

Ryan Moseley

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,194
citations

236925

25
h-index

223800

46
g-index

50
all docs

50
docs citations

50
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodontal Disease Mechanisms: Reactive oxygen species: a potential role in the pathogenesis of periodontal diseases. <i>Oral Diseases</i> , 2000, 6, 138-151.	3.0	325
2	Fibroblast Dysfunction Is a Key Factor in the Non-Healing of Chronic Venous Leg Ulcers. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2526-2540.	0.7	166
3	Degradation of glycosaminoglycans by reactive oxygen species derived from stimulated polymorphonuclear leukocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997, 1362, 221-231.	3.8	130
4	Comparison of oxidative stress biomarker profiles between acute and chronic wound environments. <i>Wound Repair and Regeneration</i> , 2004, 12, 419-429.	3.0	115
5	Dextrinâ€rhEGF conjugates as bioresponsive nanomedicines for wound repair. <i>Journal of Controlled Release</i> , 2008, 130, 275-283.	9.9	107
6	Extracellular matrix metabolites as potential biomarkers of disease activity in wound fluid: lessons learned from other inflammatory diseases?. <i>British Journal of Dermatology</i> , 2004, 150, 401-413.	1.5	100
7	Comparison of the antioxidant properties of wound dressing materialsâ€carboxymethylcellulose, hyaluronan benzyl ester and hyaluronan, towards polymorphonuclear leukocyte-derived reactive oxygen species. <i>Biomaterials</i> , 2003, 24, 1549-1557.	11.4	89
8	The effect of dextrinâ€rhEGF on the healing of full-thickness, excisional wounds in the (db/db) diabetic mouse. <i>Journal of Controlled Release</i> , 2011, 152, 411-417.	9.9	81
9	Variation in human dental pulp stem cell ageing profiles reflect contrasting proliferative and regenerative capabilities. <i>BMC Cell Biology</i> , 2017, 18, 12.	3.0	77
10	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. <i>Biomolecules</i> , 2021, 11, 1095.	4.0	77
11	The chemical modification of glycosaminoglycan structure by oxygen-derived species in vitro. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1244, 245-252.	2.4	68
12	Hyaluronan and its Potential Role in Periodontal Healing. <i>Dental Update</i> , 2002, 29, 144-148.	0.2	57
13	Bioresponsive Dextrinâ€rhEGF Conjugates: <i>In Vitro</i> Evaluation in Models Relevant to Its Proposed Use as a Treatment for Chronic Wounds. <i>Molecular Pharmaceutics</i> , 2010, 7, 699-707.	4.6	57
14	Non-healing is associated with persistent stimulation of the innate immune response in chronic venous leg ulcers. <i>Journal of Dermatological Science</i> , 2010, 59, 115-122.	1.9	56
15	Comparison of the antioxidant properties of HYAFFâ®-11p75, AQUACELâ® and hyaluronan towards reactive oxygen species in vitro. <i>Biomaterials</i> , 2002, 23, 2255-2264.	11.4	55
16	Evaluation of the physical and biological properties of hyaluronan and hyaluronan fragments. <i>International Journal of Pharmaceutics</i> , 2011, 420, 84-92.	5.2	52
17	Isolation and Characterisation of Mesenchymal Stem Cells from Rat Bone Marrow and the Endosteal Niche: A Comparative Study. <i>Stem Cells International</i> , 2018, 2018, 1-14.	2.5	41
18	Optimisation of the hydrogen peroxide preâ€treatment of titanium: surface characterisation and protein adsorption. <i>Clinical Oral Implants Research</i> , 2008, 19, 1317-1326.	4.5	40

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19	The Modification of Alveolar Bone Proteoglycans by Reactive Oxygen Species<i>In Vitro</i>. Connective Tissue Research, 1998, 37, 13-28.	2.3	39
20	Lipopolysaccharide alters decorin and biglycan synthesis in rat alveolar bone osteoblasts: consequences for bone repair during periodontal disease. European Journal of Oral Sciences, 2008, 116, 207-216.	1.5	34
21	â€˜Youngâ€™™ Oral Fibroblasts Are Geno/Phenotypically Distinct. Journal of Dental Research, 2010, 89, 1407-1413.	5.2	31
22	Evaluation of the In Vitro Oral Wound Healing Effects of Pomegranate (Punica granatum) Rind Extract and Punicalagin, in Combination with Zn (II). Biomolecules, 2020, 10, 1234.	4.0	30
23	Cerebral Oxidative Stress and Microvasculature Defects in TNF-Î± Expressing Transgenic and Porphyromonas gingivalis-Infected ApoEâ€“/â€“ Mice. Journal of Alzheimer's Disease, 2017, 60, 359-369.	2.6	29
24	Contrasting host immunoâ€“inflammatory responses to bacterial challenge within venous and diabetic ulcers. Wound Repair and Regeneration, 2014, 22, 58-69.	3.0	28
25	Hepatocyte Growth Factor Mediates Enhanced Wound Healing Responses and Resistance to Transforming Growth Factor-Î²1-Driven Myofibroblast Differentiation in Oral Mucosal Fibroblasts. International Journal of Molecular Sciences, 2017, 18, 1843.	4.1	28
26	Increased Oral Fibroblast Lifespan Is Telomerase-independent. Journal of Dental Research, 2009, 88, 916-921.	5.2	25
27	Effects of high glucose conditions on the expansion and differentiation capabilities of mesenchymal stromal cells derived from rat endosteal niche. BMC Molecular and Cell Biology, 2019, 20, 51.	2.0	21
28	Fluoride-induced changes to proteoglycan structure synthesised within the dentineâ€“pulp complex in vitro. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2004, 1689, 142-151.	3.8	20
29	Characterization of Oxidative Stress Status during Diabetic Bone Healing. Cells Tissues Organs, 2011, 194, 307-312.	2.3	19
30	The influence of fluoride on the cellular morphology and synthetic activity of the rat dentineâ€“pulp complex in vitro. Archives of Oral Biology, 2003, 48, 39-46.	1.8	18
31	The oral mucosa: a model of wound healing with reduced scarring. Oral Surgery, 2008, 1, 11-21.	0.2	18
32	The Influence of Fluoride Exposure on Dentin Mineralization Using an in Vitro Organ Culture Model. Calcified Tissue International, 2003, 73, 470-475.	3.1	16
33	Discrimination of Dental Pulp Stem Cell Regenerative Heterogeneity by Single-Cell Raman Spectroscopy. Tissue Engineering - Part C: Methods, 2019, 25, 489-499.	2.1	16
34	Controlled in vitro delivery of voriconazole and diclofenac to the cornea using contact lenses for the treatment of Acanthamoeba keratitis. International Journal of Pharmaceutics, 2020, 579, 119102.	5.2	14
35	Novel epoxy-tiglanes stimulate skin keratinocyte wound healing responses and re-epithelialization via protein kinase C activation. Biochemical Pharmacology, 2020, 178, 114048.	4.4	14
36	Evaluation of Dental Pulp Stem Cell Heterogeneity and Behaviour in 3D Type I Collagen Gels. BioMed Research International, 2020, 2020, 1-12.	1.9	13

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37	Dental Pulp Stem Cell Heterogeneity: Finding Superior Quality “Needles” in a Dental Pulpal “Haystack” for Regenerative Medicine-Based Applications. Stem Cells International, 2022, 2022, 1-20.	2.5	13
38	Differential cellular and microbial responses to nano-/micron-scale titanium surface roughness induced by hydrogen peroxide treatment. Journal of Biomaterials Applications, 2013, 28, 144-160.	2.4	12
39	Synergistic In Vitro Antimicrobial Activity of Pomegranate Rind Extract and Zinc (II) against Micrococcus luteus under Planktonic and Biofilm Conditions. Pharmaceutics, 2021, 13, 851.	4.5	11
40	Differential influence of fluoride concentration on the synthesis of bone matrix glycoproteins within mineralizing bone cells <i>in vitro</i> . Acta Odontologica Scandinavica, 2014, 72, 1066-1069.	1.6	10
41	Differential SOD2 and GSTZ1 profiles contribute to contrasting dental pulp stem cell susceptibilities to oxidative damage and premature senescence. Stem Cell Research and Therapy, 2021, 12, 142.	5.5	10
42	Investigation of the potential of polymer therapeutics in corneal re-epithelialisation. British Journal of Ophthalmology, 2010, 94, 1566-1570.	3.9	8
43	Lepiniopsis ternatensis sap stimulates fibroblast proliferation and down regulates macrophage TNF- α secretion. F β -toterap β , 2020, 141, 104478.	2.2	5
44	Statistical Characterization of Succinoylated Dextrin Degradation Behavior in Human α -Amylase. Journal of Carbohydrate Chemistry, 2013, 32, 438-449.	1.1	4
45	Evaluation of Cypholophus macrocephalus sap as a treatment for infected cutaneous ulcers in Papua New Guinea. F β -toterap β , 2020, 143, 104554.	2.2	4
46	A Time-Kill Assay Study on the Synergistic Bactericidal Activity of Pomegranate Rind Extract and Zn (II) against Methicillin-Resistant Staphylococcus aureus (MRSA), Staphylococcus epidermidis, Escherichia coli, and Pseudomonas aeruginosa. Biomolecules, 2021, 11, 1889.	4.0	3
47	A New Look at the Purported Health Benefits of Commercial and Natural Clays. Biomolecules, 2021, 11, 58.	4.0	2
48	Modification of gingival proteoglycans by reactive oxygen species: potential mechanism of proteoglycan degradation during periodontal diseases. Free Radical Research, 2021, 55, 970-981.	3.3	2
49	Ficus septica exudate, a traditional medicine used in Papua New Guinea for treating infected cutaneous ulcers: in vitro evaluation and clinical efficacy assessment by cluster randomised trial. Phytomedicine, 2022, 99, 154026.	5.3	1