

Dongyao Wang

List of Publications by Year in descending order

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21
papers

367
citations

759055

12
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19
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21
all docs

21
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21
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron Deficiency Increases Phosphorylation of SP1 to Upregulate SPNS2 Expression in Hepatocellular Carcinoma. <i>Biological Trace Element Research</i> , 2023, 201, 1689-1694.	1.9	5
2	Sphingosine-1-phosphate transporter spinster homolog 2 is essential for iron-regulated metastasis of hepatocellular carcinoma. <i>Molecular Therapy</i> , 2022, 30, 703-713.	3.7	16
3	A strategy of screening and binding analysis of bioactive components from traditional Chinese medicine based on surface plasmon resonance biosensor. <i>Journal of Pharmaceutical Analysis</i> , 2022, 12, 500-508.	2.4	11
4	Investigation of the apoptosis-inducing effect of docetaxel by comprehensive LC-MS-based metabolomics and network pharmacology approaches. <i>Biomedical Chromatography</i> , 2022, 36, .	0.8	2
5	Surface plasmon resonance biosensor combined with lentiviral particle stabilization strategy for rapid and specific screening of P-Glycoprotein ligands. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2021-2031.	1.9	6
6	Rapid responses of adipocytes to iron overload increase serum TG level by decreasing adiponectin. <i>Journal of Cellular Physiology</i> , 2021, 236, 7544-7553.	2.0	13
7	Target identification of baicalein derivative using DNA-programmed photoaffinity labeling. <i>Current Research in Chemical Biology</i> , 2021, , 100014.	1.4	0
8	Mild iron overload induces TRIP12-mediated degradation of YY1 to trigger hepatic inflammation. <i>Free Radical Biology and Medicine</i> , 2020, 161, 187-197.	1.3	18
9	SLC46A1 contributes to hepatic iron metabolism by importing heme in hepatocytes. <i>Metabolism: Clinical and Experimental</i> , 2020, 110, 154306.	1.5	14
10	Surface Plasmon Resonance-Based Membrane Protein-Targeted Active Ingredients Recognition Strategy: Construction and Implementation in Ligand Screening from Herbal Medicines. <i>Analytical Chemistry</i> , 2020, 92, 3972-3980.	3.2	17
11	Identification of eupatilin and ginkgolide B as p38 ligands from medicinal herbs by surface plasmon resonance biosensor-based active ingredients recognition system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 35-42.	1.4	7
12	A method for screening active components from Chinese herbs by cell membrane chromatography-offline-high performance liquid chromatography/mass spectrometry and an online statistical tool for data processing. <i>Journal of Chromatography A</i> , 2018, 1540, 68-76.	1.8	21
13	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. <i>Analytical Chemistry</i> , 2018, 90, 10765-10770.	3.2	6
14	Synthesis and biological evaluation of novel 2-oxo-1,2-dihydroquinoline-4-carboxamide derivatives for the treatment of esophageal squamous cell carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 516-530.	2.6	12
15	Biosensor-Based Active Ingredients Recognition System for Screening STAT3 Ligands from Medical Herbs. <i>Analytical Chemistry</i> , 2018, 90, 8936-8945.	3.2	29
16	Identification of Annexin A2 as a target protein for plant alkaloid matrine. <i>Chemical Communications</i> , 2017, 53, 5020-5023.	2.2	32
17	A novel strategy of profiling the mechanism of herbal medicines by combining network pharmacology with plasma concentration determination and affinity constant measurement. <i>Molecular BioSystems</i> , 2016, 12, 3347-3356.	2.9	22
18	Development of APTES-Decorated HepG2 Cancer Stem Cell Membrane Chromatography for Screening Active Components from <i>Salvia miltiorrhiza</i> . <i>Analytical Chemistry</i> , 2016, 88, 12081-12089.	3.2	56

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19	Cardiovascular Disease Chemogenomics Knowledgebase-guided Target Identification and Drug Synergy Mechanism Study of an Herbal Formula. <i>Scientific Reports</i> , 2016, 6, 33963.	1.6	32
20	Activity ranking of synthetic analogs targeting vascular endothelial growth factor receptor 2 by an integrated cell membrane chromatography system. <i>Journal of Separation Science</i> , 2015, 38, 4159-4165.	1.3	10
21	Quality improvements of cell membrane chromatographic column. <i>Journal of Chromatography A</i> , 2014, 1359, 330-335.	1.8	38