomyopathy: a meta-analysis. <i>Journal of Molecular Medicine</i> , 2021, 99, 1195-1207.	1.7	5
677	Donor Heart Preservation with Hydrogen Sulfide: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5737.	1.8	9
678	A systematic review and meta-analyses on animal models used in bone adhesive research. <i>Journal of Orthopaedic Research</i> , 2022, 40, 624-633.	1.2	5
679	Therapeutic role of extracellular vesicles derived from stem cells in cutaneous wound models: A systematic review. <i>Life Sciences</i> , 2021, 273, 119271.	2.0	12
680	The efficacy of mesenchymal stem cells in regenerating structures associated with the temporomandibular joint: A systematic review. <i>Archives of Oral Biology</i> , 2021, 125, 105104.	0.8	6
681	The Role of Fatty Acids in Ceramide Pathways and Their Influence on Hypothalamic Regulation of Energy Balance: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5357.	1.8	12
682	A Handful of Details to Ensure the Experimental Reproducibility on the FORCED Running Wheel in Rodents: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 638261.	1.5	6
683	A Systematic Review of Antiaging Effects of 23 Traditional Chinese Medicines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	4
684	The effects of dietary/herbal supplements and the serum levels of micronutrients on the healing of diabetic foot ulcers in animal and human models: a systematic review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 973-988.	0.8	5
685	Efficacy of Pulsed Electromagnetic Fields on Experimental Osteopenia in Rodents: A Systematic Review. <i>Bioelectromagnetics</i> , 2021, 42, 415-431.	0.9	5
686	Introduction to the EQIPD quality system. <i>ELife</i> , 2021, 10, .	2.8	42
687	Targeted temperature management after cardiac arrest. A systematic review and meta-analysis of animal studies. <i>Resuscitation</i> , 2021, 162, 47-55.	1.3	50
688	Efficacy of tramadol for postoperative pain management in dogs: systematic review and meta-analysis. <i>Veterinary Anaesthesia and Analgesia</i> , 2021, 48, 283-296.	0.3	12

#	ARTICLE	IF	CITATIONS
689	Molecular mechanisms of Zika virus teratogenesis from animal studies: a systematic review protocol. <i>Systematic Reviews</i> , 2021, 10, 160.	2.5	2
690	Therapeutic Advances in Tendinopathy Quantified Microscopically Using Bonar Score, with a Special Reference to PRP Therapyâ€”A Systematic Review of Experimental Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4973.	1.3	2
691	Immunohistochemical expression of non-collagenous extracellular matrix molecules involved in tertiary dentinogenesis following direct pulp capping: a systematic review. <i>Annals of Anatomy</i> , 2021, 235, 151674.	1.0	7
692	Citrus peel derived poly-methoxylated flavones (PMF). <i>International Journal for Vitamin and Nutrition Research</i> , 2023, 93, 252-267.	0.6	5
693	Systematic Review and Methodological Considerations for the Use of Single Prolonged Stress and Fear Extinction Retention in Rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 652636.	1.0	17
694	A systematic literature review (SLR): evaluation pharmacokinetic profile of drug combined p-glycoprotein (p-gp) alkaloid inhibitor in white rats (<i>rattus norvegicus</i>). <i>Journal of Physics: Conference Series</i> , 2021, 1912, 012047.	0.3	0
695	Enteral Feeding Interventions in the Prevention of Necrotizing Enterocolitis: A Systematic Review of Experimental and Clinical Studies. <i>Nutrients</i> , 2021, 13, 1726.	1.7	10
696	Comparison of the efficacy of hematopoietic stem cell mobilization regimens: a systematic review and network meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 310.	2.4	7
697	Effect of chronic unpredictable mild stress on the expression profile of serotonin receptors in rats and mice: a meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 78-88.	2.9	13
698	Effects of general anaesthesia during pregnancy on neurocognitive development of the fetus: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2021, 126, 1128-1140.	1.5	22
699	The Gingiva from the Tissue Surrounding the Bone to the Tissue Regenerating the Bone: A Systematic Review of the Osteogenic Capacity of Gingival Mesenchymal Stem Cells in Preclinical Studies. <i>Stem Cells International</i> , 2021, 2021, 1-26.	1.2	5
700	How probiotics impact on immunological parameters in rainbow trout (<i>Oncorhynchus mykiss</i>)? A systematic review and meta-analysis. <i>Reviews in Aquaculture</i> , 2022, 14, 27-53.	4.6	8
701	A Systematic Review to Compare Chemical Hazard Predictions of the Zebrafish Embryotoxicity Test With Mammalian Prenatal Developmental Toxicity. <i>Toxicological Sciences</i> , 2021, 183, 14-35.	1.4	7
702	Khat and neurobehavioral functions: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0252900.	1.1	7
703	Application of Machine Learning Methods for the Development of Antidiabetic Drugs. <i>Current Pharmaceutical Design</i> , 2022, 28, 260-271.	0.9	5
704	Systematic Review and Meta-Analysis of the Effectiveness of Calcium-Phosphate Coating on the Osseointegration of Titanium Implants. <i>Materials</i> , 2021, 14, 3015.	1.3	7
705	Polysaccharides with Antitumor Effect in Breast Cancer: A Systematic Review of Non-Clinical Studies. <i>Nutrients</i> , 2021, 13, 2008.	1.7	9
706	Proximal Disruption of Brain Energy Supply Raises Systemic Blood Glucose: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 685031.	1.4	4

#	ARTICLE	IF	CITATIONS
707	Influence of Coronal Preflaring on the Accuracy of Electronic Working Length Determination: Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2760.	1.0	8
708	Therapeutic targeting of STAT3 pathways in pancreatic adenocarcinoma: A systematic review of clinical and preclinical literature. <i>PLoS ONE</i> , 2021, 16, e0252397.	1.1	6
709	Effects of olives and their constituents on the expression of ulcerative colitis: a systematic review of randomised controlled trials. <i>British Journal of Nutrition</i> , 2022, 127, 1153-1171.	1.2	2
710	Efficacy of Gene Therapy to Restore Cognition in Alzheimer's Disease: A Systematic Review. <i>Current Gene Therapy</i> , 2021, 21, 246-257.	0.9	2
711	Neuroprotective mechanisms of chronic physical exercise via reduction of β -amyloid protein in experimental models of Alzheimer's disease: A systematic review. <i>Life Sciences</i> , 2021, 275, 119372.	2.0	11
713	Large scale meta-analysis of preclinical toxicity data for target characterisation and hypotheses generation. <i>PLoS ONE</i> , 2021, 16, e0252533.	1.1	3
714	A Systematic Review and Meta-Analysis of Cell-Based Interventions in Experimental Diabetic Kidney Disease. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1304-1319.	1.6	17
715	A systematic review of neurogenesis in animal models of early brain damage: Implications for cerebral palsy. <i>Experimental Neurology</i> , 2021, 340, 113643.	2.0	14
716	How the Gut Microbiome Links to Menopause and Obesity, with Possible Implications for Endometrial Cancer Development. <i>Journal of Clinical Medicine</i> , 2021, 10, 2916.	1.0	26
717	The Role of Skin Mast Cells in Acupuncture Induced Analgesia in Animals: A Preclinical Systematic Review and Meta-analysis. <i>Journal of Pain</i> , 2021, 22, 1560-1577.	0.7	2
718	A systematic review of photodynamic therapy as an antiviral treatment: Potential guidance for dealing with SARS-CoV-2. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102221.	1.3	31
720	Effects of joint and nerve mobilisation on neuroimmune responses in animals and humans with neuromusculoskeletal conditions: a systematic review and meta-analysis. <i>Pain Reports</i> , 2021, 6, e927.	1.4	11
721	The neurobiology of prefrontal transcranial direct current stimulation (tDCS) in promoting brain plasticity: A systematic review and meta-analyses of human and rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 392-416.	2.9	43
722	Signaling Targets Related to Antiobesity Effects of Capsaicin: A Scoping Review. <i>Advances in Nutrition</i> , 2021, 12, 2232-2243.	2.9	6
723	Efficacy of Curcumin for Wound Repair in Diabetic Rats/Mice: A Systematic Review and Meta-analysis of Preclinical Studies. <i>Current Pharmaceutical Design</i> , 2022, 28, 187-197.	0.9	4
724	Therapeutic potential of pluripotent stem cell-derived dopaminergic progenitors in Parkinson's disease: a systematic review protocol. <i>Systematic Reviews</i> , 2021, 10, 188.	2.5	2
725	Biomechanical and biological responses of periodontium in orthodontic tooth movement: up-date in a new decade. <i>International Journal of Oral Science</i> , 2021, 13, 20.	3.6	84
726	Diet can exert both analgesic and pronociceptive effects in acute and chronic pain models: a systematic review of preclinical studies. <i>Nutritional Neuroscience</i> , 2022, 25, 2195-2217.	1.5	8

#	ARTICLE	IF	CITATIONS
727	Electrical stimulation of the nucleus basalis of meynert: a systematic review of preclinical and clinical data. <i>Scientific Reports</i> , 2021, 11, 11751.	1.6	17
728	Therapeutic Potential of Antibody-Drug Conjugate-Based Therapy in Head and Neck Cancer: A Systematic Review. <i>Cancers</i> , 2021, 13, 3126.	1.7	12
729	The Effects of Cannabinoids on Pro- and Anti-Inflammatory Cytokines: A Systematic Review of <i>In Vivo</i> Studies. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 177-195.	1.5	52
730	Reporting in rodent models of "chemobrain": a systematic review assessing compliance with the ARRIVE guidelines. <i>Supportive Care in Cancer</i> , 2021, 29, 7073-7084.	1.0	6
731	Relationship between Prenatal or Postnatal Exposure to Pesticides and Obesity: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7170.	1.2	19
732	Glyphosate effects on the female reproductive systems: a systematic review. <i>Reviews on Environmental Health</i> , 2022, 37, 487-500.	1.1	4
733	Systemic therapy of MSCs in bone regeneration: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 377.	2.4	29
734	The rodent object-in-context task: A systematic review and meta-analysis of important variables. <i>PLoS ONE</i> , 2021, 16, e0249102.	1.1	8
735	Optimizing porcine donor kidney preservation with normothermic or hypothermic machine perfusion: A systematic review. <i>Artificial Organs</i> , 2021, 45, 1308-1316.	1.0	1
736	MSC-Derived Extracellular Vesicles in Preclinical Animal Models of Bone Injury: A Systematic Review and Meta-Analysis. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	1.7	7
737	Technological advances in preclinical meta-research. <i>BMJ Open Science</i> , 2021, 5, e100131.	0.8	11
738	Extracorporeal shockwave therapy in spinal cord injury, early to advance to clinical trials? A systematic review and meta-analysis on animal studies. <i>Neuroradiology Journal</i> , 2021, 34, 197140092110268.	0.6	2
739	What are the digestion and absorption models used to reproduce gastrointestinal protein processes?. <i>Medicine (United States)</i> , 2021, 100, e26697.	0.4	1
740	Effects of different selenium sources on sow reproductive performance and piglet development: a meta-analysis. <i>Journal of Animal and Feed Sciences</i> , 2021, 30, 260-270.	0.4	5
741	Evaluation of the Effect of the Inspired Oxygen Fraction on Blood Oxygenation during Inhalant Anaesthesia in Horses: A Systematic Review with Meta-Analysis. <i>Animals</i> , 2021, 11, 2245.	1.0	1
743	Antileukotrienes for the prevention and treatment of chronic lung disease in very preterm newborns: a systematic review. <i>Respiratory Research</i> , 2021, 22, 208.	1.4	4
744	Neuro-immune interactions in paclitaxel-induced peripheral neuropathy. <i>Acta Oncologica</i> , 2021, 60, 1369-1382.	0.8	13
745	The Influence of Food Waste Rearing Substrates on Black Soldier Fly Larvae Protein Composition: A Systematic Review. <i>Insects</i> , 2021, 12, 608.	1.0	36

#	ARTICLE	IF	CITATIONS
746	Peri-Implant bone response around porous-surface dental implants: A preclinical meta-analysis. Saudi Dental Journal, 2021, 33, 239-247.	0.5	4
747	Photobiomodulation Therapy in Burn Wound Healing: Systematic Review and Meta-Analysis of Preclinical Studies. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 439-452.	0.7	5
748	The osseointegration and stability of dental implants with different surface treatments in animal models: a network meta-analysis. Scientific Reports, 2021, 11, 13849.	1.6	21
749	Combination of bone substitutes and vectors in periodontology and implantology: A systematic review. Dental Materials Journal, 2021, 40, 839-852.	0.8	1
750	Developing a database of systematic reviews of animal studies. Regulatory Toxicology and Pharmacology, 2021, 123, 104940.	1.3	4
751	<i>In vivo</i> efficacy of meglumine antimoniate-loaded nanoparticles for cutaneous leishmaniasis: a systematic review. Nanomedicine, 2021, 16, 1505-1518.	1.7	4
752	Remote ischemic postconditioning for neuroprotection after newborn hypoxia-ischemia: systematic review of preclinical studies. Pediatric Research, 2022, 91, 1654-1661.	1.1	4
753	Guava (<i>Psidium guajava</i> L.): a glorious plant with cancer preventive and therapeutic potential. Critical Reviews in Food Science and Nutrition, 2023, 63, 192-223.	5.4	19
754	Monoterpenes and their derivatives as agents for cardiovascular disease management: A systematic review and meta-analysis. Phytomedicine, 2021, 88, 153451.	2.3	16
755	A Systematic Review of Carotenoids in the Management of Diabetic Retinopathy. Nutrients, 2021, 13, 2441.	1.7	24
756	A administração sistêmica de extratos de arnica é segura? Uma revisão sistemática de ensaios pré-clínicos. Research, Society and Development, 2021, 10, e27110817257.	0.0	0
757	Effect of Carnosine or Î²-Alanine Supplementation on Markers of Glycemic Control and Insulin Resistance in Humans and Animals: A Systematic Review and Meta-analysis. Advances in Nutrition, 2021, 12, 2216-2231.	2.9	13
758	Severity and prevalence of burnout syndrome in paediatric intensive care nurses: A systematic review. Intensive and Critical Care Nursing, 2021, 67, 103082.	1.4	10
759	A Systematic Review of the Effects of Temperature on Anopheles Mosquito Development and Survival: Implications for Malaria Control in a Future Warmer Climate. International Journal of Environmental Research and Public Health, 2021, 18, 7255.	1.2	37
760	Non-steroidal anti-inflammatory drugs and bone healing in animal models—a systematic review and meta-analysis. Systematic Reviews, 2021, 10, 201.	2.5	11
761	Antitumor Effects of Carvacrol and Thymol: A Systematic Review. Frontiers in Pharmacology, 2021, 12, 702487.	1.6	42
762	Systematic review of the impact of cannabinoids on neurobehavioral outcomes in preclinical models of traumatic and nontraumatic spinal cord injury. Spinal Cord, 2021, 59, 1221-1239.	0.9	9
763	Genetic variants and their association with phenotypic resistance to bedaquiline in Mycobacterium tuberculosis: a systematic review and individual isolate data analysis. Lancet Microbe, The, 2021, 2, e604-e616.	3.4	32

#	ARTICLE	IF	CITATIONS
764	The Effects of Physical Exercise on Tumor Vasculature: Systematic Review and Meta-analysis. <i>International Journal of Sports Medicine</i> , 2021, 42, 1237-1249.	0.8	5
765	Towards effective cutaneous leishmaniasis treatment with light-based technologies. A systematic review and meta-analysis of preclinical studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 221, 112236.	1.7	5
766	Neuroprotective Properties of Vitamin C: A Scoping Review of Pre-Clinical and Clinical Studies. <i>Journal of Neurotrauma</i> , 2021, 38, 2194-2205.	1.7	8
767	Modulatory effect of opioid administration on the activity of cholinesterase enzyme: a systematic review of mice/rat models. <i>Environmental Science and Pollution Research</i> , 2021, 28, 52675-52688.	2.7	6
768	Systematic Comparison of Biomaterials-Based Strategies for Osteochondral and Chondral Repair in Large Animal Models. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100878.	3.9	11
769	Mechanisms of memory impairment in animal models of nontraumatic intracranial hemorrhage: A systematic review of the literature. <i>Brain Hemorrhages</i> , 2022, 3, 77-93.	0.4	3
770	Intergenerational high-fat diet impairs ovarian follicular development in rodents: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2022, 80, 889-903.	2.6	3
771	Olive Trees By-Products as Sources of Bioactive and Other Industrially Useful Compounds: A Systematic Review. <i>Molecules</i> , 2021, 26, 5081.	1.7	12
772	Stem cell therapy for Crohn's disease: systematic review and meta-analysis of preclinical and clinical studies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 463.	2.4	41
773	<i>Lactobacillus fermentum</i> PS150 promotes non-rapid eye movement sleep in the first night effect of mice. <i>Scientific Reports</i> , 2021, 11, 16313.	1.6	8
774	Preclinical Experiments for Hypospadias Surgery: Systematic Review and Quality Assessment. <i>Frontiers in Pediatrics</i> , 2021, 9, 718647.	0.9	4
775	A systematic review of the effect of ovarian sex hormones on stimulant use in females. <i>Addiction Biology</i> , 2021, 26, e13079.	1.4	1
776	Systematic review of Ethiopian medicinal plants used for their anti-inflammatory and wound healing activities. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114179.	2.0	17
777	Platelet-rich plasma injections induce disease-modifying effects in the treatment of osteoarthritis in animal models. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 4100-4121.	2.3	38
778	Protective Effects of Tocotrienols in Cerebral and Myocardial Ischemia-Reperfusion Injury: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7994.	1.3	2
779	Platelet-Rich Plasma for Bone Fracture Treatment: A Systematic Review of Current Evidence in Preclinical and Clinical Studies. <i>Frontiers in Medicine</i> , 2021, 8, 676033.	1.2	16
780	The feasibility of folate receptor alpha- and HER2-targeted intraoperative fluorescence-guided cytoreductive surgery in women with epithelial ovarian cancer: A systematic review. <i>Gynecologic Oncology</i> , 2021, 162, 517-525.	0.6	5
781	Effect of surface treatment on the mechanical stability of orthodontic miniscrews. <i>Angle Orthodontist</i> , 2022, 92, 127-136.	1.1	8

#	ARTICLE	IF	CITATIONS
782	Evaluation of patches for rotator cuff repair: A systematic review and meta-analysis based on animal studies. <i>Bioactive Materials</i> , 2022, 10, 474-491.	8.6	7
783	3D Printed Composite Scaffolds in Bone Tissue Engineering: A Systematic Review. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 648-709.	0.6	8
784	The role of dipeptidyl peptidase-IV in abdominal aortic aneurysm pathogenesis: A systematic review. <i>Vascular Medicine</i> , 2021, , 1358863X2110345.	0.8	4
785	A Systematic Review on the Therapeutic Potentiality of PD-L1-Inhibiting MicroRNAs for Triple-Negative Breast Cancer: Toward Single-Cell Sequencing-Guided Biomimetic Delivery. <i>Genes</i> , 2021, 12, 1206.	1.0	35
786	Long-lasting effects of prenatal stress on HPA axis and inflammation: A systematic review and multilevel meta-analysis in rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 270-283.	2.9	21
787	Use of human induced pluripotent stem cells for cartilage regeneration in vitro and within chondral defect models of knee joint cartilage in vivo: a Preferred Reporting Items for Systematic Reviews and Meta-Analyses systematic literature review. <i>Cytotherapy</i> , 2021, 23, 647-661.	0.3	12
788	Effects of astaxanthin in animal models of obesity-associated diseases: A systematic review and meta-analysis. <i>Free Radical Biology and Medicine</i> , 2021, 171, 156-168.	1.3	17
789	Transduction Efficiency and Immunogenicity of Viral Vectors for Cochlear Gene Therapy: A Systematic Review of Preclinical Animal Studies. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 728610.	1.8	5
790	Intermittent hypoxia-related alterations in vascular structure and function: a systematic review and meta-analysis of rodent data. <i>European Respiratory Journal</i> , 2022, 59, 2100866.	3.1	21
791	GLP-1 and GIP receptor agonists in the treatment of Parkinson's disease: Translational systematic review and meta-analysis protocol of clinical and preclinical studies. <i>PLoS ONE</i> , 2021, 16, e0255726.	1.1	8
792	Are Radial Pressure Waves Effective in Treating Erectile Dysfunction? A Systematic Review of Preclinical and Clinical Studies. <i>Sexual Medicine</i> , 2021, 9, 100393-100393.	0.9	3
793	Effect of botulinum toxin type A on flap surgery in animal models: a systematic review and meta-analysis. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2022, 56, 198-207.	0.4	2
794	Genotoxicity evaluation of silica nanoparticles in murine: a systematic review and meta-analysis. <i>Toxicology Mechanisms and Methods</i> , 2022, 32, 1-17.	1.3	10
795	Pharmacologic and genetic inhibition of cholesterol esterification enzymes reduces tumour burden: A systematic review and meta-analysis of preclinical models. <i>Biochemical Pharmacology</i> , 2022, 196, 114731.	2.0	5
796	Mesenchymal stem cell therapy in pulmonary fibrosis: a meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 461.	2.4	17
797	Role of Stem Cells in Augmenting Dental Implant Osseointegration: A Systematic Review. <i>Coatings</i> , 2021, 11, 1035.	1.2	10
798	Immunization Against Inhibin Promotes Fertility in Cattle: A Meta-Analysis and Quality Assessment. <i>Frontiers in Veterinary Science</i> , 2021, 8, 687923.	0.9	2
799	Co-Expression Network Analysis of MicroRNAs and Proteins in Severe Traumatic Brain Injury: A Systematic Review. <i>Cells</i> , 2021, 10, 2425.	1.8	3

#	ARTICLE	IF	CITATIONS
800	Does MTA provide a more favourable histological response than other materials in the repair of furcal perforations? A systematic review. <i>International Endodontic Journal</i> , 2021, 54, 2195-2218.	2.3	7
801	Histological Findings After Aortic Cross-Clamping in Preclinical Animal Models. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 895-911.	0.9	5
802	Could consumption of yam (<i>Dioscorea</i>) or its extract be beneficial in controlling glycaemia: a systematic review. <i>British Journal of Nutrition</i> , 2022, 128, 613-624.	1.2	9
803	OA foundations – experimental models of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 357-380.	0.6	24
804	Combined hypothermia and mesenchymal stem cells in animal models of neonatal hypoxic-ischaemic encephalopathy: a systematic review. <i>Pediatric Research</i> , 2022, 92, 25-31.	1.1	3
805	Mechanism of Curcuma longa and Its Neuroactive Components for the Management of Epileptic Seizures: A Systematic Review. <i>Current Neuropharmacology</i> , 2021, 19, 1496-1518.	1.4	6
806	Biological properties of terpinolene evidenced by in silico, in vitro and in vivo studies: A systematic review. <i>Phytomedicine</i> , 2021, 93, 153768.	2.3	14
807	Mesenchymal Stem Cell-Derived Extracellular Vesicles in Tendon and Ligament Repair – A Systematic Review of In Vivo Studies. <i>Cells</i> , 2021, 10, 2553.	1.8	25
808	Anti-inflammatory natural products as potential therapeutic agents of rheumatoid arthritis: A systematic review. <i>Phytomedicine</i> , 2021, 93, 153766.	2.3	23
809	From dried bear bile to molecular investigation: A systematic review of the effect of bile acids on cell apoptosis, oxidative stress and inflammation in the brain, across pre-clinical models of neurological, neurodegenerative and neuropsychiatric disorders. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 132-146.	2.0	45
810	Efficacy of Physical Exercise to Offset Anthracycline-Induced Cardiotoxicity: A Systematic Review and Meta-Analysis of Clinical and Preclinical Studies. <i>Journal of the American Heart Association</i> , 2021, 10, e021580.	1.6	19
811	Preclinical Evidence of Berberine on Non-Alcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis of Animal Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 742465.	1.6	9
812	Therapeutic Effects of Stem Cells From Different Source on Renal Ischemia- Reperfusion Injury: A Systematic Review and Network Meta-analysis of Animal Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 713059.	1.6	3
813	Systematic Review of the Interaction between Nutrition and Immunity in Livestock: Effect of Dietary Supplementation with Synthetic Amino Acids. <i>Animals</i> , 2021, 11, 2813.	1.0	7
814	The impact of proangiogenic microRNA modulation on blood flow recovery following hind limb ischemia. A systematic review and meta-analysis of animal studies. <i>Vascular Pharmacology</i> , 2021, 141, 106906.	1.0	10
815	Latency phase in mandibular distraction osteogenesis: a systematic review in animal models. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2021, 59, 993-1004.	0.4	1
816	Regenerative benefits of using growth factors in treatment of periodontal defects: A systematic review and meta-analysis with Trial Sequential Analysis on preclinical studies. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 964-997.	1.3	2
818	Evaluation of eye melanoma treatments in rabbits: A systematic review. <i>Laboratory Animals</i> , 2021, , 002367722110393.	0.5	1

#	ARTICLE	IF	CITATIONS
819	Melatonin Maintains Anabolic-Catabolic Equilibrium and Regulates Circadian Rhythm During Osteoarthritis Development in Animal Models: A Systematic Review and Meta-analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 714974.	1.6	5
820	Recombinant Factors for Periodontal Intrabony Defects: A Systematic Review and Network Meta-Analysis of Preclinical Studies. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 1069-1081.	1.3	7
821	Neural Stem Cell Treatment for Perinatal Brain Injury: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1621-1636.	1.6	12
822	Effectiveness of Probiotics and Prebiotics Against Acute Liver Injury: A Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 739337.	1.2	11
823	Effect of Acupuncture on Polycystic Ovary Syndrome in Animal Models: A Systematic Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	0.5	3
824	Does exogenous female sex hormone administration affect the rate of tooth movement and root resorption? A systematic review of animal studies. <i>PLoS ONE</i> , 2021, 16, e0257778.	1.1	4
825	Systematic literature review evaluating evidence and mechanisms of action for platelet-rich plasma as an antibacterial agent. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 277.	0.4	13
826	Hypoxic Stem Cell-Derived Extracellular Vesicles for Cardiac Repair in Preclinical Animal Models of Myocardial Infarction: A Meta-Analysis. <i>Stem Cells and Development</i> , 2021, 30, 891-907.	1.1	7
827	The Efficacy of Triptolide in Preventing Diabetic Kidney Diseases: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 728758.	1.6	7
828	Effects of dietary consistency on the occlusal changes in nonhuman mammals: A systematic review. <i>Archives of Oral Biology</i> , 2021, 130, 105217.	0.8	1
829	Completeness of reporting of systematic reviews in the animal health literature: A meta-research study. <i>Preventive Veterinary Medicine</i> , 2021, 195, 105472.	0.7	7
830	Parasite-based interventions in systemic lupus erythematosus (SLE): A systematic review. <i>Autoimmunity Reviews</i> , 2021, 20, 102896.	2.5	5
831	Maternal immune activation in rodent models: A systematic review of neurodevelopmental changes in gene expression and epigenetic modulation in the offspring brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 389-421.	2.9	29
832	Therapeutic Use of Microbubbles and Ultrasound in Acute Peripheral Arterial Thrombosis: A Systematic Review. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2821-2838.	0.7	6
833	A health-based recommended occupational exposure limit for nitrous oxide using experimental animal data based on a systematic review and dose-response analysis. <i>Environmental Research</i> , 2021, 201, 111575.	3.7	3
834	Potential of Exosomes as Cell-Free Therapy in Articular Cartilage Regeneration: A Review. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6749-6781.	3.3	19
835	Mesenchymal stromal cell extracellular vesicles as therapy for acute and chronic respiratory diseases: A meta-analysis. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12141.	5.5	31
836	Exploring the roles of neuropeptides in trigeminal neuropathic pain: A systematic review and narrative synthesis of animal studies. <i>Archives of Oral Biology</i> , 2021, 130, 105247.	0.8	4

#	ARTICLE	IF	CITATIONS
837	Biosynthetic scaffolds for partial meniscal loss: A systematic review from animal models to clinical practice. <i>Bioactive Materials</i> , 2021, 6, 3782-3800.	8.6	17
838	Neurogenic and anti-inflammatory effects of probiotics in Parkinson's disease: A systematic review of preclinical and clinical evidence. <i>Brain, Behavior, and Immunity</i> , 2021, 98, 59-73.	2.0	35
839	Study of anesthetics for euthanasia in rats and mice: A systematic review and meta-analysis on the impact upon biological outcomes (SAFE-RM). <i>Life Sciences</i> , 2021, 284, 119916.	2.0	6
840	The effect and underlying mechanisms of garlic extract against cognitive impairment and Alzheimer's disease: A systematic review and meta-analysis of experimental animal studies. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114423.	2.0	14
841	Antitumor activities of <i>Grifola frondosa</i> (Maitake) polysaccharide: A meta-analysis based on preclinical evidence and quality assessment. <i>Journal of Ethnopharmacology</i> , 2021, 280, 114395.	2.0	9
842	Biodegradable metals for bone defect repair: A systematic review and meta-analysis based on animal studies. <i>Bioactive Materials</i> , 2021, 6, 4027-4052.	8.6	50
843	Surfactant therapy in lung transplantation: A systematic review and meta-analysis. <i>Transplantation Reviews</i> , 2021, 35, 100637.	1.2	3
844	The putative role of the relaxin-3/RXFP3 system in clinical depression and anxiety: A systematic literature review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 429-450.	2.9	5
845	Trace amine-associated receptor 1 (TAAR1): Potential application in mood disorders: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 192-210.	2.9	15
846	Effects of Radiofrequency Electromagnetic Field (RF-EMF) exposure on male fertility and pregnancy and birth outcomes: Protocols for a systematic review of experimental studies in non-human mammals and in human sperm exposed in vitro. <i>Environment International</i> , 2021, 157, 106806.	4.8	17
847	Validity and Utility of Experimental Animal Models in Perinatal Research. <i>Neonatology</i> , 2021, 118, 15-17.	0.9	0
848	Systematic Reviews. <i>Laboratory Animal Science and Medicine</i> , 2021, , 213-261.	0.1	1
849	Preclinical stem cell therapy in fetuses with myelomeningocele: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2021, 41, 283-300.	1.1	10
850	Intermediarios del ciclo de Krebs en sepsis: una revisión sistemática. <i>Acta Colombiana De Cuidado Intensivo</i> , 2021, 21, 42-50.	0.1	0
851	What is the elephant in the room when considering new therapies for fungal diseases?. <i>Critical Reviews in Microbiology</i> , 2021, 47, 275-289.	2.7	3
852	Effects of platelet-rich plasma injection for pain control and cartilage repair in knee osteoarthritis. <i>Medicine (United States)</i> , 2021, 100, e24107.	0.4	0
853	Effects of autophagy inhibitor 3-Methyladenine on ischemic stroke. <i>Medicine (United States)</i> , 2021, 100, e23873.	0.4	6
854	Applying evidence-based methods to the development and use of adverse outcome pathways. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 336-347.	0.9	7

#	ARTICLE	IF	CITATIONS
855	Neuroprotection by Remote Ischemic Conditioning in Rodent Models of Focal Ischemia: a Systematic Review and Meta-Analysis. <i>Translational Stroke Research</i> , 2021, 12, 461-473.	2.3	21
856	Dry heated sorghum BRS 305 hybrid flour as a source of resistant starch and tannins improves inflammation and oxidative stress in Wistar rats fed with a high-fat high-fructose diet. <i>Food and Function</i> , 2021, 12, 8738-8746.	2.1	5
857	Evaluating the anti-inflammatory and analgesic properties of maropitant: A systematic review and meta-analysis. <i>Veterinary Journal</i> , 2020, 259-260, 105471.	0.6	7
858	The role of dietary nitrate and the oral microbiome on blood pressure and vascular tone. <i>Nutrition Research Reviews</i> , 2021, 34, 1-18.	2.1	13
859	A Systematic Review on Extracellular Vesicles-Enriched Fat Grafting: A Shifting Paradigm. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP1695-NP1705.	0.9	6
860	The Role of Dipeptidyl Peptidase 4 as a Therapeutic Target and Serum Biomarker in Inflammatory Bowel Disease: A Systematic Review. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1153-1165.	0.9	4
861	Systematic review and meta-analysis of cannabinoids, cannabis-based medicines, and endocannabinoid system modulators tested for antinociceptive effects in animal models of injury-related or pathological persistent pain. <i>Pain</i> , 2021, 162, S26-S44.	2.0	75
865	Effects of experimental sleep deprivation on aggressive, sexual and maternal behaviour in animals: a systematic review protocol. <i>BMJ Open Science</i> , 2018, 2, e000041.	0.8	4
866	Systematic review of guidelines for internal validity in the design, conduct and analysis of preclinical biomedical experiments involving laboratory animalsSystematic review of guidelines for internal validity in the design, conduct and analysis of preclinical biomedical experiments involving laboratory animals. <i>BMJ Open Science</i> , 2020, 44, e100046.	0.8	40
867	Ethiopian medicinal plants used for their anti-inflammatory, wound healing or anti-infective activities: protocol for systematic literature review and meta-analysisEthiopian medicinal plants used for their anti-inflammatory, wound healing or anti-infective activities: protocol for systematic literature review and meta-analysis. <i>BMJ Open Science</i> , 2020, 44, e100064.	0.8	3
868	Effectiveness of mesenchymal stem cell-conditioned medium in bone regeneration in animal and human models: a systematic review and meta-analysis. <i>Cell Regeneration</i> , 2020, 9, 5.	1.1	28
869	Checkpoint inhibitor therapy in preclinical sepsis models: a systematic review and meta-analysis. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 7.	0.9	25
870	Dissemination Bias in Systematic Reviews of Animal Research: A Systematic Review. <i>PLoS ONE</i> , 2014, 9, e116016.	1.1	22
871	Determinants of the Efficacy of Cardiac Ischemic Preconditioning: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS ONE</i> , 2015, 10, e0142021.	1.1	36
872	A Systematic Review of the Modifying Effect of Anaesthetic Drugs on Metastasis in Animal Models for Cancer. <i>PLoS ONE</i> , 2016, 11, e0156152.	1.1	27
873	Survey of basic medical researchers on the awareness of animal experimental designs and reporting standards in China. <i>PLoS ONE</i> , 2017, 12, e0174530.	1.1	10
874	Rat tickling: A systematic review of applications, outcomes, and moderators. <i>PLoS ONE</i> , 2017, 12, e0175320.	1.1	49
875	A systematic review and meta-analysis of the protective effects of metformin in experimental myocardial infarction. <i>PLoS ONE</i> , 2017, 12, e0183664.	1.1	30

#	ARTICLE	IF	CITATIONS
876	Facilitating healthcare decisions by assessing the certainty in the evidence from preclinical animal studies. PLoS ONE, 2018, 13, e0187271.	1.1	87
877	Therapeutic potential of mesenchymal stromal cells for hypoxic ischemic encephalopathy: A systematic review and meta-analysis of preclinical studies. PLoS ONE, 2017, 12, e0189895.	1.1	47
878	Mesenchymal stem cell therapy for paraquat poisoning: A systematic review and meta-analysis of preclinical studies. PLoS ONE, 2018, 13, e0194748.	1.1	25
879	Systematic review of pre-clinical therapies for post-operative atrial fibrillation. PLoS ONE, 2020, 15, e0241643.	1.1	4
880	Effect of garlic (<i>Allium sativum</i>) on male fertility: a systematic review. Journal of HerbMed Pharmacology, 2018, 7, 306-312.	0.4	17
881	Adipose Tissue-Derived Stem Cell Therapy for Cavernous Nerve Injury-Induced Erectile Dysfunction in the Rat Model: A Systematic Review and Meta-Analysis Using Methodological Quality Assessment. International Journal of Stem Cells, 2019, 12, 206-217.	0.8	11
882	Calcium Phosphate Carrying Simvastatin Enhances Bone Regeneration: A Systematic Review. Brazilian Dental Journal, 2020, 31, 93-102.	0.5	7
883	Dental Pulpal Tissue Regeneration, Pulpal Vitality Testing, and Healing of Apical Lesions Following Stem Cell Transplant: A Systematic Review and Meta-Analysis. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 0, 20, .	0.7	1
884	Stem cell-derived extracellular vesicles for myocardial infarction: a meta-analysis of controlled animal studies. Aging, 2019, 11, 1129-1150.	1.4	24
885	Early-life exposure to bisphenol A and reproductive-related outcomes in rodent models: a systematic review and meta-analysis. Aging, 2020, 12, 18099-18126.	1.4	19
886	Mild hypothermia modulates the expression of nestin and caspase-3 in the sub-granular zone and improves neurological outcomes in rats with ischemic stroke. Oncotarget, 2017, 8, 109191-109200.	0.8	5
887	Effects of peep on lung injury, pulmonary function, systemic circulation and mortality in animals with uninjured lungs—a systematic review. Annals of Translational Medicine, 2018, 6, 25-25.	0.7	18
888	Effects of Polyphenol-Rich Fruit Extracts on Diet-Induced Obesity in Rodents: Systematic Review and Meta-Analysis. Current Pharmaceutical Design, 2019, 25, 3484-3497.	0.9	11
889	Effects of Mulberry on The Central Nervous System: A Literature Review. Current Neuropharmacology, 2020, 19, 193-219.	1.4	9
890	PRECEPT: an evidence assessment framework for infectious disease epidemiology, prevention and control. Eurosurveillance, 2017, 22, .	3.9	17
891	Importance of Systematic Reviews and Meta-analyses of Animal Studies: Challenges for Animal-to-Human Translation. Journal of the American Association for Laboratory Animal Science, 2020, 59, 469-477.	0.6	18
892	Preclinical Evidence and Possible Mechanisms of Baicalein for Rats and Mice With Parkinson's Disease: A Systematic Review and Meta-Analysis. Frontiers in Aging Neuroscience, 2020, 12, 277.	1.7	13
893	Drug treatments affecting ACE2 in COVID-19 infection: a systematic review protocol. BJGP Open, 2020, 4, bjgpopen20X101115.	0.9	4

#	ARTICLE	IF	CITATIONS
894	Therapeutic Potential of Photobiomodulation In Alzheimer's Disease: A Systematic Review. Journal of Lasers in Medical Sciences, 2020, 11, S16-S22.	0.4	14
895	Role of skeletal macrophages in fracture repair: A systematic review. Biomedical Reports, 2020, 13, 1-1.	0.9	3
896	Effect of docosahexaenoic acid on the recovery of motor function in rats with spinal cord injury: a meta-analysis. Neural Regeneration Research, 2020, 15, 537.	1.6	11
897	Animal models used to study direct peripheral nerve repair: a systematic review. Neural Regeneration Research, 2020, 15, 491.	1.6	38
898	Therapeutic effect of regulating autophagy in spinal cord injury: a network meta-analysis of direct and indirect comparisons. Neural Regeneration Research, 2020, 15, 1120.	1.6	14
899	Tumor cells growth and survival time with the ketogenic diet in animal models: A systematic review. International Journal of Preventive Medicine, 2017, 8, 35.	0.2	25
900	A study to assess the methodological quality of in vivo animal experiments published in Indian journal of pharmacology: A retrospective, cross-sectional, observational study. Indian Journal of Pharmacology, 2019, 51, 11.	0.4	7
901	Aged garlic and cancer: A systematic review. International Journal of Preventive Medicine, 2018, 9, 84.	0.2	23
902	Implant bio-mechanics for successful implant therapy: A systematic review. Journal of International Society of Preventive and Community Dentistry, 2020, 10, 700.	0.4	3
903	Skin Exposure Contributes to Chemical-Induced Asthma: What is the Evidence? A Systematic Review of Animal Models. Allergy, Asthma and Immunology Research, 2020, 12, 579.	1.1	17
904	Efficacy and safety of chloroquine and hydroxychloroquine for COVID-19: A comprehensive evidence synthesis of clinical, animal, and in vitro studies. Medical Journal of the Islamic Republic of Iran, 2020, 34, 171.	0.9	1
905	Oxysterols as promising small molecules for bone tissue engineering: Systematic review. World Journal of Orthopedics, 2020, 11, 328-344.	0.8	7
906	Intracerebral Adenosine During Sleep Deprivation: A Meta-Analysis and New Experimental Data. Journal of Circadian Rhythms, 2018, 16, 11.	2.9	21
907	A Systematic Search and Mapping Review of Studies on Intracerebral Microdialysis of Amino Acids, and Systematized Review of Studies on Circadian Rhythms. Journal of Circadian Rhythms, 2018, 16, 12.	2.9	12
908	Sleep and Microdialysis: An Experiment and a Systematic Review of Histamine and Several Amino Acids. Journal of Circadian Rhythms, 2019, 17, 7.	2.9	6
909	Effect of direct-fed microbials on culturable gut microbiotas in broiler chickens: a meta-analysis of controlled trials. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1781-1794.	2.4	11
910	In Vitro and In Vivo Antitumor Activity of Vitamin D3 in Malignant Gliomas: A Systematic Review. International Journal of Cancer Management, 2020, 13, .	0.2	3
911	Improved cartilage regeneration by implantation of acellular biomaterials after bone marrow stimulation: a systematic review and meta-analysis of animal studies. PeerJ, 2016, 4, e2243.	0.9	35

#	ARTICLE	IF	CITATIONS
912	A systematic review of the validity of patient derived xenograft (PDX) models: the implications for translational research and personalised medicine. PeerJ, 2018, 6, e5981.	0.9	59
913	Melatonin and the cardiovascular system in animals: systematic review and meta-analysis. Clinics, 2021, 76, e2863.	0.6	2
914	A systematic review on descending serotonergic projections and modulation of spinal nociception in chronic neuropathic pain and after spinal cord stimulation. Molecular Pain, 2021, 17, 174480692110439.	1.0	22
915	Potential of Syzygium polyanthum (Daun Salam) in Lowering Blood Glucose Level: A Review. Pertanika Journal of Science and Technology, 2021, 29, .	0.3	0
916	Efficacy of mesenchymal stromal cells in preclinical models of necrotizing enterocolitis: a systematic review protocol. F1000Research, 0, 10, 1011.	0.8	0
917	Experimental Treatments for Oedema in Spinal Cord Injury: A Systematic Review and Meta-Analysis. Cells, 2021, 10, 2682.	1.8	5
918	Acupuncture for Hypertension in Animal Models: A Systematic Review and Meta-Analysis. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-20.	0.5	2
919	What is the influence of implant surface characteristics and/or implant material on the incidence and progression of peri-implantitis? A systematic literature review. Clinical Oral Implants Research, 2021, 32, 203-229.	1.9	25
920	The influence of oxytocin-based interventions on sleep-wake and sleep-related behaviour and neurobiology: A systematic review of preclinical and clinical studies. Neuroscience and Biobehavioral Reviews, 2021, 131, 1005-1026.	2.9	9
921	Mesenchymal Stem Cell Therapy for Acetaminophen-Related Liver Injury: A Systematic Review and Meta-Analysis of Experimental Studies in Vivo. Current Stem Cell Research and Therapy, 2021, 16, .	0.6	0
922	Pulmonary valve tissue engineering strategies in large animal models. PLoS ONE, 2021, 16, e0258046.	1.1	6
923	Mesenchymal Stem Cell Exosomes in the Treatment of Myocardial Infarction: a Systematic Review of Preclinical In Vivo Studies. Journal of Cardiovascular Translational Research, 2022, 15, 317-339.	1.1	10
924	Some Twist of Molecular Circuitry Fast Forwards Overnight Sleep Hours: A Systematic Review of Natural Short Sleepers' Genes. Cureus, 2021, 13, e19045.	0.2	0
925	Neuroprotective Role of Acidosis in Ischemia: Review of the Preclinical Evidence. Molecular Neurobiology, 2021, 58, 6684-6696.	1.9	4
926	A Systematic Review and Meta-Analysis of the Effect of Pentagalloyl Glucose Administration on Aortic Expansion in Animal Models. Biomedicines, 2021, 9, 1442.	1.4	3
927	Effect of Earthworm on Wound Healing: A Systematic Review and Meta-Analysis. Frontiers in Pharmacology, 2021, 12, 691742.	1.6	5
928	Antidiabetic Medicinal Plants Used in Democratic Republic of Congo: A Critical Review of Ethnopharmacology and Bioactivity Data. Frontiers in Pharmacology, 2021, 12, 757090.	1.6	13
929	Local hormones and growth factors to enhance orthodontic tooth movement: A systematic review of animal studies. Orthodontics and Craniofacial Research, 2022, 25, 281-303.	1.2	5

#	ARTICLE	IF	CITATIONS
930	Does the rate of orthodontic tooth movement change during the estrus cycle? A systematic review based on animal studies. <i>BMC Oral Health</i> , 2021, 21, 526.	0.8	3
931	The Challenges and Effects of Ascorbic Acid Treatment of Acute Pancreatitis: A Systematic Review and Meta-Analysis of Preclinical and Clinical Studies. <i>Frontiers in Nutrition</i> , 2021, 8, 734558.	1.6	6
932	Effects of Curcumin Supplementation on Inflammatory Markers, Muscle Damage, and Sports Performance during Acute Physical Exercise in Sedentary Individuals. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	9
933	The effects of treadmill exercise in animal models of Parkinson's disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1056-1075.	2.9	11
934	Platelet-rich plasma: Its applications in orthodontics – A systematic review. <i>APOS Trends in Orthodontics</i> , 0, 11, 235-246.	0.1	1
935	The use of local therapy in preventing urethral strictures: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0258256.	1.1	10
936	State of the Science in Tracheal Stents: A Scoping Review. <i>Laryngoscope</i> , 2021, , .	1.1	4
937	Modulating captive mammalian social behavior: A scoping review on olfactory treatments. <i>Applied Animal Behaviour Science</i> , 2021, 244, 105489.	0.8	4
938	Antiepileptic Drugs's Tolerability and Safety – a Systematic Review and Meta-analysis of Adverse Effects in Dogs. <i>Veterinary Evidence</i> , 2016, 1, .	0.0	0
941	Medical Devices Biological Safety Assessment: Towards Animal-free Testing. <i>Derecho Animal</i> , 2019, 10, 91.	0.1	0
942	Big Data in Predictive Toxicology: Challenges, Opportunities and Perspectives. <i>Issues in Toxicology</i> , 2019, , 1-37.	0.2	9
943	Basic antidepressant research: a brief essay on how to justify your alpha. <i>Revista Bionatura</i> , 2019, 02, .	0.1	0
945	Effect of dl-3-n-butylphthalide on infarction volume in animal models of ischemic stroke: A meta-analysis. <i>World Journal of Meta-analysis</i> , 2019, 7, 358-372.	0.1	0
947	Using Cell Cultures for the Investigation of Treatments for Attention Deficit Hyperactivity Disorder: A Systematic Review. <i>Current Neuropharmacology</i> , 2019, 17, 916-925.	1.4	9
948	Anti-hyperglycaemic Effect of <i>Aegle marmelos</i> (L.) in Animal Experiments-PRISMA based Systematic Review and Meta-analysis. <i>Journal of Natural Remedies</i> , 2019, 19, 169-180.	0.1	1
949	Therapeutic importance of garlic supplementation in the management of nonalcoholic fatty liver disease: A systematic review of preclinical studies. <i>Pharmacy & Pharmacology International Journal</i> , 2020, 8, 113-120.	0.1	0
951	The Role of Osteopontin in Amyotrophic Lateral Sclerosis: A Systematic Review. <i>Archives of Neuroscience</i> , 2020, 7, .	0.1	1
952	Impact of food and drinks on urine production: A systematic review. <i>International Journal of Clinical Practice</i> , 2020, 74, e13539.	0.8	13

#	ARTICLE	IF	CITATIONS
953	Effects of salvianolic acid B on glycometabolism and lipid metabolism in rodents: Meta-analysis. <i>Traditional Medicine and Modern Medicine</i> , 2020, 03, 175-183.	0.2	1
954	Systematic review and meta-analysis of preclinical studies testing mesenchymal stromal cells for traumatic brain injury. <i>Npj Regenerative Medicine</i> , 2021, 6, 71.	2.5	14
955	Assessing Creatine Supplementation for Neuroprotection against Perinatal Hypoxic-Ischaemic Encephalopathy: A Systematic Review of Perinatal and Adult Pre-Clinical Studies. <i>Cells</i> , 2021, 10, 2902.	1.8	7
956	Risk of bias assessment in preclinical literature using natural language processing. <i>Research Synthesis Methods</i> , 2022, 13, 368-380.	4.2	9
957	Effect of Magnesium-Based Coatings on Titanium or Zirconia Substrates on Bone Regeneration and Implant Osseointegration- A Systematic Review. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	7
958	Effect of Limonene on Cancer Development in Rodent Models: A Systematic Review. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	7
959	Effect of Acupuncture on Sciatica in Rat Models: Systematic Review and Meta-analysis. <i>Journal of Korean Medicine Rehabilitation</i> , 2020, 30, 79-93.	0.2	2
960	Effectiveness of skin protectors and calendula officinalis for prevention and treatment of radiodermatitis: an integrative review. <i>Revista Brasileira De Enfermagem</i> , 2020, 73, e20190815.	0.2	4
961	The effect of natural products in animal models of temporomandibular disorders. <i>Journal of Applied Oral Science</i> , 2020, 28, e20200272.	0.7	0
962	Why Do We Need a Statistical Experiment Design?. <i>Laboratory Animal Science and Medicine</i> , 2021, , 129-146.	0.1	0
963	Effects of Anticoagulants on Experimental Models of Established Chronic Liver Diseases: A Systematic Review and Meta-Analysis. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2020, 2020, 1-15.	0.8	9
964	OMEGA-3 Interventions in Alcohol Dependence and Related Outcomes: A Systematic Review and Propositions. <i>Current Neuropharmacology</i> , 2020, 18, 456-462.	1.4	4
965	Medical Technology: A Systematic Review on Medical Devices Utilized for Epilepsy Prediction and Management. <i>Current Neuropharmacology</i> , 2022, 20, 950-964.	1.4	3
966	Brain Mass (Energy) Resistant to Hyperglycaemic Oversupply: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 740502.	1.4	2
967	Antibacterial Effects of Modified Implant Abutment Surfaces for the Prevention of Peri-Implantitisâ€”A Systematic Review. <i>Antibiotics</i> , 2021, 10, 1350.	1.5	9
968	Antitumor Effects of Evodiamine in Mice Model Experiments: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 774201.	1.3	1
969	A systematic review and meta-analysis of animal models of binge eating - Part 1: Definitions and food/drink intake outcomes. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 1137-1156.	2.9	2
970	The association between bisphenol A exposure and oxidative damage in rats/mice: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2022, 292, 118444.	3.7	11

#	ARTICLE	IF	CITATIONS
971	Libidibia ferrea (jucÃ¡i) anti-inflammatory action: A systematic review of in vivo and in vitro studies. PLoS ONE, 2021, 16, e0259545.	1.1	2
972	Evidence on the effect of uncontrolled diabetes mellitus on orthodontic tooth movement. A systematic review with meta-analyses in pre-clinical in- vivo research. Archives of Oral Biology, 2020, 115, 104739.	0.8	4
973	The Association between Mast Cell Distribution and Acupoint Specificity: A Comprehensive Review. Korean Journal of Acupuncture, 2020, 37, 145-158.	0.1	2
974	Effects of dietary fat manipulation on cognition in mice and rats: protocol for a systematic review and meta-analysis. BMJ Open Science, 2020, 4, e100108.	0.8	3
975	Natural products for orofacial nociception in pre-clinical studies: A systematic review. Archives of Oral Biology, 2020, 117, 104748.	0.8	5
976	Thermal Preconditioning for Surgery: A Systematic Review. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 1645-1664.	0.5	7
977	The use of systematic reviews and reporting guidelines to advance the implementation of the 3Rs. Journal of the American Association for Laboratory Animal Science, 2015, 54, 153-62.	0.6	19
978	The Effect of Non-Steroidal Anti-Inflammatory Drugs on Tendon-to-Bone Healing: A Systematic Review with Subgroup Meta-Analysis. Iowa orthopaedic journal, The, 2019, 39, 107-119.	0.5	10
980	Inorganic nitrate, a natural anti-obesity agent: A systematic review and meta-analysis of animal studies. EXCLI Journal, 2020, 19, 972-983.	0.5	5
981	Application of Adipose Tissue Stem Cells in Regenerative Dentistry: A Systematic Review. Journal of International Society of Preventive and Community Dentistry, 2021, 11, 266-271.	0.4	3
982	Active and Passive Immunization with Myelin Basic Protein as a Method for Early Treatment of Traumatic Spinal Cord Injury; a Meta-Analysis. Archives of Academic Emergency Medicine, 2021, 9, e57.	0.2	1
983	Association of cannabinoid receptor modulation with normal and abnormal skeletal remodelling: A systematic review and meta-analysis of in vitro, in vivo and human studies. Pharmacological Research, 2022, 175, 105928.	3.1	5
984	Efficacy of artemisinin and its derivatives in animal models of type 2 diabetes mellitus: A systematic review and meta-analysis. Pharmacological Research, 2022, 175, 105994.	3.1	4
985	A systematic review on the reporting quality in mouse telemetry implantation surgery using electrocardiogram recording devices. Physiology and Behavior, 2022, 244, 113645.	1.0	3
986	Antibacterial activity and bond strength of silver nanoparticles modified orthodontic bracket adhesive: A systematic review and meta-analysis of in-vitro and in-vivo studies. International Journal of Adhesion and Adhesives, 2022, 113, 103040.	1.4	9
987	Atheroprotective Effects and Mechanisms of Postmarketing Chinese Patent Formulas in Atherosclerosis Models: A Systematic Review. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-19.	0.5	2
988	Oxidative Stress Profile of Mothers and Their Offspring after Maternal Consumption of High-Fat Diet in Rodents: A Systematic Review and Meta-Analysis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	9
989	Combining Animal Welfare With Experimental Rigor to Improve Reproducibility in Behavioral Neuroscience. Frontiers in Behavioral Neuroscience, 2021, 15, 763428.	1.0	13

#	ARTICLE	IF	CITATIONS
990	Neuroprotection by Transcranial Direct Current Stimulation in Rodent Models of Focal Ischemic Stroke: A Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 761971.	1.4	10
991	Stimulating the Facial Nerve to Treat Ischemic Stroke: A Systematic Review. <i>Frontiers in Neurology</i> , 2021, 12, 753182.	1.1	7
992	Cell therapy as a treatment of secondary lymphedema: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 578.	2.4	3
993	Preclinical Imaging Evaluation of miRNAs TM Delivery and Effects in Breast Cancer Mouse Models: A Systematic Review. <i>Cancers</i> , 2021, 13, 6020.	1.7	4
994	Shexiang Baoxin Pill for Acute Myocardial Infarction: Clinical Evidence and Molecular Mechanism of Antioxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	10
995	Yeast Beta-Glucans Ingestion Does Not Influence Body Weight: A Systematic Review and Meta-Analysis of Pre-Clinical Studies. <i>Nutrients</i> , 2021, 13, 4250.	1.7	1
996	The Neuroprotective Effects of Cannabis-Derived Phytocannabinoids and Resveratrol in Parkinson TM s Disease: A Systematic Literature Review of Pre-Clinical Studies. <i>Brain Sciences</i> , 2021, 11, 1573.	1.1	9
997	Effectiveness of Direct Pulp Capping Bioactive Materials in Dentin Regeneration: A Systematic Review. <i>Materials</i> , 2021, 14, 6811.	1.3	12
998	The Role of Biodegradable Magnesium and Its Alloys in Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-Analysis Based on Animal Studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 789498.	2.0	1
999	Protocol for a preclinical systematic review and meta-analysis of pharmacological targeting of peroxisome proliferator-activated receptors in experimental renal injury. <i>BMJ Open Science</i> , 2021, 5, e100240.	0.8	3
1000	Development of a Systematic Review Protocol and a Scoping Review of Ultrasound-Induced Immune Effects in Peripheral Tumors. <i>Molecular Imaging and Biology</i> , 2021, , 1.	1.3	2
1001	Safety and Efficacy of the East Coast Fever Muguga Cocktail Vaccine: A Systematic Review. <i>Vaccines</i> , 2021, 9, 1318.	2.1	2
1002	The Activity of Plant Crude Extracts against <i>Schistosoma mansoni</i> . <i>Journal of Parasitology Research</i> , 2021, 2021, 1-9.	0.5	3
1003	Host Defence Peptides in Diabetes Mellitus Type 2 Patients with Periodontal Disease. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 2210.	1.3	2
1004	Effects of photobiomodulation therapy on regulation of myogenic regulatory factor α mRNA expression in vivo: A systematic review. <i>Journal of Biophotonics</i> , 2022, 15, e202100219.	1.1	3
1005	A rapid review and meta-regression analyses of the toxicological impacts of microplastic exposure in human cells. <i>Journal of Hazardous Materials</i> , 2022, 427, 127861.	6.5	76
1006	Exploring the Current Trends of Artificial Intelligence in Stem Cell Therapy: A Systematic Review. <i>Cureus</i> , 2021, 13, e20083.	0.2	9
1007	Supplemental <i>Aspergillus</i> Lipase and Protease Preparations Display Powerful Bifidogenic Effects and Modulate the Gut Microbiota Community of Rats. <i>Fermentation</i> , 2021, 7, 294.	1.4	6

#	ARTICLE	IF	CITATIONS
1008	Cut permeability and osteoarthritis, towards a mechanistic understanding of the pathogenesis: a systematic review. <i>Annals of Medicine</i> , 2021, 53, 2380-2390.	1.5	11
1009	Charged Particle Irradiation for Pancreatic Cancer: A Systematic Review of In Vitro Studies. <i>Frontiers in Oncology</i> , 2021, 11, 775597.	1.3	4
1010	Suture Tape Augmentation of Anterior Cruciate Ligament Reconstruction Increases Biomechanical Stability: A Scoping Review of Biomechanical, Animal, and Clinical Studies. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 2073-2089.	1.3	32
1011	Fibrous dysplasia animal models: A systematic review. <i>Bone</i> , 2022, 155, 116270.	1.4	6
1012	Effects of flavonols on emotional behavior and compounds of the serotonergic system: A preclinical systematic review. <i>European Journal of Pharmacology</i> , 2022, 916, 174697.	1.7	4
1013	Is there a rational basis for cannabinoids research and development in ocular pain therapy? A systematic review of preclinical evidence. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112505.	2.5	7
1014	Photodynamic therapy associated with nanomedicine strategies for treatment of human squamous cell carcinoma: A systematic review and meta-analysis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102505.	1.7	6
1015	The role of dendritic cells in endometriosis: A systematic review. <i>Journal of Reproductive Immunology</i> , 2022, 149, 103462.	0.8	9
1016	Resveratrol protects against renal ischemia/reperfusion injury: A systematic review and meta-analysis of preclinical studies. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, 2, 100040.	0.5	2
1017	Carvone and its pharmacological activities: A systematic review. <i>Phytochemistry</i> , 2022, 196, 113080.	1.4	17
1018	Ligament/Tendon Culture under Hypoxic Conditions: A Systematic Review. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 11, 595-600.	0.6	5
1019	Current status of traumatic brain injury research in Malaysia: A systematic review. <i>Neuroscience Research Notes</i> , 2020, 3, 1-21.	0.5	5
1020	Effect of implant fixation method on adhesions formation in IPOM hernia repair: a systematic review. <i>Russian Journal of Evidence-Based Gastroenterology</i> , 2021, 10, 38.	0.3	2
1021	The Applications of Focused Ultrasound (FUS) in Alzheimer's Disease Treatment: A Systematic Review on Both Animal and Human Studies. , 2021, 12, 1977.		22
1022	In Vivo Antibacterial Efficacy of Nanopatterns on Titanium Implant Surface: A Systematic Review of the Literature. <i>Antibiotics</i> , 2021, 10, 1524.	1.5	3
1023	A Systematic Review on HOX Genes as Potential Biomarkers in Colorectal Cancer: An Emerging Role of HOXB9. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13429.	1.8	6
1024	The Pro-tumor and Anti-tumor Effects of NLRP3 Inflammasome as a New Therapeutic Option for Colon Cancer: a Meta-analysis of Pre-clinical Studies. <i>Journal of Gastrointestinal Cancer</i> , 2023, 54, 227-236.	0.6	3
1025	Effect of Bone Marrow Mesenchymal Stromal Cell Therapies in Rodent Models of Sepsis: A Meta-Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 792098.	2.2	2

#	ARTICLE	IF	CITATIONS
1026	Use of CRISPR/Cas9 gene editing to improve chimeric antigen-receptor T cell therapy: A systematic review and meta-analysis of preclinical studies. <i>Cytotherapy</i> , 2022, 24, 405-412.	0.3	6
1027	Probiotic supplementation demonstrates therapeutic potential in treating gut dysbiosis and improving neurocognitive function in age-related dementia. <i>European Journal of Nutrition</i> , 2022, 61, 1701-1734.	1.8	8
1028	Systematic review of postoperative rehabilitation interventions after cranial cruciate ligament surgery in dogs. <i>Veterinary Surgery</i> , 2022, 51, 233-243.	0.5	11
1029	Transcutaneous Electrical Nerve Stimulation in Rodent Models of Neuropathic Pain: A Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2022, 16, 831413.	1.4	6
1030	The potential role of saffron (<i>Crocus Sativus L.</i>) and its components in oxidative stress in diabetes mellitus: A systematic review. <i>Clinical Nutrition ESPEN</i> , 2022, 48, 148-157.	0.5	10
1031	Effects of early life adversity on immediate early gene expression: Systematic review and 3-level meta-analysis of rodent studies. <i>PLoS ONE</i> , 2022, 17, e0253406.	1.1	3
1032	A compact guide to the systematic review and meta-analysis of the literature in neuroscience. <i>Journal for Reproducibility in Neuroscience</i> , 0, 2, 1669.	0.0	1
1033	Renin Angiotensin System as a Potential Treatment Target for Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Journal of Neurotrauma</i> , 2022, 39, 473-486.	1.7	2
1034	The Role of High Mobility Group Box 1 (HMGB1) in Neurodegeneration: A Systematic Review. <i>Current Neuropharmacology</i> , 2022, 20, 2221-2245.	1.4	3
1035	Factors Affecting Intraoperative Gastro-Oesophageal Reflux in Dogs and Cats. <i>Animals</i> , 2022, 12, 247.	1.0	3
1036	Neuroprotective Effects of Resveratrol in In vivo and In vitro Experimental Models of Parkinson's Disease: a Systematic Review. <i>Neurotoxicity Research</i> , 2022, 40, 319-345.	1.3	26
1037	The impact of weight cycling on health outcomes in animal models: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2022, 23, e13416.	3.1	8
1039	The mechanisms of saffron (<i>Crocus sativus</i>) on the inflammatory pathways of diabetes mellitus: A systematic review. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2022, 16, 102365.	1.8	6
1040	The efficacy of GABAergic precursor cells transplantation in alleviating neuropathic pain in animal models: a systematic review and meta-analysis. <i>Korean Journal of Pain</i> , 2022, 35, 43-58.	0.8	5
1041	Exposure to silicates and systemic autoimmune-related outcomes in rodents: a systematic review. <i>Particle and Fibre Toxicology</i> , 2022, 19, 4.	2.8	7
1042	The Effect of miRNA-Modified Exosomes in Animal Models of Spinal Cord Injury: A meta-Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 819651.	2.0	7
1043	Efficacy of topical cannabinoids in the management of pain: a systematic review and meta-analysis of animal studies. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 183-191.	1.1	2
1044	A Systematic Review on PD-1 Blockade and PD-1 Gene-Editing of CAR-T Cells for Glioma Therapy: From Deciphering to Personalized Medicine. <i>Frontiers in Immunology</i> , 2021, 12, 788211.	2.2	5

#	ARTICLE	IF	CITATIONS
1045	Conventional laboratory housing increases morbidity and mortality in research rodents: results of a meta-analysis. <i>BMC Biology</i> , 2022, 20, 15.	1.7	33
1046	Transcutaneous Electrical Nerve Stimulation in Nerve Regeneration: A Systematic Review of In Vivo Animal Model Studies. <i>Neuromodulation</i> , 2022, 25, 1248-1258.	0.4	7
1047	Quantifying the effect of coccidiosis on broiler performance and infection outcomes in the presence and absence of control methods. <i>Poultry Science</i> , 2022, 101, 101746.	1.5	18
1048	The effect of GLP-1 receptor agonists in pre-clinical rodent models of Parkinson's disease: A systematic review and meta-analysis. <i>Clinical Parkinsonism & Related Disorders</i> , 2022, 6, 100133.	0.5	0
1049	A systematic review and meta-analysis on the use of fibrin glue in peripheral nerve repair: Can we just glue it?. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, 75, 1018-1033.	0.5	15
1050	Meta-analysis links dietary branched-chain amino acids to metabolic health in rodents. <i>BMC Biology</i> , 2022, 20, 19.	1.7	8
1051	Effects of Stem Cell Therapy on Diabetic Mellitus Erectile Dysfunction: A Systematic Review and Meta-analysis. <i>Journal of Sexual Medicine</i> , 2022, 19, 21-36.	0.3	3
1052	Inflammasome Targeted Therapy as Novel Treatment Option for Aortic Aneurysms and Dissections: A Systematic Review of the Preclinical Evidence. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 805150.	1.1	2
1053	Lotus (<i>Nelumbo nucifera</i> Gaertn.) and Its Bioactive Phytocompounds: A Tribute to Cancer Prevention and Intervention. <i>Cancers</i> , 2022, 14, 529.	1.7	29
1054	3D-printed porous Ti6Al4V scaffolds for long bone repair in animal models: a systematic review. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 68.	0.9	19
1055	Impact of social isolation on the oxytocinergic system: A systematic review and meta-analysis of rodent data. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 134, 104549.	2.9	9
1056	Role of sulfated polysaccharides from seaweeds in bone regeneration: A systematic review. <i>Carbohydrate Polymers</i> , 2022, 284, 119204.	5.1	13
1057	Biomolecule-Mediated Therapeutics of the Dentin-Pulp Complex: A Systematic Review. <i>Biomolecules</i> , 2022, 12, 285.	1.8	7
1058	<i>Aspergillus</i> -Derived Cellulase Preparation Exhibits Prebiotic-like Effects on Gut Microbiota in Rats. <i>Fermentation</i> , 2022, 8, 71.	1.4	4
1059	Could combination chemotherapy be more effective than monotherapy in the treatment of visceral leishmaniasis? A systematic review of preclinical evidence. <i>Parasitology</i> , 2022, , 1-51.	0.7	2
1060	Baihe Extracts Reduce the Activation and Apoptosis of Microglia in the Hippocampus of Mice with Depression-like Behaviors by Downregulating MYC. <i>ACS Chemical Neuroscience</i> , 2022, 13, 587-598.	1.7	2
1061	The Efficacy of Platelet-Rich Plasma for Ligament Injuries: A Systematic Review of Basic Science Literature With Protocol Quality Assessment. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712110665.	0.8	5
1062	Defining clinical diagnosis and treatment of puerperal metritis in dairy cows: A scoping review. <i>Journal of Dairy Science</i> , 2022, 105, 3440-3452.	1.4	5

#	ARTICLE	IF	CITATIONS
1063	Rapid maxillary expansion supplementary methods: A scoping review of animal studies. <i>International Orthodontics</i> , 2022, , 100614.	0.6	1
1064	Efficacy of commercially available vaccines against canine leptospirosis: A systematic review and meta-analysis. <i>Vaccine</i> , 2022, 40, 1722-1740.	1.7	9
1065	What is the effectiveness of titanium tetrafluoride to prevent or treat dental caries and tooth erosion? A systematic review. <i>Acta Odontologica Scandinavica</i> , 2022, 80, 441-456.	0.9	1
1066	Osseoperception following dental implant treatment: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 573-585.	1.3	12
1067	Temporal patterns of microglial activation in white matter following experimental mild traumatic brain injury: a systematic literature review. <i>Acta Neuropathologica Communications</i> , 2021, 9, 197.	2.4	9
1068	Exposure to Dibutyl Phthalate and Reproductive-Related Outcomes in Animal Models: Evidence From Rodents Study. <i>Frontiers in Physiology</i> , 2021, 12, 684532.	1.3	13
1069	Application of adipose tissue stem cells in regenerative dentistry: A systematic review. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2021, 11, 266.	0.4	7
1070	Systematic Reviews and Meta-Analysis: A Guide for Beginners. <i>Indian Pediatrics</i> , 2021, , .	0.2	0
1071	The effect of quercetin on diabetic nephropathy (DN): a systematic review and meta-analysis of animal studies. <i>Food and Function</i> , 2022, 13, 4789-4803.	2.1	24
1072	The Effects of NLRP3 Inflammasome Inhibition in Experimental Acute Pancreatitis. <i>Pancreas</i> , 2022, 51, 13-24.	0.5	6
1073	A systematic review of studies investigating the acute effects of N-methyl-D-aspartate receptor antagonists on behavioural despair in normal animals suggests poor predictive validity. <i>Brain and Neuroscience Advances</i> , 2022, 6, 239821282210816.	1.8	8
1074	Preclinical efficacy of African medicinal plants used in the treatment of snakebite envenoming: a systematic review protocol. <i>Therapeutic Advances in Infectious Disease</i> , 2022, 9, 204993612110726.	1.1	2
1075	Evidence of treating spasticity before it develops: a systematic review of spasticity outcomes in acute spinal cord injury interventional trials. <i>Therapeutic Advances in Neurological Disorders</i> , 2022, 15, 175628642110706.	1.5	3
1076	A Structured Approach to Optimizing Animal Model Selection for Human Translation: The Animal Model Quality Assessment. <i>ILAR Journal</i> , 2021, 62, 66-76.	1.8	5
1077	Is there a role for stem cell therapy in erectile dysfunction secondary to cavernous nerve injury? Network meta-analysis from animal studies and human trials. <i>Therapeutic Advances in Urology</i> , 2022, 14, 175628722210869.	0.9	9
1078	Bone Using Stem Cells for Maxillofacial Bone Disorders: A Systematic Review and Meta-analysis. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 1.	0.8	2
1079	Animal studies for the evaluation of in situ tissue-engineered vascular grafts – a systematic review, evidence map, and meta-analysis. <i>Npj Regenerative Medicine</i> , 2022, 7, 17.	2.5	10
1080	Citrus Extract as a Perspective for the Control of Dyslipidemia: A Systematic Review With Meta-Analysis From Animal Models to Human Studies. <i>Frontiers in Pharmacology</i> , 2022, 13, 822678.	1.6	3

#	ARTICLE	IF	CITATIONS
1081	Therapeutic efficacy of mesenchymal stem cells for abdominal aortic aneurysm: a meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2022, 13, 81.	2.4	4
1082	Interaction of Medicinal Plants and Their Active Constituents With Potassium Ion Channels: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2022, 13, 831963.	1.6	6
1083	Antibacterial action mechanisms and mode of trypsin inhibitors: a systematic review. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 749-759.	2.5	6
1084	Impact of Diet Consistency on the Mandibular Morphology: A Systematic Review of Studies on Rat Models. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2706.	1.2	9
1085	Anti-inflammatory and wound healing effect of Copaiba oleoresin on the oral cavity: A systematic review. <i>Heliyon</i> , 2022, 8, e08993.	1.4	10
1086	A systematic review and meta-analyses of interleukin-1 receptor associated kinase 3 (IRAK3) action on inflammation in in vivo models for the study of sepsis. <i>PLoS ONE</i> , 2022, 17, e0263968.	1.1	12
1087	Caspase Inhibition as a Possible Therapeutic Strategy for Pemphigus Vulgaris: A Systematic Review of Current Evidence. <i>Biology</i> , 2022, 11, 314.	1.3	0
1088	The anti-Leishmania potential of bioactive compounds derived from naphthoquinones and their possible applications. A systematic review of animal studies. <i>Parasitology Research</i> , 2022, 121, 1247-1280.	0.6	4
1089	Effectiveness of sacubitril-valsartan in patients with cancer therapy-related cardiac dysfunction: a systematic review of clinical and preclinical studies. <i>Minerva Medica</i> , 2022, 113, .	0.3	4
1090	The minipig intraoral dental implant model: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0264475.	1.1	9
1091	Genetic Factors That Affect Asymmetric Mandibular Growthâ€”A Systematic Review. <i>Symmetry</i> , 2022, 14, 490.	1.1	5
1092	Protocol for a systematic review of the in vivo studies on radiofrequency (100â€”300â€”GHz) electromagnetic field exposure and cancer. <i>Systematic Reviews</i> , 2022, 11, 29.	2.5	1
1093	Amniotic Fluid: A Perspective on Promising Advances in the Prevention and Treatment of Necrotizing Enterocolitis. <i>Frontiers in Pediatrics</i> , 2022, 10, 859805.	0.9	4
1094	TOPICAL USE OF GREEN PROPOLIS FOR WOUND HEALING: A SYSTEMATIC REVIEW OF THE LITERATURE. <i>ESTIMA Brazilian Journal of Enterostomal Therapy</i> , 0, , .	0.1	0
1095	Efficacy of stem cell secretome in the treatment of traumatic brain injury: A systematic review and meta-analysis of preclinical studies. <i>Molecular Neurobiology</i> , 2022, 59, 2894-2909.	1.9	9
1096	Inner Ear Pharmacotherapy for Residual Hearing Preservation in Cochlear Implant Surgery: A Systematic Review. <i>Biomolecules</i> , 2022, 12, 529.	1.8	11
1097	Non-alcoholic Fatty Liver Disease: Also a Disease of the Brain? A Systematic Review of the Preclinical Evidence. <i>Neurochemical Research</i> , 2022, , 1.	1.6	5
1098	Structureâ€”Function Relationships in the Rodent Streptozotocin-Induced Model for Diabetic Retinopathy: A Systematic Review. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2022, 38, 271-286.	0.6	9

#	ARTICLE	IF	CITATIONS
1099	What Is the Optimal Timing of Transplantation of Neural Stem Cells in Spinal Cord Injury? A Systematic Review and Network Meta-Analysis Based on Animal Studies. <i>Frontiers in Immunology</i> , 2022, 13, 855309.	2.2	5
1100	Time Window of the Critical Period for Neuroplasticity in S1, V1, and A1 Sensory Areas of Small Rodents: A Systematic Review. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 763245.	0.9	4
1101	USO TÃ“PICO DA PRÃ“POLIS VERDE PARA A CICATRIZAÃ“FO DE FERIDAS: REVISÃ“O SISTEMÃ“TICA DA LITERATURA. ESTIMA Brazilian Journal of Enterostomal Therapy, 0, , .	0.1	0
1102	Spinal Cord Injury: A Systematic Review and Network Meta-Analysis of Therapeutic Strategies Based on 15 Types of Stem Cells in Animal Models. <i>Frontiers in Pharmacology</i> , 2022, 13, 819861.	1.6	13
1103	Therapeutic Effect of Exosomes Derived From Stem Cells in Spinal Cord Injury: A Systematic Review Based on Animal Studies. <i>Frontiers in Neurology</i> , 2022, 13, 847444.	1.1	5
1104	Conjugates for use in peptide therapeutics: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0255753.	1.1	11
1105	Systematic reviews and meta-analyses in animal model research: as necessary, and with similar pros and cons, as in patient research. <i>European Respiratory Journal</i> , 2022, 59, 2102438.	3.1	2
1106	Antioxidant and Anti-inflammatory Properties of Resveratrol in Diabetic Nephropathy: A Systematic Review and Meta-analysis of Animal Studies. <i>Frontiers in Pharmacology</i> , 2022, 13, 841818.	1.6	18
1107	Potentially carcinogenic effects of hydrogen peroxide forÃtoothÃbleaching on the oral mucosa: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2024, 131, 375-383.	1.1	2
1108	A Systematic Review and Network Meta-Analysis of Biomedical Mg Alloy and Surface Coatings in Orthopedic Application. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-32.	1.8	5
1109	Does the incorporation of strontium into calcium phosphate improve bone repair? A meta-analysis. <i>BMC Oral Health</i> , 2022, 22, 62.	0.8	5
1110	The Promising Hydrogel Candidates for Preclinically Treating Diabetic Foot Ulcer: A Systematic Review and Meta-Analysis. <i>Advances in Wound Care</i> , 2023, 12, 28-37.	2.6	13
1111	The effect of nanoparticles on pulmonary fibrosis: a systematic review and Meta-analysis of preclinical studies. <i>Archives of Environmental and Occupational Health</i> , 2022, , 1-11.	0.7	5
1112	What has preclinical systematic review ever done for us?. <i>BMJ Open Science</i> , 2022, 6, e100219.	0.8	4
1113	Association of <i>Blastocystis hominis</i> with colorectal cancer: A systematic review of <i>in vitro</i> and <i>in vivo</i> evidences. <i>World Journal of Gastrointestinal Oncology</i> , 2022, 14, 734-745.	0.8	2
1114	Systematic review and meta-analysis of studies in which burrowing behaviour was assessed in rodent models of disease-associated persistent pain. <i>Pain</i> , 2022, 163, 2076-2102.	2.0	6
1115	Next-Generation and Single-Cell Sequencing Approaches to Study Atherosclerosis and Vascular Inflammation Pathophysiology: A Systematic Review. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849675.	1.1	5
1116	Molecular Processes in Stress Urinary Incontinence: A Systematic Review of Human and Animal Studies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3401.	1.8	7

#	ARTICLE	IF	CITATIONS
1117	Reelin Alterations, Behavioral Phenotypes, and Brain Anomalies in Schizophrenia: A Systematic Review of Insights From Rodent Models. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 844737.	0.9	8
1118	Spinal cord injury: a study protocol for a systematic review and meta-analysis of microRNA alterations. <i>Systematic Reviews</i> , 2022, 11, 61.	2.5	3
1119	Early interventions to prevent lower urinary tract dysfunction after spinal cord injury: a systematic review. <i>Spinal Cord</i> , 2022, , .	0.9	0
1120	Preclinical evidence of the effect of quercetin on diabetic nephropathy: A meta-analysis of animal studies. <i>European Journal of Pharmacology</i> , 2022, 921, 174868.	1.7	9
1121	Preclinical Evidence of Paeoniflorin Effectiveness for the Management of Cerebral Ischemia/Reperfusion Injury: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 827770.	1.6	5
1122	Anthocyanin as a therapeutic in Alzheimer's disease: A systematic review of preclinical evidences. <i>Ageing Research Reviews</i> , 2022, 76, 101595.	5.0	25
1123	The emerging risk of microplastics and nanoplastics on the microstructure and function of reproductive organs in mammals: A systematic review of preclinical evidence. <i>Life Sciences</i> , 2022, 295, 120404.	2.0	34
1124	Systematic Evaluation of Spinal Cord Injury Animal Models in the Field of Biomaterials. <i>Tissue Engineering - Part B: Reviews</i> , 2021, , .	2.5	3
1125	Tissue Engineering for the Diaphragm and its Various Therapeutic Possibilities – A Systematic Review. <i>Advanced Therapeutics</i> , 2022, 5, .	1.6	1
1126	Pharmacological Targeting of the CCL2/CCR2 Axis for Atheroprotection: A Meta-Analysis of Preclinical Studies. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 101161ATVBAHA122317492.	1.1	8
1127	The effects of orthobiologics in the treatment of tendon pathologies: a systematic review of preclinical evidence. <i>Journal of Experimental Orthopaedics</i> , 2022, 9, 31.	0.8	4
1128	Effects of selenium supplementation on glycemic control markers in healthy rodents: A systematic review protocol. <i>PLoS ONE</i> , 2022, 17, e0261985.	1.1	1
1129	Raman Spectroscopy as a Neuromonitoring Tool in Traumatic Brain Injury: A Systematic Review and Clinical Perspectives. <i>Cells</i> , 2022, 11, 1227.	1.8	10
1130	Effects of dietary fiber on intestinal iron absorption, and physiological status: a systematic review of <i>in vivo</i> and clinical studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, , 1-16.	5.4	6
1131	Meta-analysis of sleep deprivation effects on depression in rodents. <i>Brain Research</i> , 2022, 1782, 147841.	1.1	2
1132	The health effect of probiotics on high-fat diet-induced cognitive impairment, depression and anxiety: A cross-species systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 136, 104634.	2.9	17
1133	Biomarkers common for inflammatory periodontal disease and depression: A systematic review. <i>Brain, Behavior, & Immunity - Health</i> , 2022, 21, 100450.	1.3	13
1134	Sex and age dimorphism of the gut-brain axis in ischemic stroke: A systematic review of preliminary studies. <i>Brain Research</i> , 2022, 1784, 147888.	1.1	4

#	ARTICLE	IF	CITATIONS
1135	Biological activities of <i>Eugenia uniflora</i> L. (pitangueira) extracts in oxidative stress-induced pathologies: A systematic review and meta-analysis of animal studies. <i>PharmaNutrition</i> , 2022, 20, 100290.	0.8	5
1136	Natural products modulating interleukins and other inflammatory mediators in tumor-bearing animals: A systematic review. <i>Phytomedicine</i> , 2022, 100, 154038.	2.3	7
1137	Effects and contributory factors of sulfur-fumigation on the efficacy and safety of medicinal herbs evaluated by meta-analysis. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115250.	2.0	5
1138	Boron compound administration; A novel agent in weight management: A systematic review and meta-analysis of animal studies. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 72, 126969.	1.5	3
1139	Angiotensin-converting enzyme inhibitors in preclinical myxomatous mitral valve disease in dogs: systematic review and meta-analysis. <i>Journal of Small Animal Practice</i> , 2022, 63, 362-371.	0.5	1
1140	Antitumor activity of fucoidan: a systematic review and meta-analysis. <i>Translational Cancer Research</i> , 2021, 10, 5390-5405.	0.4	7
1141	The Potential Role of Previous Physical Exercise Program to Reduce Seizure Susceptibility: A Systematic Review and Meta-Analysis of Animal Studies. <i>Frontiers in Neurology</i> , 2021, 12, 771123.	1.1	5
1142	Evaluation of bone marrow-derived cell-based therapies in the hindlimb ischaemia model: a protocol for a systematic review and meta-analysis. <i>BMJ Open Science</i> , 2021, 5, e100209.	0.8	0
1143	Abdominal Wall Vascularized Composite Allotransplantation: A Scoping Review. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 481-490.	1.0	2
1144	Effect of Metformin on Locomotor Function Recovery in Rat Spinal Cord Injury Model: A Meta-analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	4
1145	Sphingosine-1-Phosphate and Its Signal Modulators Alleviate Psoriasis-Like Dermatitis: Preclinical and Clinical Evidence and Possible Mechanisms. <i>Frontiers in Immunology</i> , 2021, 12, 759276.	2.2	14
1146	Heavy metal profile of surface and ground water samples from the Niger Delta region of Nigeria: a systematic review and meta-analysis. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 46.	1.3	6
1147	Molecular Changes in the Dorsal Root Ganglion during the Late Phase of Peripheral Nerve Injury-induced Pain in Rodents: A Systematic Review. <i>Anesthesiology</i> , 2022, 136, 362-388.	1.3	5
1148	The relation between the gut microbiome and osteoarthritis: A systematic review of literature. <i>PLoS ONE</i> , 2021, 16, e0261353.	1.1	19
1149	Effects of Therapeutic Ultrasound on Growth Plates: A Systematic Review. <i>Pediatric Physical Therapy</i> , 2022, 34, 2-8.	0.3	1
1150	Wistar rat as an animal model to study high-fat induced kidney damage: a systematic review. <i>Archives of Physiology and Biochemistry</i> , 2021, , 1-10.	1.0	0
1151	Platelet rich plasma effectiveness in bowel anastomoses: A systematic review. <i>World Journal of Gastrointestinal Surgery</i> , 2021, 13, 1736-1753.	0.8	4
1152	Nerve recovery from treatment with a vascularized nerve graft compared to an autologous non-vascularized nerve graft in animal models: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0252250.	1.1	3

#	ARTICLE	IF	CITATIONS
1153	Clinical effect of vitamin C supplementation on bone healing: A systematic review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2022, , e205-e215.	0.7	7
1154	Irisin effects on bone: systematic review with meta-analysis of preclinical studies and prospects for oral health. <i>Brazilian Oral Research</i> , 2022, 36, e055.	0.6	4
1155	Do we have enough evidence to propose a urinary biomarker of bladder ischemia? A systematic review and meta-analysis. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2022, , .	0.6	1
1156	The Effect of Chinese Medicinal Formulas on Biomarkers of Oxidative Stress in STZ-Induced Diabetic Kidney Disease Rats: A Meta-Analysis and Systematic Review. <i>Frontiers in Medicine</i> , 2022, 9, 848432.	1.2	1
1157	Hepatoprotection of Probiotics Against Non-Alcoholic Fatty Liver Disease in vivo: A Systematic Review. <i>Frontiers in Nutrition</i> , 2022, 9, 844374.	1.6	5
1158	MicroRNA-143 expression inhibits the growth and the invasion of osteosarcoma. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 236.	0.9	5
1159	Coenzyme Q10 Reduces Infarct Size in Animal Models of Myocardial Ischemia-Reperfusion Injury: A Meta-Analysis and Summary of Underlying Mechanisms. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 857364.	1.1	6
1160	Trimethylamine N-oxide reduction is related to probiotic strain specificity: A systematic review. <i>Nutrition Research</i> , 2022, 104, 29-35.	1.3	7
1161	Interventions for Infection and Inflammation-Induced Preterm Birth: a Preclinical Systematic Review. <i>Reproductive Sciences</i> , 2023, 30, 361-379.	1.1	3
1162	In Vivo Antibacterial Efficacy of Antimicrobial Peptides Modified Metallic Implantsâ€”Systematic Review and Meta-Analysis. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1749-1762.	2.6	6
1163	Cardiac consequences of intermittent hypoxia: a matter of dose? A systematic review and meta-analysis in rodents. <i>European Respiratory Review</i> , 2022, 31, 210269.	3.0	18
1164	Potential pharmacokinetic and pharmacodynamic herb-drug interactions of <i>Andrographis paniculata</i> (Burm. f.) and andrographolide: A systematic review. <i>Journal of HerbMed Pharmacology</i> , 2022, 11, 154-165.	0.4	3
1165	Mesenchymal stromal/stem cell therapy for radiation-induced salivary gland hypofunction in animal models: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2022, 11, 72.	2.5	3
1166	â€œTestosterone decreases temporomandibular joint nociceptionâ€” A systematic review of studies on animal models. <i>Archives of Oral Biology</i> , 2022, 139, 105430.	0.8	2
1167	The consequences of neonatal pain, stress and opiate administration in animal models: An extensive meta-analysis concerning neuronal cell death, motor and behavioral outcomes. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104661.	2.9	5
1168	A systemic review of the role of enterotoxigenic <i>Bacteroides fragilis</i> in colorectal cancer. <i>Neoplasia</i> , 2022, 29, 100797.	2.3	19
1211	ProclariX, A New Biomarker for the Diagnosis of Clinically Significant Prostate Cancer: A Systematic Review. <i>Molecular Diagnosis and Therapy</i> , 2022, 26, 273-281.	1.6	7
1213	Meta-analysis Flavonoids from traditional Chinese herbs for diabetes in rats: a network Meta-analysi.. <i>Journal of Traditional Chinese Medicine</i> , 2022, 42, 1-8.	0.1	0

#	ARTICLE	IF	CITATIONS
1215	Applications of teriparatide for alveolar bone regeneration: A systematic review. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2021, 11, 639.	0.4	0
1217	Effects of natural dihydrochalcones in sweet tea (<i>Lithocarpus polystachyus</i>) on diabetes: a systematic review and meta-analysis of animal studies. <i>Food and Function</i> , 2022, 13, 5899-5913.	2.1	10
1218	Effect of stevia leaves (<i>Stevia rebaudiana</i> Bertonii) on diabetes: A systematic review and meta-analysis of preclinical studies. <i>Food Science and Nutrition</i> , 2022, 10, 2868-2878.	1.5	4
1219	Do alternative scaffolds used in regenerative endodontics promote better root development than that achieved with blood clots?. <i>Brazilian Dental Journal</i> , 2022, 33, 22-32.	0.5	4
1220	A Systematic Review on the Effects of Different Types of Probiotics in Animal Alzheimer's Disease Studies. <i>Frontiers in Psychiatry</i> , 2022, 13, 879491.	1.3	15
1221	The Effects of Oral Administration of Deer Antler Extracts on an Osteoporosis-induced Animal Model: A Systematic Review and Meta-analysis. <i>Journal of Korean Medicine Rehabilitation</i> , 2022, 32, 65-81.	0.2	1
1222	Pre- and post-conditioning with poly I:C exerts neuroprotective effect against cerebral ischemia injury in animal models: A systematic review and meta-analysis. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1168-1182.	1.9	4
1223	Preconditioning Methods to Improve Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Bone Regeneration—A Systematic Review. <i>Biology</i> , 2022, 11, 733.	1.3	6
1224	The role and mechanism of tetramethylpyrazine for atherosclerosis in animal models: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0267968.	1.1	2
1225	Anti-Oxidative Effect of Pu-erh Tea in Animals Trails: A Systematic Review and Meta-Analysis. <i>Foods</i> , 2022, 11, 1333.	1.9	3
1226	The role of systematic reviews in identifying the limitations of preclinical animal research, 2000–2022: part 1. <i>Journal of the Royal Society of Medicine</i> , 2022, 115, 186-192.	1.1	5
1227	Effect of Curcumin on Experimental Models of Cystic Fibrosis: A Systematic Review. <i>Iranian Journal of Pediatrics</i> , 2022, 32, .	0.1	0
1228	Murine models of radiation cardiotoxicity: A systematic review and recommendations for future studies. <i>Radiotherapy and Oncology</i> , 2022, 173, 19-31.	0.3	15
1229	Polyhydroxybutyrate (PHB) Scaffolds for Peripheral Nerve Regeneration: A Systematic Review of Animal Models. <i>Biology</i> , 2022, 11, 706.	1.3	7
1230	Translational Value of the Transdermal Administration of Bergamot Essential Oil and of Its Fractions. <i>Pharmaceutics</i> , 2022, 14, 1006.	2.0	8
1231	Wound contraction rate in excised and unexcised burn wounds with laser photobiomodulation: Systematic review and meta-analysis of preclinical studies. <i>Burns</i> , 2023, 49, 261-274.	1.1	2
1232	Repetitive transcranial magnetic stimulation (rTMS) for multiple neurological conditions in rodent animal models: A systematic review. <i>Neurochemistry International</i> , 2022, 157, 105356.	1.9	7
1233	Effects of Endocannabinoid System Modulation on Social Behaviour: A Systematic Review of Animal Studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, , 104680.	2.9	2

#	ARTICLE	IF	CITATIONS
1234	Effects of prebiotic supplementation on the concentration of short-chain fatty acids in the ceca of broiler chickens: A meta-analysis of controlled trials. <i>Animal Feed Science and Technology</i> , 2022, 288, 115296.	1.1	0
1235	Blood-brain barrier permeability following conventional photon radiotherapy – A systematic review and meta-analysis of clinical and preclinical studies. <i>Clinical and Translational Radiation Oncology</i> , 2022, 35, 44-55.	0.9	12
1236	Systematic Reviews and Meta-Analysis: A Guide for Beginners. <i>Indian Pediatrics</i> , 2022, 59, 320-330.	0.2	3
1237	Resveratrol and Curcumin for Chagas Disease Treatment – A Systematic Review. <i>Pharmaceuticals</i> , 2022, 15, 609.	1.7	7
1238	Resistivity and pulsatility indexes in feline kidney disease: a systematic review. <i>Veterinary Radiology and Ultrasound</i> , 2022, 63, 306-318.	0.4	3
1239	Impact of curcumin, quercetin, or resveratrol on the pathophysiology of endometriosis: A systematic review. <i>Phytotherapy Research</i> , 2022, 36, 2416-2433.	2.8	10
1240	Burn-Induced Local and Systemic Immune Response: Systematic Review and Meta-Analysis of Animal Studies. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3093-3109.e15.	0.3	12
1241	Stem cell-based therapies for temporomandibular joint osteoarthritis and regeneration of cartilage/osteochondral defects: a systematic review of preclinical experiments. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1174-1185.	0.6	13
1242	The Effects of Caffeine Following Hypoxic-Ischemic Encephalopathy: A Systematic Review of Preclinical Studies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1243	Duck Hepatitis a Virus Prevalence in Mainland China between 2009 – 2021: A Systematic Review and Meta-Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1244	Vitamin Supplementation Protects against Nanomaterial-Induced Oxidative Stress and Inflammation Damages: A Meta-Analysis of In Vitro and In Vivo Studies. <i>Nutrients</i> , 2022, 14, 2214.	1.7	5
1245	Papaya (<i>Carica papaya</i> L.) for cancer prevention: Progress and promise. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10499-10519.	5.4	4
1246	The antidepressant and anxiolytic effects of cannabinoids in chronic unpredictable stress: a preclinical systematic review and meta-analysis. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	6
1247	What protein kinases are crucial for acantholysis and blister formation in pemphigus vulgaris? A systematic review. <i>Journal of Cellular Physiology</i> , 0, , .	2.0	4
1248	Metformin as a potential disease-modifying drug in osteoarthritis: a systematic review of pre-clinical and human studies. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 1434-1442.	0.6	12
1249	The effect of preconditioning agents on cardiotoxicity and neurotoxicity of carbon monoxide poisoning in animal studies: a systematic review. <i>Drug and Chemical Toxicology</i> , 2023, 46, 256-270.	1.2	1
1250	Management of Atopic Dermatitis Via Oral and Topical Administration of Herbs in Murine Model: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	6
1251	Beneficial effects of whole-body vibration exercise for brain disorders in experimental studies with animal models: a systematic review. <i>Behavioural Brain Research</i> , 2022, 431, 113933.	1.2	7

#	ARTICLE	IF	CITATIONS
1252	Photobiomodulation for Tendinopathy: A Review of Preclinical Studies. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 0, , .	0.7	1
1253	The effect of aerobic exercise on tumour blood delivery: a systematic review and meta-analysis. <i>Supportive Care in Cancer</i> , 0, , .	1.0	2
1254	A systematic review of in vivo stretching regimens on inflammation and its relevance to translational yoga research. <i>PLoS ONE</i> , 2022, 17, e0269300.	1.1	6
1255	Protective efficacy of new-generation anticoccidial vaccine candidates against <i>Eimeria</i> infection in chickens: A meta-analysis of challenge trials. <i>Veterinary Parasitology</i> , 2022, 306, 109724.	0.7	4
1256	Effects of diet-induced obesity in the development of lymphedema in the animal model: A literature review. <i>Obesity Research and Clinical Practice</i> , 2022, 16, 197-205.	0.8	3
1257	The Efficacy and Underlying Mechanism of Berberine against Atherosclerosis: a Meta-analysis in Preclinical Animal Studies. <i>Journal of Cardiovascular Pharmacology</i> , 2022, Publish Ahead of Print, .	0.8	0
1258	A Systematic Review and Meta-Analysis of Phytoestrogen Protects Against Myocardial Ischemia/Reperfusion Injury: Pre-Clinical Evidence From Small Animal Studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
1259	Effect of Exercise on Breast Cancer: A Systematic Review and Meta-analysis of Animal Experiments. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3
1260	Systematic Review on Diversity and Distribution of Anopheles Species in Gabon: A Fresh Look at the Potential Malaria Vectors and Perspectives. <i>Pathogens</i> , 2022, 11, 668.	1.2	3
1261	Laminin as a Biomarker of Blood-Brain Barrier Disruption under Neuroinflammation: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6788.	1.8	8
1262	Adipose tissue-derived stem cells as a potential candidate in treatment of Alzheimer's disease: A systematic review on preclinical studies. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	1.1	1
1263	Intraperitoneal drug delivery systems releasing cytostatic agents to target gastro-intestinal peritoneal metastases in laboratory animals: a systematic review. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 541-579.	1.7	4
1264	Systematic Review of the Serotonergic System in the Pathophysiology of Severe Dengue: The Theory of Thrombocytopenia and Vascular Extravasation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	1
1265	Immunological reaction to magnesium-based implants for orthopedic applications. What do we know so far? A systematic review on in vivo studies. <i>Materials Today Bio</i> , 2022, 15, 100315.	2.6	2
1266	Neuroprotective Effect and Possible Mechanisms of Berberine in Diabetes-Related Cognitive Impairment: A Systematic Review and Meta-Analysis of Animal Studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
1267	Effect of Nitric Oxide Pathway Inhibition on the Evolution of Anaphylactic Shock in Animal Models: A Systematic Review. <i>Biology</i> , 2022, 11, 919.	1.3	0
1268	Effects of Flavonoid Supplementation on Nanomaterial-Induced Toxicity: A Meta-Analysis of Preclinical Animal Studies. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
1269	The effect of helminth infection on vaccine responses in humans and animal models: A systematic review and meta-analysis. <i>Parasite Immunology</i> , 2022, 44, .	0.7	10

#	ARTICLE	IF	CITATIONS
1270	Renal Protective Effects of Melatonin in Animal Models of Diabetes Mellitus-Related Kidney Damage: A Systematic Review and Meta-Analysis. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-12.	1.0	2
1271	Prospect of Stem Cells as Promising Therapy for Brachial Plexus Injury: A Systematic Review. <i>Stem Cells and Cloning: Advances and Applications</i> , 0, Volume 15, 29-42.	2.3	1
1272	The Open Field Test as a Tool for Behaviour Analysis in Pigs: Recommendations for Set-Up Standardization – A Systematic Review. <i>European Surgical Research</i> , 2023, 64, 7-26.	0.6	5
1273	The effects of caffeine following hypoxic-ischemic encephalopathy: A systematic review of animal studies. <i>Brain Research</i> , 2022, 1790, 147990.	1.1	6
1274	Bridging the gap between emerging models and humans by learning from polio animal studies: A systematic review. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.2	3
1275	Photobiomodulation in Acute Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Journal of Neurotrauma</i> , 2023, 40, 210-227.	1.7	10
1276	Aberrant IL-17 Levels in Rodent Models of Autism Spectrum Disorder: A Systematic Review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
1277	4-nitroquinoline-1-oxide (4NQO) induced oral carcinogenesis: A systematic literature review. <i>Pathology Research and Practice</i> , 2022, 236, 153970.	1.0	5
1278	Translational validity and methodological underreporting in animal research: A systematic review and meta-analysis of the Fragile X syndrome (Fmr1 KO) rodent model. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 139, 104722.	2.9	14
1279	Effect of traditional Chinese Medicine on ADHD animal behavior and brain tissue dopamine and cAMP: A network meta-analysis. <i>Pharmacological Research Modern Chinese Medicine</i> , 2022, 4, 100128.	0.5	0
1280	Ketogenic therapy for Parkinson's disease: A systematic review and synthesis without meta-analysis of animal and human trials. <i>Maturitas</i> , 2022, 163, 46-61.	1.0	8
1281	Rodent peri-implantitis models: a systematic review and meta-analysis of morphological changes. <i>Journal of Periodontal and Implant Science</i> , 2022, 52, 479.	0.9	2
1282	Can Dietary Nutrients Prevent Cancer Chemotherapy-Induced Cardiotoxicity? An Evidence Mapping of Human Studies and Animal Models. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	6
1283	Naturally Occurring Osteoarthritis Features and Treatments: Systematic Review on the Aged Guinea Pig Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7309.	1.8	7
1284	Allogenic perinatal tissue for musculoskeletal regenerative medicine applications: a systematic review protocol. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, .	0.9	3
1285	Role of Regulatory T Cells in Skeletal Muscle Regeneration: A Systematic Review. <i>Biomolecules</i> , 2022, 12, 817.	1.8	1
1286	The Impact of Non-caloric Sweeteners on Male Fertility: A Systematic Review and Narrative Synthesis in Rodent Models. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	2
1287	Effect of Physiotherapeutic Interventions on Biomarkers of Neuropathic Pain: A Systematic Review of Preclinical Literature. <i>Journal of Pain</i> , 2022, 23, 1833-1855.	0.7	9

#	ARTICLE	IF	CITATIONS
1288	Recent Advances of Pullulan and/or Dextran-Based Materials for Bone Tissue Engineering Strategies in Preclinical Studies: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
1289	Development of a reporting guideline for systematic reviews of animal experiments in the field of traditional Chinese medicine. <i>Journal of Evidence-Based Medicine</i> , 2022, 15, 152-167.	0.7	3
1290	A comprehensive insight into effects of resveratrol on molecular mechanism in rheumatoid arthritis: A literature systematic review. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 827-843.	0.9	8
1291	The effect of immunomodulatory properties of naringenin on the inhibition of inflammation and oxidative stress in autoimmune disease models: a systematic review and meta-analysis of preclinical evidence. <i>Inflammation Research</i> , 2022, 71, 1127-1142.	1.6	9
1292	The Effect of GABAergic Cells Transplantation on Allodynia and Hyperalgesia in Neuropathic Animals: A Systematic Review With Meta-Analysis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
1293	Application of chemical factors for acceleration of consolidation phase of the distraction osteogenesis: a scoping review. <i>Oral and Maxillofacial Surgery</i> , 0, , .	0.6	0
1294	Regeneration of periodontal bone defects with mesenchymal stem cells in animal models. Systematic review and meta-analysis. <i>Odontology / the Society of the Nippon Dental University</i> , 2023, 111, 105-122.	0.9	1
1295	Poor Reporting Quality in Basic Nutrition Research: A Case Study Based on a Scoping Review of Recent Folate Research in Mouse Models (2009-2021). <i>Advances in Nutrition</i> , 0, , .	2.9	1
1296	Targeting Impaired Nutrient Sensing via the Glycogen Synthase Kinase-3 Pathway With Therapeutic Compounds to Prevent or Treat Dementia: A Systematic Review. <i>Frontiers in Aging</i> , 0, 3, .	1.2	0
1297	Use of Hydrogels to Regulate Orthodontic Tooth Movement in Animal Models: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6683.	1.3	2
1298	The therapeutic effects and mechanisms of action of resveratrol on polycystic ovary syndrome: A comprehensive systematic review of clinical, animal and in vitro studies. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 935-949.	0.9	8
1299	A systematic review and meta-analysis of the effect of thymol as an anti-inflammatory and wound healing agent. <i>Phytotherapy Research</i> , 2022, 36, 3415-3443.	2.8	8
1300	Unraveling metabolism during kidney perfusion using tracer studies, a systematic review. <i>Artificial Organs</i> , 0, , .	1.0	0
1301	Pre-clinical Studies Identifying Molecular Pathways of Neuroinflammation in Parkinson's Disease: A Systematic Review. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	10
1302	Preclinical studies of the antitumor effect of curcumin-loaded polymeric nanocapsules: A systematic review and meta-analysis. <i>Phytotherapy Research</i> , 2022, 36, 3202-3214.	2.8	6
1303	Potential of Mesenchymal Stem Cell Sheets on Periodontal Regeneration: A Systematic Review of Pre-Clinical Studies. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 958-978.	0.6	6
1304	Pharmacotechnological Advances for Clinical Translation of Essential Oils for the Treatment of Pain and Agitation in Severe Dementia. <i>Processes</i> , 2022, 10, 1340.	1.3	3
1305	Comparison of freshly cultured versus cryopreserved mesenchymal stem cells in animal models of inflammation: A pre-clinical systematic review. <i>ELife</i> , 0, 11, .	2.8	7

#	ARTICLE	IF	CITATIONS
1306	Prenatal interventions for fetal growth restriction in animal models: A systematic review. <i>Placenta</i> , 2022, 126, 90-113.	0.7	9
1307	The 40-Hz auditory steady-state response in bipolar disorder: A meta-analysis. <i>Clinical Neurophysiology</i> , 2022, 141, 53-61.	0.7	10
1308	Deep brain stimulation for opioid use disorder: A systematic review of preclinical and clinical evidence. <i>Brain Research Bulletin</i> , 2022, 187, 39-48.	1.4	9
1309	Effects of a maternal high-fat diet on adipose tissue in murine offspring: A systematic review and meta-analysis. <i>Biochimie</i> , 2022, 201, 18-32.	1.3	6
1310	Therapeutic efficacy of extracellular vesicles to suppress allograft rejection in preclinical kidney transplantation models: A systematic review and meta-analysis. <i>Transplantation Reviews</i> , 2022, 36, 100714.	1.2	1
1311	EXERCISE IMPROVES ALVEOLAR BONE LOSS AND THE INFLAMMATORY PROFILE OF PERIODONTAL DISEASE. <i>Revista Brasileira De Medicina Do Esporte</i> , 0, 29, .	0.1	0
1312	Involvement of nerve growth factor (NGF) in chronic neuropathic pain— a systematic review. <i>Reviews in the Neurosciences</i> , 2023, 34, 75-84.	1.4	5
1313	Mesenchymal Stromal Cell Secretome for Therapeutic Application in Skin Wound Healing: A Systematic Review of Preclinical Studies. <i>Cells Tissues Organs</i> , 2023, 212, 567-582.	1.3	2
1314	Plants of the Phytolaccaceae family with antimicrobial activity: A systematic review. <i>Phytotherapy Research</i> , 2022, 36, 3505-3528.	2.8	2
1315	Benefits of Applying Nanotechnologies to Hydrogels in Efficacy Tests in Osteoarthritis Models—A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8236.	1.8	0
1316	A Systematic Review and Meta-Analysis on the Therapeutic Efficacy of Heparin and Low Molecular Weight Heparins in Animal Studies of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 0, , .	1.7	1
1317	FADS1 and FADS2 as biomarkers of Zn status — a systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 3187-3205.	5.4	7
1318	Abdominal massage: A review of clinical and experimental studies from 1990 to 2021. <i>Complementary Therapies in Medicine</i> , 2022, 70, 102861.	1.3	7
1319	Behavioral manifestations in rodent models of autism spectrum disorder: protocol for a systematic review and network meta-analysis. <i>Systematic Reviews</i> , 2022, 11, .	2.5	0
1320	Preclinical and Clinical Amelioration of Bone Fractures with Mesenchymal Stromal Cells: a Systematic Review and Meta-Analysis. <i>Cell Transplantation</i> , 2022, 31, 096368972110517.	1.2	3
1321	MECHANISM OF ACTION, EFFICACY, AND SAFETY OF PROPOLIS FOR THE MANAGEMENT OF ORAL MUCOSITIS: A SYSTEMATIC REVIEW. <i>International Journal of Applied Pharmaceutics</i> , 0, , 66-71.	0.3	0
1322	Mesenchymal stem cell therapy in perinatal arterial ischemic stroke: systematic review of preclinical studies. <i>Pediatric Research</i> , 2024, 95, 18-33.	1.1	10
1323	Evaluating Translational Methods for Personalized Medicine—A Scoping Review. <i>Journal of Personalized Medicine</i> , 2022, 12, 1177.	1.1	4

#	ARTICLE	IF	CITATIONS
1324	Experimental animal models and their use in understanding cysticercosis: A systematic review. PLoS ONE, 2022, 17, e0271232.	1.1	5
1325	Assessing the consistency of iPSC and animal models in cystic fibrosis modelling: A meta-analysis. PLoS ONE, 2022, 17, e0272091.	1.1	1
1326	Could Light-Based Technologies Improve Stem Cell Therapy for Skin Wounds? A Systematic Review and Meta-Analysis of Preclinical Studies. Photochemistry and Photobiology, 0, , .	1.3	1
1327	Age-related differences in the effect of chronic alcohol on cognition and the brain: a systematic review. Translational Psychiatry, 2022, 12, .	2.4	3
1328	Vitamin E administration as preventive measures for peritoneal/intra-abdominal adhesions: A systematic review and meta-analysis. Annals of Medicine and Surgery, 2022, 80, .	0.5	4
1329	The construction of preclinical evidence for the treatment of liver fibrosis with quercetin: A systematic review and meta-analysis. Phytotherapy Research, 2022, 36, 3774-3791.	2.8	7
1330	Spinal Cord Stimulation Paradigms and Pain Relief: A Preclinical Systematic Review on Modulation of the Central Inflammatory Response in Neuropathic Pain. Neuromodulation, 2023, 26, 25-34.	0.4	3
1331	Mechanisms of action of anti-inflammatory proteins and peptides with anti-TNF-alpha activity and their effects on the intestinal barrier: A systematic review. PLoS ONE, 2022, 17, e0270749.	1.1	5
1332	Effects of osthole on osteoporotic rats: a systematic review and meta-analysis. Pharmaceutical Biology, 2022, 60, 1625-1634.	1.3	2
1333	Potential Molecular Targets of Oleanolic Acid in Insulin Resistance and Underlying Oxidative Stress: A Systematic Review. Antioxidants, 2022, 11, 1517.	2.2	8
1334	Effects of Progesterone on Preclinical Animal Models of Traumatic Brain Injury: Systematic Review and Meta-analysis. Molecular Neurobiology, 0, , .	1.9	2
1335	Myonuclear permanence in skeletal muscle memory: a systematic review and meta-analysis of human and animal studies. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 2276-2297.	2.9	12
1336	The Therapeutic Relevance of Urolithins, Intestinal Metabolites of Ellagitannin-Rich Food: A Systematic Review of In Vivo Studies. Nutrients, 2022, 14, 3494.	1.7	9
1337	Effects of zinc supplementation on glycemic control and oxidative stress in experimental diabetes: A systematic review. Clinical Nutrition ESPEN, 2022, 51, 28-36.	0.5	10
1338	Effectiveness of melatonin adjuvant treatment in cisplatin to prevent depletion of ovarian follicles in mice: systematic review. Biology of Reproduction, 2022, 107, 1386-1394.	1.2	2
1339	Skeletal muscle deconditioning during partial weight-bearing in rodents – A systematic review and meta-analysis. Life Sciences in Space Research, 2022, 34, 68-86.	1.2	1
1340	The Role of Glia Underlying Acupuncture Analgesia in Animal Pain Models: A Systematic Review and Meta-Analysis. Pain Medicine, 2023, 24, 11-24.	0.9	2
1342	The Efficacy of Chinese Herbal Medicine in Animal Models of Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	2

#	ARTICLE	IF	CITATIONS
1343	Transgenic Mice for the Translational Study of Neuropathic Pain and Dystonia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8580.	1.8	1
1344	Effects of Piper sarmentosum Roxb. on hypertension and diabetes mellitus: A systematic review and meta-analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1345	The therapeutic efficacy of resveratrol for acute lung injury—A meta-analysis of preclinical trials. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1346	Animal Models of Rotator Cuff Injury and Repair: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 1258-1273.	2.5	8
1347	Mechanical Unloading of the Left Ventricle before Coronary Reperfusion in Preclinical Models of Myocardial Infarction without Cardiogenic Shock: A Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 4913.	1.0	1
1348	The role of hypoxia-associated miRNAs in acquired sensorineural hearing loss. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	6
1349	Analgesic Characteristics of NanoBEO Released by an Airless Dispenser for the Control of Agitation in Severe Dementia. <i>Molecules</i> , 2022, 27, 4987.	1.7	3
1350	Experimental treatments to attenuate blood spinal cord barrier rupture in rats with traumatic spinal cord injury: A meta-analysis and systematic review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1351	Efficacy of acupuncture in animal models of vascular dementia: A systematic review and network meta-analysis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
1352	The Role of Statins (HMG-CoA Reductase Inhibitors) on Insulin Secretion from the Islets of Langerhans: A Systematic Review. <i>Jentashapir Journal of Cellular and Molecular Biology</i> , 2022, 13, .	0.1	0
1353	Local and systemic effects produced in different models of experimental periodontitis in mice: A systematic review. <i>Archives of Oral Biology</i> , 2022, 143, 105528.	0.8	5
1354	Serotonergic mechanisms associated with experimental models of hypoxia: a systematic review. <i>International Journal of Developmental Neuroscience</i> , 0, , .	0.7	2
1355	Efficacy of terpenoids in attenuating pulmonary edema in acute lung injury: A meta-analysis of animal studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
1356	Effects of garlic and its major bioactive components on non-alcoholic fatty liver disease: A systematic review and meta-analysis of animal studies. <i>Journal of Functional Foods</i> , 2022, 96, 105206.	1.6	2
1357	The action of curcumin against damage resulting from cerebral stroke: A systematic review. <i>Pharmacological Research</i> , 2022, 183, 106369.	3.1	3
1358	Lithium and Stroke Recovery: A Systematic Review and Meta-Analysis of Stroke Models in Rodents and Human Data. <i>Stroke</i> , 2022, 53, 2935-2944.	1.0	6
1359	The impact of SGLT2 inhibitors on inflammation: A systematic review and meta-analysis of studies in rodents. <i>International Immunopharmacology</i> , 2022, 111, 109080.	1.7	28
1360	Effects of okra (<i>Abelmoschus esculentus</i> (L.) Moench) on glycemic markers in animal models of diabetes: A systematic review. <i>Journal of Ethnopharmacology</i> , 2022, 298, 115544.	2.0	5

#	ARTICLE	IF	CITATIONS
1361	Duck hepatitis A virus prevalence in mainland China between 2009 and 2021: A systematic review and meta-analysis. <i>Preventive Veterinary Medicine</i> , 2022, 208, 105730.	0.7	4
1362	Modulation of hypothalamic AMPK and hypothalamic neuropeptides in the control of eating behavior: A systematic review. <i>Life Sciences</i> , 2022, 309, 120947.	2.0	2
1363	Evaluation of the protective roles of alpha-lipoic acid supplementation on nanomaterial-induced toxicity: A meta-analysis of in vitro and in vivo studies. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4
1364	Pharmacological effects of berberine on models of ulcerative colitis: A meta-analysis and systematic review of animal studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1365	Efficacy of non-surgical interventions for promoting improved functional outcomes following acute compartment syndrome: A systematic review. <i>PLoS ONE</i> , 2022, 17, e0274132.	1.1	3
1366	Potential roles of genistein in polycystic ovary syndrome: A comprehensive systematic review. <i>European Journal of Pharmacology</i> , 2022, 933, 175275.	1.7	3
1367	Enduring effects of early-life adversity on reward processes: A systematic review and meta-analysis of animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 142, 104849.	2.9	11
1368	Perspectives of ozone induced neuropathology and memory decline in Alzheimer's disease: A systematic review of preclinical evidences. <i>Environmental Pollution</i> , 2022, 313, 120136.	3.7	9
1369	Assessment of functional roles and therapeutic potential of integrin receptors in osteoarthritis: A systematic review and meta-analysis of preclinical studies. <i>Ageing Research Reviews</i> , 2022, 81, 101729.	5.0	1
1370	A comprehensive and systematic review on potential anticancer activities of eugenol: From pre-clinical evidence to molecular mechanisms of action. <i>Phytomedicine</i> , 2022, 107, 154456.	2.3	19
1371	Extracellular vesicle therapy for non-ischemic heart failure: A systematic review of preclinical studies. , 2022, 1, 100009.		5
1372	Exposure to polystyrene nanoplastics induces an anxiolytic-like effect, changes in antipredator defensive response, and DNA damage in Swiss mice. <i>Journal of Hazardous Materials</i> , 2023, 442, 130004.	6.5	21
1373	Effect of local administration of bisphosphonate on orthodontic anchorage – A systematic review of animal studies. <i>Journal of Orthodontic Science</i> , 2022, 11, 31.	0.2	0
1374	Systemic anti-inflammatory effects of mesenchymal stem cells in burn: A systematic review of animal studies. <i>Journal of Clinical and Translational Research</i> , 0, , .	0.3	2
1375	Efficacy and safety of small extracellular vesicle interventions in wound healing and skin regeneration: A systematic review and meta-analysis of animal studies. <i>Theranostics</i> , 2022, 12, 6455-6508.	4.6	16
1376	Setting Inclusion and Exclusion Criteria. , 2022, , 201-233.		0
1377	Effect of Mobile Phone Radiation on Neurobehaviour: Possible Mechanisms from Preclinical Studies. <i>Toxicology International</i> , 0, , 195-213.	0.1	0
1378	Meta-analysis reveals inhibition of the inflammatory cytokine IL-6 affords limited protection post-myocardial ischemia/infarction. <i>Heliyon</i> , 2022, 8, e10435.	1.4	0

#	ARTICLE	IF	CITATIONS
1379	The bone lid technique in lateral sinus lift: a systematic review and meta-analysis. <i>International Journal of Implant Dentistry</i> , 2022, 8, .	1.1	5
1380	The effect of metformin on ameliorating neurological function deficits and tissue damage in rats following spinal cord injury: A systematic review and network meta-analysis. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
1381	Vanadium and biomarkers of inflammation and oxidative stress in diabetes: A systematic review of animal studies. <i>Health Promotion Perspectives</i> , 2022, 12, 122-130.	0.8	5
1382	Efficacy and safety of curcumin in psoriasis: preclinical and clinical evidence and possible mechanisms. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
1384	Neuroprotective Treatments for Digestive Forms of Chagas Disease in Experimental Models: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	0
1385	Effects of chronic fluoxetine treatment on anxiety- and depressive-like behaviors in adolescent rodents – systematic review and meta-analysis. <i>Pharmacological Reports</i> , 2022, 74, 920-946.	1.5	9
1386	The effects of splenectomy in murine models of ischemic stroke: a systematic review and meta-analysis. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	1
1387	Effectiveness of biomolecule-based bioactive surfaces, on os-seointegration of titanium dental implants: A systematic review and meta-analysis of in vivo studies. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	6
1388	T-cell receptor variable region usage in Chagas disease: A systematic review of experimental and human studies. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010546.	1.3	0
1389	A systematic review of the biological mediators of fat taste and smell. <i>Physiological Reviews</i> , 2023, 103, 855-918.	13.1	11
1390	How Does Orthodontic Mini-Implant Thread Minidesign Influence the Stability? – Systematic Review with Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 5304.	1.0	5
1391	PICO entity extraction for preclinical animal literature. <i>Systematic Reviews</i> , 2022, 11, .	2.5	6
1392	Effects and neuroprotective mechanisms of vagus nerve stimulation on cognitive impairment with traumatic brain injury in animal studies: A systematic review and meta-analysis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
1393	The effectiveness of high-intensity interval training on body composition of rodent models of obesity: A systematic review and meta-analysis. <i>Physiology International</i> , 2022, , .	0.8	0
1394	May alcoholic and non-alcoholic drinks affect the rate of orthodontic tooth movement? A systematic review of animal studies. <i>European Journal of Orthodontics</i> , 0, , .	1.1	0
1395	Effects of nano-titanium dioxide on calcium homeostasis <i>in vivo</i> and <i>in vitro</i> : a systematic review and meta-analysis. <i>Toxicology Mechanisms and Methods</i> , 2023, 33, 249-259.	1.3	4
1396	Effectiveness and mechanism of metformin in animal models of pulmonary fibrosis: A preclinical systematic review and meta-analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
1397	Association of low-grade inflammation caused by gut microbiota disturbances with osteoarthritis: A systematic review. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	4

#	ARTICLE	IF	CITATIONS
1398	Subacute traumatic spinal cord injury: a systematic review and network meta-analysis of therapeutic strategies based on bone marrow mesenchymal stromal cells in animal models. <i>Cytotherapy</i> , 2022, , .	0.3	2
1399	Effect and Mechanism of Exogenous Melatonin on Cognitive Deficits in Animal Models of Alzheimer's Disease: A Systematic Review and Meta-analysis. <i>Neuroscience</i> , 2022, 505, 91-110.	1.1	2
1400	Effects of glyphosate on zebrafish: a systematic review and meta-analysis. <i>Ecotoxicology</i> , 2022, 31, 1189-1204.	1.1	11
1401	The optimal transplantation strategy of umbilical cord mesenchymal stem cells in spinal cord injury: a systematic review and network meta-analysis based on animal studies. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	4
1402	Neuroprotective Properties of Ferulic Acid in Preclinical Models of Alzheimer's Disease: A Systematic Literature Review. <i>Current Medicinal Chemistry</i> , 2023, 30, 2796-2811.	1.2	1
1403	Therapeutic effects and long-term outcomes of HMGB1-targeted therapy in rats and mice with traumatic spinal cord injury: A systematic review and meta-analysis. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
1404	Antinociceptive effect of plant-based natural products in chemotherapy-induced peripheral neuropathies: A systematic review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
1405	Edible Insect Consumption for Human and Planetary Health: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11653.	1.2	14
1406	The EQUIPD framework for rigor in the design, conduct, analysis and documentation of animal experiments. <i>Nature Methods</i> , 2022, 19, 1334-1337.	9.0	22
1407	Inhibitors of soluble epoxide hydrolase on acute lung injury: a meta-analysis of preclinical studies. <i>Inflammopharmacology</i> , 2022, 30, 2027-2033.	1.9	1
1408	Optimal therapeutic conditions for the neural stem cell-based management of ischemic stroke: a systematic review and network meta-analysis based on animal studies. <i>BMC Neurology</i> , 2022, 22, .	0.8	5
1409	Porcine Model of Spinal Cord Injury: A Systematic Review. <i>Neurotrauma Reports</i> , 2022, 3, 352-368.	0.5	7
1410	The synergistic compatibility mechanisms of fuzi against chronic heart failure in animals: A systematic review and meta-analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
1411	A Systematic Review of the Potential Effects of Propolis Extracts on Experimentally-induced Diabetes. <i>Planta Medica</i> , 2023, 89, 236-244.	0.7	2
1412	Preclinical systematic review & meta-analysis of cyclosporine for the treatment of myocardial ischemia-reperfusion injury. <i>Annals of Translational Medicine</i> , 2022, 10, 954-954.	0.7	1
1413	Soy consumption and serum uric acid levels: A systematic review and meta-analysis. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
1414	A Systematic Review of Bone Marrow Stromal Cells and Periosteum-Derived Cells for Bone Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2023, 29, 103-122.	2.5	8
1415	The effects of astaxanthin supplementation on expression of microRNAs involved in cardiovascular diseases: a systematic review of current evidence. <i>International Journal of Food Sciences and Nutrition</i> , 0, , 1-11.	1.3	1

#	ARTICLE	IF	CITATIONS
1416	The effect of acupuncture on oxidative stress: A systematic review and meta-analysis of animal models. PLoS ONE, 2022, 17, e0271098.	1.1	2
1417	Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 1: adipose tissue-derived cell-based injectable therapies. Knee Surgery, Sports Traumatology, Arthroscopy, 2023, 31, 641-655.	2.3	9
1418	Mechanism-based targeting of cardiac arrhythmias by phytochemicals and medicinal herbs: A comprehensive review of preclinical and clinical evidence. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	4
1419	A systematic review and meta-analyses on the effects of atorvastatin on blood pressure and heart rate. European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 9, 100-115.	1.4	3
1420	Anti-inflammatory agents as modulators of the inflammation in adipose tissue: A systematic review. PLoS ONE, 2022, 17, e0273942.	1.1	9
1421	Open Questions in Cold Atmospheric Plasma Treatment in Head and Neck Cancer: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 10238.	1.8	10
1422	Efficacy of photobiomodulation therapy on healing of ionizing irradiated bone: a systematic review of in vivo animal studies. Lasers in Medical Science, 2022, 37, 3379-3392.	1.0	3
1423	Predictive validity in drug discovery: what it is, why it matters and how to improve it. Nature Reviews Drug Discovery, 2022, 21, 915-931.	21.5	28
1424	Protective effect and possible mechanisms of Salvia miltiorrhiza Bge. For the treatment of diabetic nephropathy: A systematic review and meta-analysis of animal studies. Journal of Traditional Chinese Medical Sciences, 2022, , .	0.1	0
1425	Fecal Microbiota Transplantation Role in the Treatment of Alzheimer's Disease: A Systematic Review. Cureus, 2022, , .	0.2	2
1426	Comparing the efficacy of different antibiotic regimens on osteomyelitis: A network meta-analysis of animal studies. Frontiers in Medicine, 0, 9, .	1.2	1
1428	Inhibition of Cerebral Ischemia/Reperfusion Injury by MSCs-Derived Small Extracellular Vesicles in Rodent Models: A Systematic Review and Meta-Analysis. Neural Plasticity, 2022, 2022, 1-15.	1.0	2
1429	Grimace scale, burrowing, and nest building for the assessment of post-surgical pain in mice and rats. A systematic review. Frontiers in Veterinary Science, 0, 9, .	0.9	7
1430	Efficacy of miRNA-modified mesenchymal stem cell extracellular vesicles in spinal cord injury: A systematic review of the literature and network meta-analysis. Frontiers in Neuroscience, 0, 16, .	1.4	4
1431	Protective effect of berberine in diabetic nephropathy: A systematic review and meta-analysis revealing the mechanism of action. Pharmacological Research, 2022, 185, 106481.	3.1	16
1432	Effects of high-fat diet-induced diabetes on autophagy in the murine liver: A systematic review and meta-analysis. Life Sciences, 2022, 309, 121012.	2.0	10
1433	Effects of Acupuncture on Cancer Pain in Animal Intervention Studies: A Systematic Review and Quality Assessment. Integrative Cancer Therapies, 2022, 21, 153473542211237.	0.8	0
1434	A Call for Drug Therapies for the Treatment of Social Behavior Disorders in Dementia: Systematic Review of Evidence and State of the Art. International Journal of Molecular Sciences, 2022, 23, 11550.	1.8	2

#	ARTICLE	IF	CITATIONS
1435	The role of cluster of differentiation 163-positive macrophages in wound healing: a preliminary study and a systematic review. <i>Archives of Dermatological Research</i> , 2023, 315, 359-370.	1.1	3
1436	Cannabidiol in clinical and preclinical anxiety research. A systematic review into concentration effect relations using the IB-de-risk tool. <i>Journal of Psychopharmacology</i> , 2022, 36, 1299-1314.	2.0	9
1437	Molecular Mechanisms of ZIKV-Induced Teratogenesis: A Systematic Review of Studies in Animal Models. <i>Molecular Neurobiology</i> , 2023, 60, 68-83.	1.9	4
1438	Ultrasmlal iron oxide nanoparticles and gadolinium-based contrast agents in magnetic resonance imaging: a systematic review and meta-analysis. <i>Clinical and Translational Imaging</i> , 0, , .	1.1	0
1439	Effect of chitosan/inorganic nanomaterial scaffolds on bone regeneration and related influencing factors in animal models: A systematic review. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
1440	A systematic review of the effect of photobiomodulation on the neuroinflammatory response in animal models of neurodegenerative diseases. <i>Reviews in the Neurosciences</i> , 2023, 34, 459-481.	1.4	5
1441	Experimental Treatments for Spinal Cord Injury: A Systematic Review and Meta-Analysis. <i>Cells</i> , 2022, 11, 3409.	1.8	6
1442	Effects of diets containing proteins from fish muscles or fish byproducts on the circulating cholesterol concentration in rodents: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 0, , 1-56.	1.2	1
1443	Preclinical evidence for quercetin against inflammatory bowel disease: a meta-analysis and systematic review. <i>Inflammopharmacology</i> , 2022, 30, 2035-2050.	1.9	10
1444	Antimicrobial Biomaterials for the Healing of Infected Bone Tissue: A Systematic Review of Microtomographic Data on Experimental Animal Models. <i>Journal of Functional Biomaterials</i> , 2022, 13, 193.	1.8	4
1445	Efficacy of Flavonoids on Animal Models of Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2022, 14, 4128.	1.7	2
1446	Relationship between the therapeutic potential of various plant-derived bioactive compounds and their related microRNAs in neurological disorders. <i>Phytomedicine</i> , 2022, , 154501.	2.3	2
1448	Regulatory Role of PFC Corticotropin-Releasing Factor System in Stress-Associated Depression Disorders: A Systematic Review. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1785-1797.	1.7	2
1449	Protocol for a systematic review of the validity of animal models of polydipsia with a basis in schizophrenia aetiology. <i>BMJ Open Science</i> , 2022, 6, e100276.	0.8	0
1450	Molecular Mechanisms of RSV and Air Pollution Interaction: A Scoping Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12704.	1.8	4
1451	Changes in Gut Microbiota Structure: A Potential Pathway for Silver Nanoparticles to Affect the Host Metabolism. <i>ACS Nano</i> , 2022, 16, 19002-19012.	7.3	7
1452	Effects of iNOS in Hepatic Warm Ischaemia and Reperfusion Models in Mice and Rats: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11916.	1.8	2
1453	Prevalence and concentration of <i>Campylobacter</i> in faeces of dairy cows: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0276018.	1.1	4

#	ARTICLE	IF	CITATIONS
1454	Effects of Vitamin D on Satellite Cells: A Systematic Review of In Vivo Studies. <i>Nutrients</i> , 2022, 14, 4558.	1.7	3
1455	Effects of selenium supplementation on glycaemic control markers in healthy rodents: A systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 0, , 1-26.	1.2	0
1456	Protective Effect of Nebulized Heparin in the Animal Models of Smoke Inhalation Injury: A Meta-analysis and Systematic Review of Experimental Studies. <i>Journal of Burn Care and Research</i> , 2023, 44, 42-52.	0.2	1
1457	A Systematic Review on Attenuation of PCSK9 in Relation to Atherogenesis Biomarkers Associated with Natural Products or Plant Bioactive Compounds in In Vitro Studies: A Critique on the Quality and Imprecision of Studies. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 12878.	1.2	2
1458	The effects of fisetin on bone and cartilage: A systematic review. <i>Pharmacological Research</i> , 2022, 185, 106504.	3.1	12
1459	Reporting quality in preclinical animal experimental research in 2009 and 2018: A nationwide systematic investigation. <i>PLoS ONE</i> , 2022, 17, e0275962.	1.1	6
1460	Bisphenol A exposure links to exacerbation of memory and cognitive impairment: A systematic review of the literature. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 143, 104939.	2.9	16
1461	The biological effect of orange (<i>Citrus sinensis</i> L.) by-products on metabolic biomarkers: A systematic review. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	2
1462	Mechanistic evidence underpinning dietary policy: bringing the jigsaw pieces together?. <i>Proceedings of the Nutrition Society</i> , 0, , 1-17.	0.4	3
1463	Neuropharmacological efficacy of metformin for stroke in rodents: A meta-analysis of preclinical trials. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
1464	RoBDEMAT: A risk of bias tool and guideline to support reporting of pre-clinical dental materials research and assessment of systematic reviews. <i>Journal of Dentistry</i> , 2022, 127, 104350.	1.7	23
1465	Does the regulation of skeletal muscle influence cognitive function? A scoping review of pre-clinical evidence. <i>Journal of Orthopaedic Translation</i> , 2023, 38, 76-83.	1.9	3
1466	Beneficial effects of ginsenosides on diabetic nephropathy: A systematic review and meta-analysis of preclinical evidence. <i>Journal of Ethnopharmacology</i> , 2023, 302, 115860.	2.0	5
1467	Use of platelet-rich fibrin for bone repair: a systematic review and meta-analysis of preclinical studies. <i>Brazilian Oral Research</i> , 0, 36, .	0.6	1
1468	Are neuromodulation interventions associated with changes in the gut microbiota? A systematic review. <i>Neuropharmacology</i> , 2023, 223, 109318.	2.0	5
1469	Training programs in preclinical studies. The example of pulmonary hypertension. Systematic review and meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0276875.	1.1	1
1470	Graduate Student Literature Review: A scoping review on the impact of consumption of dairy products on phosphatidylcholine and lysophosphatidylcholine in circulation and the liver in human studies and animal models. <i>Journal of Dairy Science</i> , 2023, 106, 24-38.	1.4	1
1471	What Went Wrong with VEGF-A in Peripheral Arterial Disease? A Systematic Review and Biological Insights on Future Therapeutics. <i>Journal of Vascular Research</i> , 2022, 59, 381-393.	0.6	6

#	ARTICLE	IF	CITATIONS
1472	Simvastatin Embedded into Poly(Lactic-Co-Glycolic Acid)-Based Scaffolds in Promoting Preclinical Bone Regeneration: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 11623.	1.3	2
1473	Citroflavonoids as Promising Agents for Drug Discovery in Diabetes and Hypertension: A Systematic Review of Experimental Studies. <i>Molecules</i> , 2022, 27, 7933.	1.7	5
1474	Efficacy of phage therapy in preclinical models of bacterial infection: a systematic review and meta-analysis. <i>Lancet Microbe</i> , The, 2022, 3, e956-e968.	3.4	8
1475	Viral infections in orthopedics: A systematic review and classification proposal. <i>World Journal of Orthopedics</i> , 0, 13, 1015-1028.	0.8	2
1476	Chitosan Nanogel with Mixed Food Plants and Its Relation to Blood Glucose in Type 2 Diabetes: A Systematic and Meta-Analysis Review of Observational Studies. <i>Nutrients</i> , 2022, 14, 4710.	1.7	1
1477	Vaccinating Meat Chickens against <i>Campylobacter</i> and <i>Salmonella</i> : A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 1936.	2.1	2
1478	Application of amniotic membranes in reconstructive surgery of internal organs—A systematic review and meta-analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 1069-1090.	1.3	6
1479	Lipopolysaccharide-Induced Bone Loss in Rodent Models: A Systematic Review and Meta-Analysis. <i>Journal of Bone and Mineral Research</i> , 2020, 38, 198-213.	3.1	3
1480	Antitumor effect of melatonin on breast cancer in experimental models: A systematic review. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2023, 1878, 188838.	3.3	9
1481	Outcomes of furcal perforation management using Mineral Trioxide Aggregate and Biodentine: a systematic review. <i>Journal of Applied Oral Science</i> , 0, 30, .	0.7	5
1482	Efficacy of Application of Periodontal Ligament Stem Cells in Bone Regeneration: A Systematic Review of Animal Studies. <i>Dental Hypotheses</i> , 2022, 13, 111.	0.1	1
1483	Efficacy and Safety of <i>Morinda citrifolia</i> L. (Noni) as a Potential Anticancer Agent. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542211328.	0.8	4
1484	Association between acrolein exposure and respiratory hazards: A systematic review and meta-analysis. <i>Atmospheric Pollution Research</i> , 2023, 14, 101633.	1.8	2
1485	Profiling neuroprotective potential of trehalose in animal models of neurodegenerative diseases: a systematic review. <i>Neural Regeneration Research</i> , 2023, 18, 1179.	1.6	6
1486	The relationship between sleep and appetitive conditioning: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 144, 105001.	2.9	0
1487	The Effect of Photobiomodulation Therapy on the Stability of Orthodontic Mini-implants in Human and Animal Studies: A Systematic Review and Meta-analysis. <i>Journal of Lasers in Medical Sciences</i> , 2022, 13, e27-e27.	0.4	3
1488	Progesterone as a neuroprotective agent in neonatal hypoxic-ischaemic encephalopathy - a systematic review. <i>Developmental Neuroscience</i> , 0, , .	1.0	0
1489	Possible association between the <i>lrrk2</i> gene and anxiety behavior: a systematic literature review. <i>Journal of Neurogenetics</i> , 2022, 36, 98-107.	0.6	2

#	ARTICLE	IF	CITATIONS
1490	Is Deep Brain Stimulation an Effective Treatment for Psychostimulant Dependency? A Preclinical and Clinical Systematic Review. <i>Neurochemical Research</i> , 0, , .	1.6	2
1492	Microbial treatment of alcoholic liver disease: A systematic review and meta-analysis. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	6
1494	A methodological review with meta-epidemiological analysis of preclinical systematic reviews with meta-analyses. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
1495	The strategy and clinical relevance of in vitro models of MAP resistance in osteosarcoma: a systematic review. <i>Oncogene</i> , 2023, 42, 259-277.	2.6	5
1496	Neuroprotective effect of Src kinase in hypoxia-ischemia: A systematic review. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
1497	How Well Do Rodent Models of Parkinsonâ€™s Disease Recapitulate Early Non-Motor Phenotypes? A Systematic Review. <i>Biomedicines</i> , 2022, 10, 3026.	1.4	6
1498	Growth Hormone Cartilage Regenerative Potential for Knee Osteoarthritis: a Systematic Review of Preclinical Animal Studies. <i>Regenerative Engineering and Translational Medicine</i> , 0, , .	1.6	0
1499	A Systematic Review of the Evidence of Hematopoietic Stem Cell Differentiation to Fibroblasts. <i>Biomedicines</i> , 2022, 10, 3063.	1.4	0
1500	Effects of cannabinoids in Parkinsonâ€™s disease animal models: a systematic review and meta-analysis. <i>BMJ Open Science</i> , 2022, 6, .	0.8	1
1501	Effect of vitamin K on wound healing: A systematic review and meta-analysis based on preclinical studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
1502	Superoxide Dismutase Inhibitors against Malaria, Leishmaniasis, and Chagas Disease: Systematic Review. <i>Current Drug Targets</i> , 2023, 24, 201-210.	1.0	2
1503	Vibrational Force on Accelerating Orthodontic Tooth Movement: A Systematic Review and Meta-Analysis. <i>European Journal of Dentistry</i> , 2023, 17, 951-963.	0.8	1
1504	Antioxidative hypoglycemic herbal medicines with in vivo and in vitro activity against C-reactive protein; a systematic review. <i>Phytomedicine</i> , 2023, 109, 154615.	2.3	1
1505	Efficacy of polyarginine peptides in the treatment of stroke: A systematic review and meta-analysis. <i>Brain and Behavior</i> , 2023, 13, .	1.0	3
1506	Anti-inflammatory and antioxidant activity of astragalus polysaccharide in ulcerative colitis: A systematic review and meta-analysis of animal studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	10
1507	Mangosteen for malignancy prevention and intervention: Current evidence, molecular mechanisms, and future perspectives. <i>Pharmacological Research</i> , 2023, 188, 106630.	3.1	7
1508	Abnormalities of hippocampus and frontal lobes in heart failure patients and animal models with cognitive impairment or depression: A systematic review. <i>PLoS ONE</i> , 2022, 17, e0278398.	1.1	2
1510	Intraluminal oxygen mitigates acute mesenteric ischaemia: a systematic review of methods and outcomes in animal studies. <i>ANZ Journal of Surgery</i> , 2023, 93, 859-868.	0.3	1

#	ARTICLE	IF	CITATIONS
1511	Does particle radiation have superior radiobiological advantages for prostate cancer cells? A systematic review of in vitro studies. <i>European Journal of Medical Research</i> , 2022, 27, .	0.9	1
1512	Black phosphorous-based biomaterials for bone defect regeneration: a systematic review and meta-analysis. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	1
1513	Protective effect of sex steroid hormones on morphological and cellular outcomes after neonatal hypoxia-ischemia: A meta-analysis of preclinical studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 145, 105018.	2.9	3
1514	Efficacy of Whole Cancer Stem Cell-Based Vaccines: A Systematic Review of Preclinical and Clinical Studies. <i>Stem Cells</i> , 2023, 41, 207-232.	1.4	6
1515	Effect of Anti-Diabetic Medications on Dental Implants: A Scoping Review of Animal Studies and Their Relevance to Humans. <i>Pharmaceuticals</i> , 2022, 15, 1518.	1.7	0
1516	Disease-Modifying Activity of Huperzine A on Alzheimer's Disease: Evidence from Preclinical Studies on Rodent Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15238.	1.8	5
1517	Probiotic Bifidobacteria in Managing Periodontal Disease: A Systematic Review. <i>International Dental Journal</i> , 2023, 73, 11-20.	1.0	5
1518	The Effect of Diet on the Cardiac Circadian Clock in Mice: A Systematic Review. <i>Metabolites</i> , 2022, 12, 1273.	1.3	1
1519	Preclinical Use of FGF-18 Augmentation for Improving Cartilage Healing Following Surgical Repair: A Systematic Review. <i>Cartilage</i> , 2023, 14, 59-66.	1.4	1
1521	Modeling methods for busulfan-induced oligospermia and asthenozoospermia in mice: a systematic review and meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2023, 40, 19-32.	1.2	3
1522	Impact of Diet on Gut Microbiota Composition and Microbiota-Associated Functions in Heart Failure: A Systematic Review of In Vivo Animal Studies. <i>Metabolites</i> , 2022, 12, 1271.	1.3	3
1523	Anti-Inflammatory, Antioxidant, and Other Health Effects of Dragon Fruit and Potential Delivery Systems for Its Bioactive Compounds. <i>Pharmaceutics</i> , 2023, 15, 159.	2.0	11
1524	Effects of Multimodal Therapy, Blinding, and Multi-laboratory Protocol Conduct on the Robustness of the Rat Model of Adjuvant Induced Arthritis. <i>In Vivo</i> , 2023, 37, 115-123.	0.6	0
1525	The Impact of Vegan Diets on Indicators of Health in Dogs and Cats: A Systematic Review. <i>Veterinary Sciences</i> , 2023, 10, 52.	0.6	2
1526	Pain Intensity and Trajectory Following Intra-Articular Injection of Mono-Iodoacetate in Experimental Osteoarthritis: A Meta-Analysis of <i>In Vivo</i> Studies. <i>Cartilage</i> , 2023, 14, 86-93.	1.4	0
1527	The effect of alpha-lipoic acid on sperm functions in rodent models for male infertility: A systematic review. <i>Life Sciences</i> , 2023, 323, 121383.	2.0	2
1528	Efficacy of Alveolar Type II Epithelial Cell Transplantation for Pulmonary Fibrosis: A Meta-Analysis. <i>Iranian Journal of Public Health</i> , 0, , .	0.3	0
1529	Lipid Changes in the Peri-Implantation Period with Mass Spectrometry Imaging: A Systematic Review. <i>Life</i> , 2023, 13, 169.	1.1	2

#	ARTICLE	IF	CITATIONS
1530	Offspring physiology following the use of IVM, IVF and ICSI: a systematic review and meta-analysis of animal studies. <i>Human Reproduction Update</i> , 2023, 29, 272-290.	5.2	12
1531	Methodological and reporting quality evaluation of Buyang Huanwu decoction for experimental cerebral ischemiaâ€“reperfusion injury: a systematic review. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 0, , .	1.4	0
1532	Qili Qiangxin capsules for chronic heart failure: A GRADE-assessed clinical evidence and preclinical mechanism. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
1533	Screening for <i>in vitro</i> systematic reviews: a comparison of screening methods and training of a machine learning classifier. <i>Clinical Science</i> , 2023, 137, 181-193.	1.8	4
1534	Effects of probiotics supplementation on skin photoaging and skin barrier function: A systematic review and metaâ€“analysis. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2023, 39, 122-131.	0.7	5
1535	Acute liver failure: A systematic review and network meta-analysis of optimal type of stem cells in animal models. <i>World Journal of Stem Cells</i> , 0, 15, 1-14.	1.3	1
1536	Neural stem/progenitor cell therapy for Alzheimer disease in preclinical rodent models: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	9
1537	Cystic Fibrosis-Related Gut Dysbiosis: A Systematic Review. <i>Digestive Diseases and Sciences</i> , 2023, 68, 1797-1814.	1.1	13
1538	Are heat-killed probiotics more effective than live ones on colon length shortness, disease activity index, and the histological score of an inflammatory bowel disease-induced murine model? A meta-analysis. <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	2
1539	Activity of the genus <i>Zanthoxylum</i> against diseases caused by protozoa: A systematic review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
1540	The Impact of Laser Thermal Effect on Histological Evaluation of Oral Soft Tissue Biopsy: Systematic Review. <i>Dentistry Journal</i> , 2023, 11, 28.	0.9	3
1541	Recommendations for robust and reproducible preclinical research in personalised medicine. <i>BMC Medicine</i> , 2023, 21, .	2.3	7
1542	Effect of exercise on cognitive function and synaptic plasticity in Alzheimer's disease models: A systematic review and meta-analysis. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
1543	Potential effects of teriparatide (PTH (1â€“34)) on osteoarthritis: a systematic review. <i>Arthritis Research and Therapy</i> , 2023, 25, .	1.6	2
1544	Hazard characterization of bisphenol A (BPA) based on rodent models â€“ Multilevel meta-analysis and dose-response analysis for reproductive toxicity. <i>Food and Chemical Toxicology</i> , 2023, 172, 113574.	1.8	2
1545	Effect of melatonin on oxidative stress indicators in animal models of fibrosis: A systematic review and meta-analysis. <i>Free Radical Biology and Medicine</i> , 2023, 195, 158-177.	1.3	5
1546	Hypertension the â€“Missed Modifiable Risk Factorâ€“™ for Diabetic Neuropathy: a Systematic Review. <i>Current Problems in Cardiology</i> , 2023, 48, 101581.	1.1	2
1547	A guide to appropriately planning and conducting meta-analysesâ€“Part 1: indications, assumptions and understanding risk of bias. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 725-732.	2.3	0

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1548	The effects of losartan or angiotensin II receptor antagonists on cartilage: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2023, 31, 435-446.	0.6	1
1549	Is sclerostin antibody an effective agent for alveolar bone regeneration in animal models? A scoping review. <i>Cumhuriyet Dental Journal</i> , 0, , .	0.1	0
1550	Preexisting neural factors that contribute to dysmotility in esophageal atresia: a systematic review. <i>Pediatric Surgery International</i> , 2023, 39, .	0.6	1
1551	Effects of vitamin D supplementation in endometriosis: a systematic review. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, .	1.4	13
1552	The effect of dietary zinc and zinc physiological status on the composition of the gut microbiome<i>in vivo</i>. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-20.	5.4	7
1553	The Role of Physical Exercise and Rehabilitative Implications in the Process of Nerve Repair in Peripheral Neuropathies: A Systematic Review. <i>Diagnostics</i> , 2023, 13, 364.	1.3	5
1555	Protective effects of melatonin against physical injuries to testicular tissue: A systematic review and meta-analysis of animal models. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	4
1556	The Efficacy of Panax ginseng for the Treatment of Nonalcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Nutrients</i> , 2023, 15, 721.	1.7	4
1557	Temporal Pattern of micro-CT Angiography Vascular Parameters and VEGF mRNA Expression in Fracture Healing: a Radiograph and Molecular Comparison. <i>European Journal of Dentistry</i> , 2023, 17, 283-295.	0.8	1
1559	Anti-diabetic properties of mango in animal models and humans: a systematic review. <i>Nutrition Research</i> , 2023, , .	1.3	3
1560	Characterization and Analysis of Chitosan-Gelatin Composite-Based Biomaterial Effectivity as Local Hemostatic Agent: A Systematic Review. <i>Polymers</i> , 2023, 15, 575.	2.0	10
1561	Statins in preâ€œclampsia or fetal growth restriction: A systematic review and metaâ€œanalysis on maternal blood pressure and fetal growth across species. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2023, 130, 577-585.	1.1	3
1562	Assessment of single-probe dual-energy lithotripters in percutaneous nephrolithotomy: a systematic review and metaâ€œanalysis of preclinical and clinical studies. <i>World Journal of Urology</i> , 2023, 41, 551-565.	1.2	6
1563	Chemical Constituents, Anticancer and Anti-Proliferative Potential of Limonium Species: A Systematic Review. <i>Pharmaceuticals</i> , 2023, 16, 293.	1.7	3
1564	Progesterone and contraceptive progestin actions on the brain: A systematic review of animal studies and comparison to human neuroimaging studies. <i>Frontiers in Neuroendocrinology</i> , 2023, 69, 101060.	2.5	8
1565	Molecular Mechanism Operating in Animal Models of Neurogenic Detrusor Overactivity: A Systematic Review Focusing on Bladder Dysfunction of Neurogenic Origin. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3273.	1.8	0
1566	Effect of nanoparticles on gouty arthritis: a systematic review and meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2023, 24, .	0.8	0
1567	Bone Marrow Stem Cells with Tissue-Engineered Scaffolds for Large Bone Segmental Defects: A Systematic Review. <i>Tissue Engineering - Part B: Reviews</i> , 2023, 29, 457-472.	2.5	2

#	ARTICLE	IF	CITATIONS
1568	Therapeutic advances for treating memory impairments in perinatal brain injuries with implications for cerebral palsy: a systematic review and meta-analysis of preclinical studies. <i>Experimental Neurology</i> , 2023, 365, 114411.	2.0	2
1569	Serpin family proteins as potential biomarkers and therapeutic drugs in stroke: A systematic review and meta-analysis on clinical/preclinical studies. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 1738-1749.	1.9	3
1570	Therapeutic potential of stem cell extracellular vesicles for ischemic stroke in preclinical rodent models: a meta-analysis. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	2
1571	Effects of luteolin on sepsis: A comprehensive systematic review. <i>Phytomedicine</i> , 2023, 113, 154734.	2.3	6
1572	Curcumin protects against cerebral ischemia-reperfusion injury in rats by attenuating oxidative stress and inflammation: A meta-analysis and mechanism exploration. <i>Nutrition Research</i> , 2023, 113, 14-28.	1.3	1
1573	The effectiveness of anti-inflammatory agents in reducing chemotherapy-induced cognitive impairment in preclinical models – A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 148, 105120.	2.9	2
1574	The application of 3D-bioprinted scaffolds for neuronal regeneration after traumatic spinal cord injury – A systematic review of preclinical in vivo studies. <i>Experimental Neurology</i> , 2023, 363, 114366.	2.0	7
1575	The action of phosphodiesterase-5 inhibitors on β -amyloid pathology and cognition in experimental Alzheimer's disease: A systematic review. <i>Life Sciences</i> , 2023, 320, 121570.	2.0	1
1576	Phytochemicals targeting lncRNAs: A novel direction for neuroprotection in neurological disorders. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114692.	2.5	3
1577	Heterogeneity in the reported values and methodologies for detecting plasma D-Dimer in rat models: A systematic review. <i>Thrombosis Update</i> , 2023, 11, 100133.	0.4	0
1578	Sulforaphane exhibits potent renoprotective effects in preclinical models of kidney diseases: A systematic review and meta-analysis. <i>Life Sciences</i> , 2023, 322, 121664.	2.0	4
1579	Physiological and clinical effects of different infusion rates of intravenous fluids for volume expansion: A coping review. <i>Journal of Critical Care</i> , 2023, 76, 154295.	1.0	1
1580	TRAF6 as a potential target in advanced breast cancer: a systematic review, meta-analysis, and bioinformatics validation. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
1581	Therapeutic effects of electrospun chitosan nanofibers on animal skin wounds: A systematic review and meta-analysis. <i>International Journal of Pharmaceutics: X</i> , 2023, 5, 100175.	1.2	0
1583	Gamma-band oscillations of pain and nociception: A systematic review and meta-analysis of human and rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 146, 105062.	2.9	10
1584	In Vivo Studies on Radiofrequency (100 kHz–300 GHz) Electromagnetic Field Exposure and Cancer: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2071.	1.2	4
1585	Pre-clinical efficacy of African medicinal plants used in the treatment of snakebite envenoming: A systematic review. <i>Toxicon</i> , 2023, 224, 107035.	0.8	1
1586	Impacts of Curcumin Treatment on Experimental Sepsis: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2023, 2023, 1-15.	1.9	2

#	ARTICLE	IF	CITATIONS
1587	Effect of hydrogen sulfide on ischemia-reperfusion injury of kidney: A systematic review and meta-analysis of in vivo animal studies. <i>European Journal of Pharmacology</i> , 2023, 943, 175564.	1.7	0
1588	Systematic review of the effect of caffeine therapy effect on cardiometabolic markers in rat models of the metabolic syndrome. <i>BMC Endocrine Disorders</i> , 2023, 23, .	0.9	2
1590	The effects of microbiome-targeted therapy on cognitive impairment and postoperative cognitive dysfunctionâ€”A systematic review. <i>PLoS ONE</i> , 2023, 18, e0281049.	1.1	3
1591	Anorexia nervosa and microbiota: systematic review and critical appraisal. <i>Eating and Weight Disorders</i> , 2023, 28, .	1.2	7
1592	Inconsistencies in variable reporting and methods in larval zebrafish behavioral assays. <i>Neurotoxicology and Teratology</i> , 2023, 96, 107163.	1.2	3
1593	Grape Processing Waste: Effects on Inflammatory Bowel Disease and Colorectal Cancer. <i>Food Reviews International</i> , 2024, 40, 336-369.	4.3	2
1594	Deepâ€”frying oil intake and risk of intestinal barrier dysfunction: aâ€”systematic review and metaâ€”analyses. <i>International Journal of Food Science and Technology</i> , 2023, 58, 1720-1727.	1.3	1
1595	AÃ—saÃ—(Euterpe oleracea Mart.) in Health and Disease: A Critical Review. <i>Nutrients</i> , 2023, 15, 989.	1.7	12
1596	Immunomodulatory Effects of Endodontic Sealers: A Systematic Review. <i>Dentistry Journal</i> , 2023, 11, 54.	0.9	1
1597	Natural Killer Cell-Derived Extracellular Vesicles as a Promising Immunotherapeutic Strategy for Cancer: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4026.	1.8	5
1598	Antioxidant, anti-inflammatory and anti-obesity effects of onion and its by-products in high-fat fed rodents: a systematic review. <i>Brazilian Journal of Biology</i> , 0, 83, .	0.4	1
1600	Extracellular vesicles as potential biomarkers and treatment options for liver failure: A systematic review up to March 2022. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
1601	Umbilical Cord Blood-Derived Cell Therapy for Perinatal Brain Injury: A Systematic Review & Meta-Analysis of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4351.	1.8	6
1602	Cell-based therapies have disease-modifying effects on osteoarthritis in animal models. A systematic review by the ESSKA Orthobiologic Initiative. Part 2: bone marrow-derived cell-based injectable therapies. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2023, 31, 3230-3242.	2.3	8
1603	The effect of SSRIs on fear learning: a systematic review and meta-analysis. <i>Psychopharmacology</i> , 2023, 240, 2335-2359.	1.5	2
1604	The Effects of Statins on Bone Formation Around Implants Placed in Animal Bones: A Systematic Review and Meta-Analysis. <i>Journal of Maxillofacial and Oral Surgery</i> , 2023, 22, 265-286.	0.6	1
1605	Factors Influencing the Efficacy of Umbilical Cord Blood-Derived Cell Therapy for Perinatal Brain Injury. <i>Stem Cells Translational Medicine</i> , 2023, 12, 125-139.	1.6	5
1606	Effects of Dietary Glutamine Supplementation on Heat-Induced Oxidative Stress in Broiler Chickens: A Systematic Review and Meta-Analysis. <i>Antioxidants</i> , 2023, 12, 570.	2.2	6

#	ARTICLE	IF	CITATIONS
1607	Effect of acupuncture on neuroinflammation in animal models of Alzheimer's disease: A preclinical systematic review and meta-analysis. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	0
1608	Regulatory role of the endocannabinoid system on glial cells toward cognitive function in Alzheimer's disease: A systematic review and meta-analysis of animal studies. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
1609	Antidiabetic Effect of Piper Sarmmentosum: A Systematic Review. , 2022, 18, 341-348.		0
1610	From critical appraisal to risk of bias assessment: clarifying the terminology for study evaluation in JBI systematic reviews. <i>JBI Evidence Synthesis</i> , 2023, 21, 472-477.	0.6	8
1611	Cardioprotective effects of curcumin against myocardial I/R injury: A systematic review and meta-analysis of preclinical and clinical studies. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	5
1612	A systematic assessment of preclinical multilaboratory studies and a comparison to single laboratory studies. <i>ELife</i> , 0, 12, .	2.8	1
1613	Therapeutic Approach of Whole-Body Vibration Exercise on Wound Healing in Animal Models: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4925.	1.2	1
1614	Role of prebiotic dietary fiber in periodontal disease: A systematic review of animal studies. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	0
1617	Sex-based analysis of treatment responses in animal models of sepsis: a preclinical systematic review protocol. <i>Systematic Reviews</i> , 2023, 12, .	2.5	1
1618	Bisphenol-S influence on oxidative stress and endocrine biomarkers of reproductive system: A systematic review and meta-analysis. <i>International Journal of Preventive Medicine</i> , 2023, 14, 37.	0.2	1
1619	Endocannabinoid system as a therapeutic target for psychostimulants relapse: A systematic review of preclinical studies. <i>European Journal of Pharmacology</i> , 2023, 951, 175669.	1.7	1
1620	Effects of S-Adenosylmethionine on Cognition in Animals and Humans: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-21.	1.2	1
1621	Efficacy of extracellular vesicles of different cell origins in traumatic brain injury: A systematic review and network meta-analysis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
1622	The Effect of Mastic Chios Supplementation in Inflammatory Bowel Disease: A Systematic Literature Review. <i>Journal of Medicinal Food</i> , 2023, 26, 215-223.	0.8	0
1623	Comparison of the efficacy of different biodegradable membranes in guided bone/tissue regeneration: a systematic review and network meta-analysis. <i>Biomedical Materials (Bristol)</i> , 2023, 18, 032003.	1.7	1
1624	A Meta-Analysis of Preclinical Studies to Investigate the Effect of Panax ginseng on Alcohol-Associated Liver Disease. <i>Antioxidants</i> , 2023, 12, 841.	2.2	0
1625	Preclinical efficacy of oncolytic VSV-IFN γ in treating cancer: A systematic review. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
1626	Osseointegration in relation to drilling speed in the preparation of dental implants sites: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2023, , .	1.1	2

#	ARTICLE	IF	CITATIONS
1627	Paediatric Asthma and the Microbiome: A Systematic Review. <i>Microorganisms</i> , 2023, 11, 939.	1.6	3
1628	Evaluating and developing sealants for the prevention of pulmonary air leakage: A systematic review of animal models. <i>Laboratory Animals</i> , 0, , 002367722311648.	0.5	0
1629	Osteoporosis treatment using stem cell-derived exosomes: a systematic review and meta-analysis of preclinical studies. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	4
1630	The effect of acupuncture on pain and swelling of arthritis animal models: A systematic review and meta-analysis. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
1631	Protective effects and mechanisms of opuntia polysaccharide in animal models of diabetes mellitus: A systematic review and meta-analysis. <i>Journal of Ethnopharmacology</i> , 2023, 312, 116490.	2.0	2
1632	Efficacy of mesenchymal stem cell therapy in rodent models of radiation-induced xerostomia and oral mucositis: a systematic review. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	3
1633	Chronotherapy in dentistry: A scoping review. <i>Chronobiology International</i> , 2023, 40, 684-697.	0.9	1
1634	The Effect of Growth Factors on Vaginal Wound Healing: A Systematic Review and Meta-analysis. <i>Tissue Engineering - Part B: Reviews</i> , 2023, 29, 429-440.	2.5	2
1635	Mesenchymal stem cells therapy for acute kidney injury: A systematic review with meta-analysis based on rat model. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
1636	Diabetic retinal neurodegeneration associated with synaptic proteins and functional defects: A systematic review. <i>Endocrine and Metabolic Science</i> , 2023, 11, 100127.	0.7	0
1637	Protective properties of extracellular vesicles in sepsis models: a systematic review and meta-analysis of preclinical studies. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	2
1638	The Sympathetic Nervous System in Dental Implantology. <i>Journal of Clinical Medicine</i> , 2023, 12, 2907.	1.0	1
1639	Neuroinflammation: A Common Pathway in Alzheimer's Disease and Epilepsy. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-13.	1.2	3
1640	Monitoring of Brain Tissue Oxygen Tension in Cardiac Arrest: a Translational Systematic Review from Experimental to Clinical Evidence. <i>Neurocritical Care</i> , 2024, 40, 349-363.	1.2	0
1641	Extracellular matrix-derived scaffolds in constructing artificial ovaries for ovarian failure: a systematic methodological review. <i>Human Reproduction Open</i> , 2023, 2023, .	2.3	2
1643	Mechanism of action of quercetin in rheumatoid arthritis models: meta-analysis and systematic review of animal studies. <i>Inflammopharmacology</i> , 2023, 31, 1629-1645.	1.9	2
1649	Appraisal of the Neuroprotective Effect of Dexmedetomidine: A Meta-Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 163-181.	0.8	0
1670	Stem cell therapy for premature ovarian insufficiency: a systematic review and meta-analysis of animal and clinical studies. <i>Archives of Gynecology and Obstetrics</i> , 2024, 309, 457-467.	0.8	1

#	ARTICLE	IF	CITATIONS
1673	A systematic review of the Woven EndoBridge device’s findings in pre-clinical animal models compare to clinical results?. <i>Acta Neurochirurgica</i> , 0, , .	0.9	0
1712	Could dietary restrictions affect periodontal disease? A systematic review. <i>Clinical Oral Investigations</i> , 2023, 27, 4107-4116.	1.4	2
1743	Mitigation of cold stress in Nile tilapia (<i>Oreochromis niloticus</i>) through dietary lipids supplementation: a preliminary network meta-analysis. <i>Fish Physiology and Biochemistry</i> , 0, , .	0.9	2
1754	Impact of plant extracts on hepatic redox metabolism upon lead exposure: a systematic review of preclinical in vivo evidence. <i>Environmental Science and Pollution Research</i> , 2023, 30, 91563-91590.	2.7	1
1756	A Systematic Review of Autoimmune Oophoritis Therapies. <i>Reproductive Sciences</i> , 0, , .	1.1	1
1762	Therapeutic approaches using natural substances on the streptozotocin-induced animal model of sporadic Alzheimer’s disease: a systematic review. <i>Advances in Traditional Medicine</i> , 2024, 24, 145-169.	1.0	1
1777	The effects of radiation on myeloid lineage immune cells within the rodent urinary bladder: a systematic review. <i>International Urology and Nephrology</i> , 2023, 55, 3005-3014.	0.6	2
1794	Acute and long-term effects of adolescence stress exposure on rodent adult hippocampal neurogenesis, cognition, and behaviour. <i>Molecular Psychiatry</i> , 0, , .	4.1	5
1816	Photobiomodulation therapy on skeletal muscles exposed to diabetes mellitus: a systematic review of animal studies. <i>Lasers in Medical Science</i> , 2023, 38, .	1.0	1
1822	Efficacy of laser in re-osseointegration of dental implants—a systematic review. <i>Lasers in Medical Science</i> , 2023, 38, .	1.0	0
1843	Anti-inflammatory effects of coumarins on a murine model of acute lung injury (ALI): a brief systematic review. <i>Advances in Traditional Medicine</i> , 0, , .	1.0	0
1870	The cross-talk between leptin and circadian rhythm signaling proteins in physiological processes: a systematic review. <i>Molecular Biology Reports</i> , 2023, 50, 10427-10443.	1.0	0
1889	Histological, Physiological and Biomechanical Effects of Low-Level Laser Therapy on Tendon Healing in Animals and Humans: A Systematic Review. <i>Annals of Biomedical Engineering</i> , 2023, 51, 2659-2707.	1.3	0
1897	Inflammation, Anti-inflammatory Interventions, and Post-stroke Cognitive Impairment: a Systematic Review and Meta-analysis of Human and Animal Studies. <i>Translational Stroke Research</i> , 0, , .	2.3	1
1899	Motor Rehabilitation Provides Modest Functional Benefits After Intracerebral Hemorrhage: a Systematic Review and Meta-Analysis of Translational Rehabilitation Studies. <i>Translational Stroke Research</i> , 0, , .	2.3	0
1901	Impaired learning, memory, and extinction in posttraumatic stress disorder: translational meta-analysis of clinical and preclinical studies. <i>Translational Psychiatry</i> , 2023, 13, .	2.4	2
1916	Lack of Genotoxicity Induced by Mineral Trioxide Aggregate In Vitro and In Vivo: A Systematic Review with Meta-Analysis. , 0, , .		0
1918	The effect of chamomile consumption on glycemic markers in humans and animals: a systematic review and meta-analysis. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , .	0.8	0

#	ARTICLE	IF	CITATIONS
1922	Hydrogels Loaded with Mesenchymal Stem Cells Extracellular Vesicles for Treating Knee Joint Disorders: A Systematic Review. <i>Regenerative Engineering and Translational Medicine</i> , 0, , .	1.6	0
1942	Effectiveness of epigallocatechin gallate nanoparticles on the in-vivo treatment of Alzheimer's disease in a rat/mouse model: a systematic review. <i>DARU, Journal of Pharmaceutical Sciences</i> , 0, , .	0.9	0
1976	Effect of simvastatin topical use on alveolar bone after tooth extraction: a scoping review. <i>Clinical Oral Investigations</i> , 2024, 28, .	1.4	0
1984	The impact and safety of encapsulated nanomaterials as a new alternative against carbapenem resistant bacteria. a systematic review. <i>World Journal of Microbiology and Biotechnology</i> , 2024, 40, .	1.7	0
1986	Reliability of sucrose preference testing following short or no food and water deprivation—a Systematic Review and Meta-Analysis of rat models of chronic unpredictable stress. <i>Translational Psychiatry</i> , 2024, 14, .	2.4	0
1995	Efficacy of photobiomodulation in the treatment of avulsed teeth: A systematic review of animal studies. <i>Lasers in Medical Science</i> , 2024, 39, .	1.0	0