

Lei Shi

List of Publications by Year in descending order

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36
papers

708
citations

759233

12
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1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Deficiency of Autism-Related Gene Dock4 Leads to Impaired Spatial Memory and Hippocampal Function in Mice at Late Middle Age. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1129-1146.	3.3	2
2	Anti-RSV activities of chicoric acid from <i>Echinacea purpurea</i> in vitro. <i>Minerva Surgery</i> , 2022, 77, .	0.6	2
3	USP49-Mediated Histone H2B Deubiquitination Regulates HCT116 Cell Proliferation through MDM2-p53 Axis. <i>Molecular and Cellular Biology</i> , 2022, 42, MCB0043421.	2.3	3
4	Silencing of ciliary protein ZMYND10 affects amitotic macronucleus division in <i>Paramecium tetraurelia</i> . <i>European Journal of Protistology</i> , 2022, 82, 125863.	1.5	0
5	Primary ciliary dyskinesia relative protein ZMYND10 is involved in regulating ciliary function and intraflagellar transport in <i>Paramecium tetraurelia</i> . <i>European Journal of Protistology</i> , 2021, 77, 125756.	1.5	3
6	A comprehensive profiling and identification of liquiritin metabolites in rats using ultra-high-performance liquid chromatography coupled with linear ion trap-orbitrap mass spectrometer. <i>Xenobiotica</i> , 2021, 51, 564-581.	1.1	7
7	Autism-like social deficit generated by Dock4 deficiency is rescued by restoration of Rac1 activity and NMDA receptor function. <i>Molecular Psychiatry</i> , 2021, 26, 1505-1519.	7.9	60
8	Comparative metabolism study on chlorogenic acid, cryptochlorogenic acid and neochlorogenic acid using UHPLC-Q-TOF MS coupled with network pharmacology. <i>Chinese Journal of Natural Medicines</i> , 2021, 19, 212-224.	1.3	14
9	Rapid Profiling and Identification of Vitexin Metabolites in Rat Urine, Plasma and Faeces after Oral Administration Using a UHPLC-Q-Exactive Orbitrap Mass Spectrometer Coupled with Multiple Data-mining Methods. <i>Current Drug Metabolism</i> , 2021, 22, 185-197.	1.2	7
10	Cajanusoids A-D, Unusual Atropisomeric Stilbene Dimers with PTP1B Inhibitory Activities from the Leaves of <i>Cajanus cajan</i> . <i>Journal of Organic Chemistry</i> , 2021, 86, 5870-5882.	3.2	7
11	Altered postnatal developmental patterns of ultrasonic vocalizations in Dock4 knockout mice. <i>Behavioural Brain Research</i> , 2021, 406, 113232.	2.2	9
12	Discovery of Neuritogenic Securinega Alkaloids from <i>Flueggea suffruticosa</i> by a Building Blocks-Based Molecular Network Strategy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19609-19613.	13.8	44
13	Phloroglucinol-derived lipids from the leaves of <i>Syzygium cumini</i> and their neuroprotective activities. <i>FÄ-toterapÄ-t</i> , 2021, 153, 104968.	2.2	3
14	Securinine Promotes Neuronal Development and Exhibits Antidepressant-like Effects via mTOR Activation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3650-3661.	3.5	3
15	Study on Gas Chromatographic Fingerprint of Essential Oil from <i>Stellera chamaejasme</i> Flowers and Its Repellent Activities against Three Stored Product Insects. <i>Molecules</i> , 2021, 26, 6438.	3.8	4
16	<i>Lamiophlomis herba</i> : A comprehensive overview of its chemical constituents, pharmacology, clinical applications, and quality control. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112299.	5.6	8
17	Enabling Molecular Gapping and Bridging on a Biosensing Surface via Electrochemical Cross-Linking and Cleavage. <i>Analytical Chemistry</i> , 2020, 92, 2635-2641.	6.5	2
18	Stimuli-responsive charge-reversal nano drug delivery system: The promising targeted carriers for tumor therapy. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118841.	5.2	44

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19	Intraflagellar Transport 80 Is Required for Cilia Construction and Maintenance in <i>Paramecium tetraurelia</i> . <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 521-531.	1.7	1
20	Rho GTPase Regulators and Effectors in Autism Spectrum Disorders: Animal Models and Insights for Therapeutics. <i>Cells</i> , 2020, 9, 835.	4.1	33
21	Hyaluronic acid-coated nanostructured lipid carriers for loading multiple traditional Chinese medicine components for liver cancer treatment. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 109-119.	0.2	3
22	7-O-geranylquercetin contributes to reverse P-gp-mediated adriamycin resistance in breast cancer. <i>Life Sciences</i> , 2019, 238, 116938.	4.3	12
23	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. <i>Journal of the American Chemical Society</i> , 2019, 141, 1126-1134.	13.7	141
24	Two Autism/Dyslexia Linked Variations of DOCK4 Disrupt the Gene Function on Rac1/Rap1 Activation, Neurite Outgrowth, and Synapse Development. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 577.	3.7	24
25	Precisely Defined Polymers for Efficient Gene Delivery. <i>Topics in Current Chemistry</i> , 2018, 376, 2.	5.8	5
26	Association between NR3C1 rs41423247 polymorphism and depression. <i>Medicine (United States)</i> , 2018, 97, e12541.	1.0	12
27	Intraflagellar transport 46 (IFT46) is essential for trafficking IFT proteins between cilia and cytoplasm in <i>Paramecium</i> . <i>Scientific Reports</i> , 2018, 8, 9259.	3.3	11
28	Balanced Rac1 activity controls formation and maintenance of neuromuscular acetylcholine receptor clusters. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	10
29	The Ciliary Protein IFT57 in the Macronucleus of <i>Paramecium</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 12-27.	1.7	11
30	7-O-Geranylquercetin induces apoptosis in gastric cancer cells via ROS-MAPK mediated mitochondrial signaling pathway activation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 527-538.	5.6	38
31	7-O-geranylquercetin-induced autophagy contributes to apoptosis via ROS generation in human non-small cell lung cancer cells. <i>Life Sciences</i> , 2017, 180, 102-113.	4.3	20
32	Bifunctional cationic solid lipid nanoparticles of Yb^{3+} -NaYF ₄ :Yb,Er upconversion nanoparticles coated with a lipid for bioimaging and gene delivery. <i>RSC Advances</i> , 2017, 7, 26633-26639.	3.6	15
33	Effects of specific egg yolk immunoglobulin on pan-drug-resistant <i>Acinetobacter baumannii</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1734-1742.	5.6	15
34	Rapid identification of bioactive peptides with antioxidant activity from the enzymatic hydrolysate of <i>Mactra veneriformis</i> by UHPLC-Q-TOF mass spectrometry. <i>Food Chemistry</i> , 2015, 167, 484-489.	8.2	66
35	l-boga-Type Alkaloids from <i>Ervatamia officinalis</i> . <i>Journal of Natural Products</i> , 2014, 77, 1839-1846.	3.0	54
36	Synthesis of Racemic 3-Hydroxybakuchiol and Its Analogues. <i>Helvetica Chimica Acta</i> , 2010, 93, 555-564.	1.6	15