

Wei Lei

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

720
citations

567281

15
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine-coated mesoporous silica nanoparticles for multi-responsive drug delivery and combined chemo-photothermal therapy. <i>Materials Science and Engineering C</i> , 2019, 105, 110103.	7.3	138
2	Neuroprotective Natural Products for Alzheimer's Disease. <i>Cells</i> , 2021, 10, 1309.	4.1	90
3	Gold nanoparticles modified hollow carbon system for dual-responsive release and chemo-photothermal synergistic therapy of tumor. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 239-249.	9.4	42
4	Heat-shock protein 90 (Hsp90) promotes opioid-induced anti-nociception by an ERK mitogen-activated protein kinase (MAPK) mechanism in mouse brain. <i>Journal of Biological Chemistry</i> , 2017, 292, 10414-10428.	3.4	41
5	Immuno-stimulatory activity of a polysaccharide-enriched fraction of <i>Sutherlandia frutescens</i> occurs by the toll-like receptor-4 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015, 172, 247-253.	4.1	39
6	Use of Herbal Medications for Treatment of Osteoarthritis and Rheumatoid Arthritis. <i>Medicines (Basel, Switzerland)</i> , 2020, 7, 67.	1.4	37
7	TAK1 activation of alpha-TAT1 and microtubule hyperacetylation control AKT signaling and cell growth. <i>Nature Communications</i> , 2018, 9, 1696.	12.8	35
8	Size effect on oral absorption in polymer-functionalized mesoporous carbon nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 57-66.	9.4	34
9	Polydopamine-carbon dots functionalized hollow carbon nanoplatfrom for fluorescence-imaging and photothermal-enhanced thermochemotherapy. <i>Materials Science and Engineering C</i> , 2021, 122, 111908.	7.3	31
10	A Novel Mu-Delta Opioid Agonist Demonstrates Enhanced Efficacy With Reduced Tolerance and Dependence in Mouse Neuropathic Pain Models. <i>Journal of Pain</i> , 2020, 21, 146-160.	1.4	30
11	Novel Molecular Strategies and Targets for Opioid Drug Discovery for the Treatment of Chronic Pain. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 97-110.	0.2	25
12	<i>Sutherlandia frutescens</i> Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. <i>PLoS ONE</i> , 2014, 9, e89748.	2.5	23
13	Fluorescent-labeled bioconjugates of the opioid peptides biphalin and DPDPE incorporating fluorescein-maleimide linkers. <i>Future Medicinal Chemistry</i> , 2017, 9, 859-869.	2.3	22
14	Synthesis and Structure-Activity Relationships of 5-Aryl-14-alkoxy-pyridomorphinans: Identification of a μ Opioid Receptor Agonist/ δ Opioid Receptor Antagonist Ligand with Systemic Antinociceptive Activity and Diminished Opioid Side Effects. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7663-7694.	6.4	21
15	Metabolite identification of ursolic acid in mouse plasma and urine after oral administration by ultra-high performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>RSC Advances</i> , 2018, 8, 6532-6539.	3.6	17
16	On resin click-chemistry-mediated synthesis of novel enkephalin analogues with potent anti-nociceptive activity. <i>Scientific Reports</i> , 2019, 9, 5771.	3.3	17
17	Potent, Efficacious, and Stable Cyclic Opioid Peptides with Long Lasting Antinociceptive Effect after Peripheral Administration. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2673-2687.	6.4	15
18	Unveiling the anti-inflammatory activity of <i>Sutherlandia frutescens</i> using murine macrophages. <i>International Immunopharmacology</i> , 2015, 29, 254-262.	3.8	13

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19	The Alpha Isoform of Heat Shock Protein 90 and the Co-chaperones p23 and Cdc37 Promote Opioid Anti-nociception in the Brain. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 294.	2.9	13
20	Inhibition of Hsp90 in the spinal cord enhances the antinociceptive effects of morphine by activating an ERK-RSK pathway. <i>Science Signaling</i> , 2020, 13, .	3.6	12
21	Heat shock protein 90 inhibitors block the antinociceptive effects of opioids in mouse chemotherapy-induced neuropathy and cancer bone pain models. <i>Pain</i> , 2020, 161, 1798-1807.	4.2	8
22	Novel Cyclic Biphalin Analogues by Ruthenium-Catalyzed Ring Closing Metathesis: <i>in Vivo</i> and <i>in Vitro</i> Biological Profile. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 450-456.	2.8	5
23	Clinical Trials, Potential Mechanisms, and Adverse Effects of Arnica as an Adjunct Medication for Pain Management. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 58.	1.4	4
24	cDNA cloning of the mouse bilirubin/phenol family of UDP-glucuronosyltransferase (mUGTbr2-like). <i>Pharmaceutical Research</i> , 1997, 14, 662-666.	3.5	3
25	The Effect of Heat Shock Protein 90 Inhibitor on Pain in Cancer Patients: A Systematic Review and Meta-Analysis. <i>Medicina (Lithuania)</i> , 2021, 57, 5.	2.0	2
26	Heat Shock Proteins and Pain. <i>Heat Shock Proteins</i> , 2020, , 211-235.	0.2	1
27	An Investigation into the Immunomodulatory Activities of <i>Sutherlandia frutescens</i> in Healthy Mice. <i>PLoS ONE</i> , 2016, 11, e0160994.	2.5	1
28	An Investigation into the Impact of a Glutaminase Inhibitor, Compound 968, on Nrf2 Signaling. <i>Future Pharmacology</i> , 2021, 1, 41-47.	1.8	1
29	Heat Shock Protein 90 α , Assisted by Co-chaperones p23 and Cdc37, Promotes Opioid Anti-nociception in the Brain via Promoting ERK MAPK Signaling. <i>FASEB Journal</i> , 2018, 32, 684.13.	0.5	0
30	Heat shock protein 90 promotes morphine anti-nociception in the spinal cord, but not in the brain, in a murine cancer induced bone pain model. <i>FASEB Journal</i> , 2018, 32, 701.6.	0.5	0
31	Role of Heat Shock Protein 90 in Regulating Downstream Signal Transduction Cascades. <i>Heat Shock Proteins</i> , 2019, , 161-182.	0.2	0
32	5-aminethylbenzimidazole Suppresses Lipopolysaccharide (LPS)/Interferon Gamma (IFN γ)-induced Inflammatory Responses in Macrophages. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0