Dongyao Wang

List of Publications by Year
in descending order

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		759055	794469
21	367	12	19
papers	citations	h-index	g-index

21	21	21	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of APTES-Decorated HepG2 Cancer Stem Cell Membrane Chromatography for Screening Active Components from Salvia miltiorrhiza. Analytical Chemistry, 2016, 88, 12081-12089.	3.2	56
2	Quality improvements of cell membrane chromatographic column. Journal of Chromatography A, 2014, 1359, 330-335.	1.8	38
3	Cardiovascular Disease Chemogenomics Knowledgebase-guided Target Identification and Drug Synergy Mechanism Study of an Herbal Formula. Scientific Reports, 2016, 6, 33963.	1.6	32
4	Identification of Annexin A2 as a target protein for plant alkaloid matrine. Chemical Communications, 2017, 53, 5020-5023.	2.2	32
5	Biosensor-Based Active Ingredients Recognition System for Screening STAT3 Ligands from Medical Herbs. Analytical Chemistry, 2018, 90, 8936-8945.	3.2	29
6	A novel strategy of profiling the mechanism of herbal medicines by combining network pharmacology with plasma concentration determination and affinity constant measurement. Molecular BioSystems, 2016, 12, 3347-3356.	2.9	22
7	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. Journal of Chromatography A, 2018, 1540, 68-76.	1.8	21
8	Mild iron overload induces TRIP12-mediated degradation of YY1 to trigger hepatic inflammation. Free Radical Biology and Medicine, 2020, 161, 187-197.	1.3	18
9	Surface Plasmon Resonance-Based Membrane Protein-Targeted Active Ingredients Recognition Strategy: Construction and Implementation in Ligand Screening from Herbal Medicines. Analytical Chemistry, 2020, 92, 3972-3980.	3.2	17
10	Sphingosine-1-phosphate transporter spinster homolog 2 is essential for iron-regulated metastasis of hepatocellular carcinoma. Molecular Therapy, 2022, 30, 703-713.	3.7	16
11	SLC46A1 contributes to hepatic iron metabolism by importing heme in hepatocytes. Metabolism: Clinical and Experimental, 2020, 110, 154306.	1.5	14
12	Rapid responses of adipocytes to iron overload increase serum TG level by decreasing adiponectin. Journal of Cellular Physiology, 2021, 236, 7544-7553.	2.0	13
13	Synthesis and biological evaluation of novel 2-oxo-1,2-dihydroquinoline-4-carboxamide derivatives for the treatment of esophageal squamous cell carcinoma. European Journal of Medicinal Chemistry, 2018, 155, 516-530.	2.6	12
14	A strategy of screening and binding analysis of bioactive components from traditional Chinese medicine based on surface plasmon resonance biosensor. Journal of Pharmaceutical Analysis, 2022, 12, 500-508.	2.4	11
15	Activity ranking of synthetic analogs targeting vascular endothelial growth factor receptor 2 by an integrated cell membrane chromatography system. Journal of Separation Science, 2015, 38, 4159-4165.	1.3	10
16	Identification of eupatilin and ginkgolide B as p38 ligands from medicinal herbs by surface plasmon resonance biosensor-based active ingredients recognition system. Journal of Pharmaceutical and Biomedical Analysis, 2019, 171, 35-42.	1.4	7
17	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. Analytical Chemistry, 2018, 90, 10765-10770.	3.2	6
18	Surface plasmon resonance biosensor combined with lentiviral particle stabilization strategy for rapid and specific screening of P-Glycoprotein ligands. Analytical and Bioanalytical Chemistry, 2021, 413, 2021-2031.	1.9	6

#	Article	IF	Citations
19	Iron Deficiency Increases Phosphorylation of SP1 to Upregulate SPNS2 Expression in Hepatocellular Carcinoma. Biological Trace Element Research, 2023, 201, 1689-1694.	1.9	5
20	Investigation of the apoptosisâ€inducing effect of docetaxel by comprehensive LCâ€“MSâ€“based metabolomics and network pharmacology approaches. Biomedical Chromatography, 2022, 36, .	0.8	2
21	Target identification of baicalein derivative using DNA-programmed photoaffinity labeling. Current Research in Chemical Biology, 2021, , 100014.	1.4	0