

Jun Lu

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,628
citations

361413

20
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	Preclinical development of a microRNA-based therapy for intervertebral disc degeneration. <i>Nature Communications</i> , 2018, 9, 5051.	12.8	171
2	Quercetin reverses d-galactose induced neurotoxicity in mouse brain. <i>Behavioural Brain Research</i> , 2006, 171, 251-260.	2.2	161
3	Quercetin activates AMP-activated protein kinase by reducing PP2C expression protecting old mouse brain against high cholesterol-induced neurotoxicity. <i>Journal of Pathology</i> , 2010, 222, 199-212.	4.5	159
4	Purple Sweet Potato Color Alleviates D-galactose-induced Brain Aging in Old Mice by Promoting Survival of Neurons via PI3K Pathway and Inhibiting Cytochrome C-mediated Apoptosis. <i>Brain Pathology</i> , 2010, 20, 598-612.	4.1	127
5	Ursolic acid improves high fat diet-induced cognitive impairments by blocking endoplasmic reticulum stress and I κ B kinase 2 /nuclear factor- κ B-mediated inflammatory pathways in mice. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1658-1667.	4.1	123
6	Troloxerutin protects against high cholesterol-induced cognitive deficits in mice. <i>Brain</i> , 2011, 134, 783-797.	7.6	119
7	Stem cell-derived exosomes: A promising strategy for fracture healing. <i>Cell Proliferation</i> , 2017, 50, .	5.3	82
8	Trace amounts of copper exacerbate beta amyloid-induced neurotoxicity in the cholesterol-fed mice through TNF-mediated inflammatory pathway. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 193-203.	4.1	68
9	Stem cell therapy: a promising biological strategy for tendon-bone healing after anterior cruciate ligament reconstruction. <i>Cell Proliferation</i> , 2016, 49, 154-162.	5.3	66
10	Dysregulated miR-98 Contributes to Extracellular Matrix Degradation by Targeting IL-6/STAT3 Signaling Pathway in Human Intervertebral Disc Degeneration. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 900-909.	2.8	65
11	Trace amounts of copper induce neurotoxicity in the cholesterol-fed mice through apoptosis. <i>FEBS Letters</i> , 2006, 580, 6730-6740.	2.8	52
12	MicroRNA-218-5p as a Potential Target for the Treatment of Human Osteoarthritis. <i>Molecular Therapy</i> , 2017, 25, 2676-2688.	8.2	50
13	Downregulation of microRNA-193a-3p is involved in intervertebral disc degeneration by targeting MMP14. <i>Journal of Molecular Medicine</i> , 2016, 94, 457-468.	3.9	49
14	NGF-Dependent Activation of TrkA Pathway: A Mechanism for the Neuroprotective Effect of Troloxerutin in D-galactose-Treated Mice. <i>Brain Pathology</i> , 2010, 20, 952-965.	4.1	45
15	Precise targeting of miR-141/200c cluster in chondrocytes attenuates osteoarthritis development. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 356-366.	0.9	40
16	Triptolide delivery: Nanotechnology-based carrier systems to enhance efficacy and limit toxicity. <i>Pharmacological Research</i> , 2021, 165, 105377.	7.1	33
17	<i>Paris polyphylla</i> Suppresses Proliferation and Vasculogenic Mimicry of Human Osteosarcoma Cells and Inhibits Tumor Growth <i>In Vivo</i> . <i>The American Journal of Chinese Medicine</i> , 2017, 45, 575-598.	3.8	29
18	Tendon-to-Bone Healing in a Rat Extra-articular Bone Tunnel Model: A Comparison of Fresh Autologous Bone Marrow and Bone Marrow-Derived Mesenchymal Stem Cells. <i>American Journal of Sports Medicine</i> , 2019, 47, 2729-2736.	4.2	23

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19	Activation of mitochondrial-associated apoptosis signaling pathway and inhibition of PI3K/Akt/mTOR signaling pathway by voacamine suppress breast cancer progression. <i>Phytomedicine</i> , 2022, 99, 154015.	5.3	23
20	Lipopolysaccharide suppresses albumin expression by activating NF- κ B in rat hepatocytes. <i>Journal of Surgical Research</i> , 2004, 122, 274-279.	1.6	20
21	Quinoxaline-2,3-diones: potential d-amino acid oxidase (DAAO) inhibitors. <i>Medicinal Chemistry Research</i> , 2014, 23, 4977-4989.	2.4	17
22	Recent advances of N-heterocyclic carbenes in the applications of constructing carbo- and heterocyclic frameworks with potential biological activity. <i>RSC Advances</i> , 2021, 11, 38060-38078.	3.6	14
23	Migration-inducing gene-7 independently predicts poor prognosis of human osteosarcoma and is associated with vasculogenic mimicry. <i>Experimental Cell Research</i> , 2018, 369, 80-89.	2.6	12
24	Glutamine attenuates nitric oxide synthase expression and mitochondria membrane potential decrease in interleukin-1 β -activated rat hepatocytes. <i>European Journal of Nutrition</i> , 2009, 48, 333-339.	3.9	11
25	Wingless-Type MMTV Integration Site Family Member 5a Is a Key Secreted Islet Stellate Cell-Derived Product that Regulates Islet Function. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-8.	1.5	11
26	A red-light-activated sulfonamide porphycene for highly efficient photodynamic therapy against hypoxic tumor. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112867.	5.5	10
27	Novel sulfonamide porphyrin TBPoS-2OH used in photodynamic therapy for malignant melanoma. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111042.	5.6	10
28	MFG-E8 promotes tendon-bone healing by regulating macrophage efferocytosis and M2 polarization after anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Translation</i> , 2022, 34, 11-21.	3.9	10
29	Specific Clearance of Senescent Synoviocytes Suppresses the Development of Osteoarthritis based on Aptamer-Functionalized Targeted Drug Delivery System. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	7
30	Construction of multi-substituted pyrazoles <i>via</i> potassium carbonate-mediated [3 + 2] cycloaddition of <i>in situ</i> generated nitrile imines with cinnamic aldehydes. <i>RSC Advances</i> , 2022, 12, 13087-13092.	3.6	6
31	Discovery and analgesic evaluation of 8-chloro-1,4-dihydropyrido[2,3- <i>b</i>]pyrazine-2,3-dione as a novel potent d-amino acid oxidase inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 19-32.	5.5	5
32	Therapeutic effects of isothiocyanate prodrugs on rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 737-741.	2.2	3
33	A Novel Strategy Conjugating PD-L1 Polypeptide With Doxorubicin Alleviates Chemotherapeutic Resistance and Enhances Immune Response in Colon Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 737323.	2.8	2
34	Dracaenone, a novel type of homoisoflavone: Natural source, biological activity and chemical synthesis. <i>Current Organic Chemistry</i> , 2022, 26, .	1.6	1