

Cheng Lu

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

4,499
citations

117625

34
h-index

118850

62
g-index

110
all docs

110
docs citations

110
times ranked

6046
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. <i>Nature Communications</i> , 2016, 7, 10872.	12.8	424
2	PI3K/AKT pathway as a key link modulates the multidrug resistance of cancers. <i>Cell Death and Disease</i> , 2020, 11, 797.	6.3	383
3	Syndrome differentiation in modern research of traditional Chinese medicine. <i>Journal of Ethnopharmacology</i> , 2012, 140, 634-642.	4.1	291
4	Aptamer-functionalized lipid nanoparticles targeting osteoblasts as a novel RNA interference-based bone anabolic strategy. <i>Nature Medicine</i> , 2015, 21, 288-294.	30.7	253
5	Citrus fruits as a treasure trove of active natural metabolites that potentially provide benefits for human health. <i>Chemistry Central Journal</i> , 2015, 9, 68.	2.6	205
6	AuNPs as an important inorganic nanoparticle applied in drug carrier systems. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 4222-4233.	2.8	105
7	Triptolide Modulates TREM-1 Signal Pathway to Inhibit the Inflammatory Response in Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 498.	4.1	93
8	Present Advances and Future Perspectives of Molecular Targeted Therapy for Osteosarcoma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 506.	4.1	93
9	Systems Biology Guided by Chinese Medicine Reveals New Markers for Sub-Typing Rheumatoid Arthritis Patients. <i>Journal of Clinical Rheumatology</i> , 2009, 15, 330-337.	0.9	85
10	Pharmaceutical prospects of naturally occurring quinazolinone and its derivatives. <i>FÄ-toterapÄ-Äç</i> , 2017, 119, 136-149.	2.2	85
11	Pattern Differentiation in Traditional Chinese Medicine Can Help Define Specific Indications for Biomedical Therapy in the Treatment of Rheumatoid Arthritis. <i>Journal of Alternative and Complementary Medicine</i> , 2009, 15, 1021-1025.	2.1	79
12	The Effect of Triptolide in Rheumatoid Arthritis: From Basic Research towards Clinical Translation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 376.	4.1	79
13	Combination therapeutics in complex diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 2231-2240.	3.6	76
14	Progress and Challenges in Developing Aptamer-Functionalized Targeted Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23784-23822.	4.1	75
15	Cold and heat pattern of rheumatoid arthritis in traditional Chinese medicine: distinct molecular signatures indentified by microarray expression profiles in CD4-positive T cell. <i>Rheumatology International</i> , 2012, 32, 61-68.	3.0	74
16	Osteoclastic miR-214 targets TRAF3 to contribute to osteolytic bone metastasis of breast cancer. <i>Scientific Reports</i> , 2017, 7, 40487.	3.3	61
17	Molecular Insight into Gut Microbiota and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 431.	4.1	59
18	A network-based analysis of traditional Chinese medicine cold and hot patterns in rheumatoid arthritis. <i>Complementary Therapies in Medicine</i> , 2012, 20, 23-30.	2.7	54

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19	Predicting and verifying outcome of <i>Tripterygium wilfordii</i> Hook F. based therapy in rheumatoid arthritis: from open to double-blinded randomized trial. <i>Scientific Reports</i> , 2015, 5, 9700.	3.3	51
20	Metabolomics and Its Application in the Development of Discovering Biomarkers for Osteoporosis Research. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2018.	4.1	51
21	Effect of Andrographolide and Its Analogs on Bacterial Infection: A Review. <i>Pharmacology</i> , 2020, 105, 123-134.	2.2	50
22	Bioactive compounds from herbal medicines to manage dyslipidemia. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109338.	5.6	49
23	Efficacy and safety of Chinese herbal medicine versus Lopinavir-Ritonavir in adult patients with coronavirus disease 2019: A non-randomized controlled trial. <i>Phytomedicine</i> , 2021, 81, 153367.	5.3	48
24	Inhibition of osteoblastic Smurf1 promotes bone formation in mouse models of distinctive age-related osteoporosis. <i>Nature Communications</i> , 2018, 9, 3428.	12.8	47
25	Hepatoprotective Effect of <i>Citrus aurantium</i> L. Against APAP-induced Liver Injury by Regulating Liver Lipid Metabolism and Apoptosis. <i>International Journal of Biological Sciences</i> , 2020, 16, 752-765.	6.4	45
26	Gut microbiota as an "invisible organ" that modulates the function of drugs. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109653.	5.6	44
27	Combination of Hua Shi Bai Du granule (Q-14) and standard care in the treatment of patients with coronavirus disease 2019 (COVID-19): A single-center, open-label, randomized controlled trial. <i>Phytomedicine</i> , 2021, 91, 153671.	5.3	44
28	Network-Based Gene Expression Biomarkers for Cold and Heat Patterns of Rheumatoid Arthritis in Traditional Chinese Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-17.	1.2	43
29	Metabolic profiling reveals therapeutic biomarkers of processed <i>Aconitum Carmichaeli</i> Debx in treating hydrocortisone induced Kidney-Yang deficiency syndrome rats. <i>Journal of Ethnopharmacology</i> , 2014, 152, 585-593.	4.1	43
30	Correlation between cold and hot pattern in traditional Chinese medicine and gene expression profiles in rheumatoid arthritis. <i>Frontiers of Medicine</i> , 2011, 5, 219-228.	3.4	42
31	Application of Plant Metabonomics in Quality Assessment for Large-Scale Production of Traditional Chinese Medicine. <i>Planta Medica</i> , 2013, 79, 897-908.	1.3	42
32	Triptolide Inhibits Osteoclast Differentiation and Bone Resorption <i>In Vitro</i> via Enhancing the Production of IL-10 and TGF- β 1 by Regulatory T Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	3.0	42
33	Yupingfeng San Inhibits NLRP3 Inflammasome to Attenuate the Inflammatory Response in Asthma Mice. <i>Frontiers in Pharmacology</i> , 2017, 8, 944.	3.5	42
34	Targeted Delivery Systems for Molecular Therapy in Skeletal Disorders. <i>International Journal of Molecular Sciences</i> , 2016, 17, 428.	4.1	39
35	Chinese herbal medicine for constipation: zheng-based associations among herbs, formulae, proprietary medicines, and herb-drug interactions. <i>Chinese Medicine</i> , 2016, 11, 28.	4.0	39
36	Human Umbilical Mesenchymal Stem Cells Display Therapeutic Potential in Rheumatoid Arthritis by Regulating Interactions Between Immunity and Gut Microbiota via the Aryl Hydrocarbon Receptor. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 131.	3.7	39

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37	Triptolide Downregulates Treg Cells and the Level of IL-10, TGF- β 2, and VEGF in Melanoma-Bearing Mice. <i>Planta Medica</i> , 2013, 79, 1401-1407.	1.3	37
38	Naturally Occurring TPE-CA Maintains Gut Microbiota and Bile Acids Homeostasis via FXR Signaling Modulation of the Liver-Gut Axis. <i>Frontiers in Pharmacology</i> , 2020, 11, 12.	3.5	37
39	Chemotaxonomic Classification Applied to the Identification of Two Closely-Related Citrus TCMs Using UPLC-Q-TOF-MS-Based Metabolomics. <i>Molecules</i> , 2017, 22, 1721.	3.8	36
40	Drug-Metabolizing Cytochrome P450 Enzymes Have Multifarious Influences on Treatment Outcomes. <i>Clinical Pharmacokinetics</i> , 2021, 60, 585-601.	3.5	36
41	Efficacy and safety assessment of severe COVID-19 patients with Chinese medicine: A retrospective case series study at early stage of the COVID-19 epidemic in Wuhan, China. <i>Journal of Ethnopharmacology</i> , 2021, 277, 113888.	4.1	36
42	Triterpenoid resinous metabolites from the genus <i>Boswellia</i> : pharmacological activities and potential species-identifying properties. <i>Chemistry Central Journal</i> , 2013, 7, 153.	2.6	35
43	Regulatory Effect of Astragalus Polysaccharides on Intestinal Intraepithelial $\gamma\delta$ T Cells of Tumor Bearing Mice. <i>Molecules</i> , 2014, 19, 15224-15236.	3.8	35
44	Integrated and global pseudotargeted metabolomics strategy applied to screening for quality control markers of Citrus TCMs. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4849-4865.	3.7	34
45	The effect of triptolide on CD4+ and CD8+ cells in Peyer's patch of SD rats with collagen induced arthritis. <i>International Immunopharmacology</i> , 2006, 6, 198-203.	3.8	33
46	Is combined medication with natural medicine a promising therapy for bacterial biofilm infection?. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110184.	5.6	33
47	Cytokine Imbalance as a Common Mechanism in Both Psoriasis and Rheumatoid Arthritis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	3.0	32
48	HIF1 α inhibition facilitates Leflunomide-AHR-CRP signaling to attenuate bone erosion in CRP-aberrant rheumatoid arthritis. <i>Nature Communications</i> , 2019, 10, 4579.	12.8	30
49	The chemotaxonomic classification of <i>Rhodiola</i> plants and its correlation with morphological characteristics and genetic taxonomy. <i>Chemistry Central Journal</i> , 2013, 7, 118.	2.6	29
50	Pien Tze Huang Alleviates Relapsing-Remitting Experimental Autoimmune Encephalomyelitis Mice by Regulating Th1 and Th17 Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 1237.	3.5	29
51	Comparing different machine learning techniques for predicting COVID-19 severity. <i>Infectious Diseases of Poverty</i> , 2022, 11, 19.	3.7	28
52	Boldine isolated from <i>Litsea cubeba</i> inhibits bone resorption by suppressing the osteoclast differentiation in collagen-induced arthritis. <i>International Immunopharmacology</i> , 2017, 51, 114-123.	3.8	27
53	A review on the wide range applications of hyaluronic acid as a promising rejuvenating biomacromolecule in the treatments of bone related diseases. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1264-1275.	7.5	26
54	Preparation and quantification of the total phenolic products in Citrus fruit using solid-phase extraction coupled with high-performance liquid chromatography with diode array and UV detection. <i>Journal of Separation Science</i> , 2016, 39, 3806-3817.	2.5	24

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55	The effect of triptolide on CD4+ and CD8+ cells in the Peyer's patch of DA rats with collagen induced arthritis. <i>Natural Product Research</i> , 2009, 23, 1699-1706.	1.8	23
56	Symptom Combinations Assessed in Traditional Chinese Medicine and Its Predictive Role in ACR20 Efficacy Response in Rheumatoid Arthritis. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 675-683.	3.8	22
57	Naringenin ameliorates homocysteine induced endothelial damage via the AMPK \pm /Sirt1 pathway. <i>Journal of Advanced Research</i> , 2021, 34, 137-147.	9.5	21
58	Deciphering the Differential Toxic Responses of <i>Radix aconiti lateralis praeparata</i> in Healthy and Hydrocortisone-Pretreated Rats Based on Serum Metabolic Profiles. <i>Journal of Proteome Research</i> , 2013, 12, 513-524.	3.7	20
59	Tetramethylpyrazine identified by a network pharmacology approach ameliorates methotrexate-induced oxidative organ injury. <i>Journal of Ethnopharmacology</i> , 2015, 175, 638-647.	4.1	20
60	Pien Tze Huang alleviate the joint inflammation in collagen-induced arthritis mice. <i>Chinese Medicine</i> , 2020, 15, 30.	4.0	19
61	Understanding the Molecular Mechanism of Interventions in Treating Rheumatoid Arthritis Patients with Corresponding Traditional Chinese Medicine Patterns Based on Bioinformatics Approach. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	1.2	18
62	The Crosstalk of Pathways Involved in Immune Response Maybe the Shared Molecular Basis of Rheumatoid Arthritis and Type 2 Diabetes. <i>PLoS ONE</i> , 2015, 10, e0134990.	2.5	18
63	Potential Advantages of Bioactive Compounds Extracted From Traditional Chinese Medicine to Inhibit Bone Destructions in Rheumatoid Arthritis. <i>Frontiers in Pharmacology</i> , 2020, 11, 561962.	3.5	18
64	Enteric Mucosal Immune Response might Trigger the Immunomodulation Activity of <i>Ganoderma lucidum</i> Polysaccharide in Mice. <i>Planta Medica</i> , 2010, 76, 223-227.	1.3	17
65	Proteomic Study of Pyrrolizidine Alkaloid-Induced Hepatic Sinusoidal Obstruction Syndrome in Rats. <i>Chemical Research in Toxicology</i> , 2015, 28, 1715-1727.	3.3	17
66	A single marker choice strategy in simultaneous characterization and quantification of multiple components by rapid resolution liquid chromatography coupled with triple quadrupole tandem mass spectrometry (RRLC-QqQ-MS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 174-188.	2.8	17
67	Differential Amino Acid, Carbohydrate and Lipid Metabolism Perpetuations Involved in a Subtype of Rheumatoid Arthritis with Chinese Medicine Cold Pattern. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1757.	4.1	16
68	Hierarchical drug release designed Au @PDA-PEG-MTX NPs for targeted delivery to breast cancer with combined photothermal-chemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 143.	9.1	16
69	Chinese Medicine Formula Huashibaidu Granule Early Treatment for Mild COVID-19 Patients: An Unblinded, Cluster-Randomized Clinical Trial. <i>Frontiers in Medicine</i> , 2021, 8, 696976.	2.6	16
70	Osteoblastic PLEKHO1 contributes to joint inflammation in rheumatoid arthritis. <i>EBioMedicine</i> , 2019, 41, 538-555.	6.1	15
71	The Effects of Triptolide on Enteric Mucosal Immune Responses of DBA/1 Mice with Collagen-Induced Arthritis. <i>Planta Medica</i> , 2006, 72, 1268-1272.	1.3	14
72	The Shared Crosstalk of Multiple Pathways Involved in the Inflammation between Rheumatoid Arthritis and Coronary Artery Disease Based on a Digital Gene Expression Profile. <i>PLoS ONE</i> , 2014, 9, e113659.	2.5	14

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73	Therapeutic Potential of Pien Tze Huang on Experimental Autoimmune Encephalomyelitis Rat. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10.	2.2	14
74	Hei-Gu-Teng Zhuifenghuoluo Granule Modulates IL-12 Signal Pathway to Inhibit the Inflammatory Response in Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , 2018, 2018, 1-10.	2.2	13
75	The Protective Effect of Yi Shen Juan Bi Pill in Arthritic Rats with Castration-Induced Kidney Deficiency. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	1.2	12
76	The Effect of Curcumin on Human Bronchial Epithelial Cells Exposed to Fine Particulate Matter: A Predictive Analysis. <i>Molecules</i> , 2012, 17, 12406-12426.	3.8	11
77	Comprehensive identification of active triterpenoid metabolites in frankincense using a coupling strategy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 963, 90-98.	2.3	11
78	Synergistic enhancement and hepatoprotective effect of combination of total phenolic extracts of <i>Citrus aurantium</i> L. and methotrexate for treatment of rheumatoid arthritis. <i>Phytotherapy Research</i> , 2019, 33, 1122-1133.	5.8	11
79	A new approach to examining the extraction process of Zhishi and Zhiqiao considering the synergistic effect of complex mixtures by PAMPA. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 10-17.	2.3	10
80	High-throughput screening suggests glutathione synthetase as an anti-tumor target of polydatin using human proteome chip. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1230-1239.	7.5	10
81	Text Mining of Rheumatoid Arthritis and Diabetes Mellitus to Understand the Mechanisms of Chinese Medicine in Different Diseases with Same Treatment. <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 777-784.	1.6	9
82	Vascular Protection of TPE-CA on Hyperhomocysteinemia-induced Vascular Endothelial Dysfunction through AA Metabolism Modulated CYPs Pathway. <i>International Journal of Biological Sciences</i> , 2019, 15, 2037-2050.	6.4	9
83	Deciphering Antitumor Mechanism of Pien Tze Huang in Mice of Hepatocellular Carcinoma Based on Proteomics. <i>Journal of Immunology Research</i> , 2020, 2020, 1-14.	2.2	9
84	Clinical safety of total glucosides of paeony adjuvant therapy for rheumatoid arthritis treatment: a systematic review and meta-analysis. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 102.	2.7	9
85	Interaction of nobiletin with methotrexate ameliorates 7-OH methotrexate-induced nephrotoxicity through endoplasmic reticulum stress-dependent PERK/CHOP signaling pathway. <i>Pharmacological Research</i> , 2021, 165, 105371.	7.1	9
86	Identification of Characteristic Autoantibodies Associated With Deficiency Pattern in Traditional Chinese Medicine of Rheumatoid Arthritis Using Protein Chips. <i>Frontiers in Pharmacology</i> , 2019, 10, 755.	3.5	7
87	A pilot study to identify the longitudinal serum metabolite profiles to predict the development of hyperuricemia in essential hypertension. <i>Clinica Chimica Acta</i> , 2020, 510, 466-474.	1.1	7
88	Andrographolide Sulfonate Is a Promising Treatment to Combat Methicillin-resistant <i>Staphylococcus aureus</i> and Its Biofilms. <i>Frontiers in Pharmacology</i> , 2021, 12, 720685.	3.5	6
89	Detoxification strategies of triptolide based on drug combinations and targeted delivery methods. <i>Toxicology</i> , 2022, 469, 153134.	4.2	6
90	Diversified bioactivities of four types of naturally occurring quinochalcons. <i>Fā-toterapĀ-Āç</i> , 2014, 99, 7-20.	2.2	5

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91	Neuroprotective Potential of Gentongping in Rat Model of Cervical Spondylotic Radiculopathy Targeting PPAR- γ Pathway. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	2.2	5
92	Transcriptomics-based analysis of the mechanism by which Wang-Bi capsule alleviates joint destruction in rats with collagen-induced arthritis. <i>Chinese Medicine</i> , 2021, 16, 31.	4.0	5
93	The effect of Huashibaidu formula on the blood oxygen saturation status of severe COVID-19: A retrospective cohort study. <i>Phytomedicine</i> , 2022, 95, 153868.	5.3	5
94	Hyaluronic Acid Hydrogels Hybridized With Au-Triptolide Nanoparticles for Intraarticular Targeted Multi-Therapy of Rheumatoid Arthritis. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	5
95	Zhuang Gu Guan Jie Wan: Reasonable Application Can Alleviate the Liver Injury for Osteoarthritis Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	1.2	4
96	Wang-Bi Capsule Alleviates the Joint Inflammation and Bone Destruction in Mice with Collagen-Induced Arthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-7.	1.2	4
97	The endoplasmic reticulum participated in drug metabolic toxicity. <i>Cell Biology and Toxicology</i> , 2022, 38, 945-961.	5.3	4
98	The naturally occurring flavonoid nobiletin reverses methotrexate resistance via inhibition of P-glycoprotein synthesis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101756.	3.4	4
99	Serum metabolomics analysis of deficiency pattern and excess pattern in patients with rheumatoid arthritis. <i>Chinese Medicine</i> , 2022, 17, .	4.0	4
100	Dissecting the Molecular Mechanism of Wang-Bi Capsule in the Treatment of Experimental Rheumatoid Arthritis Based on Synovial Tissue Proteomic Analysis. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	2.2	3
101	Targets preliminary screening for the fresh natural drug molecule based on Cosine-correlation and similarity-comparison of local network. <i>Journal of Translational Medicine</i> , 2022, 20, 67.	4.4	2
102	Effects and Safety of the Tripterygium Glycoside Adjuvant Methotrexate Therapy in Rheumatoid Arthritis: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	1.2	2
103	Factors Defining the Development of Severe Illness in Patients with COVID-19: A Retrospective Study.. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 984-991.	0.2	2
104	Exploring potential therapeutic agents of Duhuo-Jisheng-Tang for rheumatoid arthritis. , 2014, .		1
105	A Longitudinal Cohort Study Using a Modified Child-Pugh Score to Escalate Respiratory Support in COVID-19 Patients in Hubei Province, China, 2020. <i>China CDC Weekly</i> , 2021, 3, 423-429.	2.3	1
106	Hot and Cold Theory: A Personalized Medicine Approach. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1343, 163-169.	1.6	0