

Xiuli Zhang

List of Publications by Year in descending order

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46
papers

1,010
citations

394421

19
h-index

454955

30
g-index

47
all docs

47
docs citations

47
times ranked

1430
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free cell phenotypic study of opioid receptors and discovery of novel mu opioid ligands from natural products. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113872.	4.1	2
2	Identification of novel phytocannabinoids from <i>Ganoderma</i> by label-free dynamic mass redistribution assay. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112218.	4.1	12
3	Phenotypic assessment and ligand screening of ETA/ETB receptors with label-free dynamic mass redistribution assay. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 937-950.	3.0	1
4	Sustainable Production of Safe Plasticizers with Bio-Based Fumarates and 1,3-Dienes. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7367-7374.	3.7	12
5	Purification of tertiary and quaternary alkaloids from <i>Rhizoma Corydalis</i> using reversed-phase/weak cation-exchange mixed-mode class separation combined with preparative C18 and silica based strong cation-exchange chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121742.	2.3	6
6	A Natural Product with High Affinity to Sigma and 5-HT7 Receptors as Novel Therapeutic Drug for Negative and Cognitive Symptoms of Schizophrenia. <i>Neurochemical Research</i> , 2019, 44, 2536-2545.	3.3	11
7	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products. <i>RSC Advances</i> , 2019, 9, 15073-15083.	3.6	7
8	Isolation and bioactive evaluation of flavonoid glycosides from <i>Lobelia chinensis</i> Lour using two-dimensional liquid chromatography combined with label-free cell phenotypic assays. <i>Journal of Chromatography A</i> , 2019, 1601, 224-231.	3.7	19
9	SAR Studies of <i>N</i> -[2-(1 <i>H</i> -Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 422-427.	2.8	4
10	Discovery of β -adrenoceptor agonists in <i>Curcuma zedoaria</i> Rosc using label-free cell phenotypic assay combined with two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1577, 59-65.	3.7	10
11	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting β -catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 724-733.	5.6	46
12	Discovery of novel antagonists on β -adrenoceptor from natural products using a label-free cell phenotypic assay. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1411-1420.	3.0	8
13	Receptor-specific crosstalk between prostanoid E receptor 3 and bombesin receptor subtype 3. <i>FASEB Journal</i> , 2018, 32, 3184-3192.	0.5	7
14	High-glucose 3D INS-1 cell model combined with a microfluidic circular concentration gradient generator for high throughput screening of drugs against type 2 diabetes. <i>RSC Advances</i> , 2018, 8, 25409-25416.	3.6	12
15	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017, 7, 46067.	3.3	17
16	Exploratory Purification of Compounds from Aqueous Extracts of <i>Pinus massoniana</i> Lamb. by Two-Dimensional Preparative Liquid Chromatography. <i>Chromatographia</i> , 2017, 80, 39-43.	1.3	1
17	Discovery of 2 <i>H</i> -Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 362-372.	6.4	23
18	4'-Hydroxywogonin suppresses lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and acute lung injury mice. <i>PLoS ONE</i> , 2017, 12, e0181191.	2.5	21

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19	The Antinociceptive Properties of the <i>Corydalis yanhusuo</i> Extract. <i>PLoS ONE</i> , 2016, 11, e0162875.	2.5	57
20	Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. <i>Scientific Reports</i> , 2016, 6, 24772.	3.3	16
21	Recent development in liquid chromatography stationary phases for separation of Traditional Chinese Medicine components. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 130, 336-346.	2.8	28
22	Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. <i>Pharmacological Research</i> , 2016, 108, 39-45.	7.1	17
23	Separation and characterization of bufadienolides in toad skin using two-dimensional normal-phase liquid chromatography—reversed-phase liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 67-74.	2.3	26
24	Hydroxycinnamic acid amides from <i>Scopolia tangutica</i> inhibit the activity of M1 muscarinic acetylcholine receptor in vitro. <i>FASEB J</i> , 2016, 108, 9-12.	2.2	13
25	Label-Free Cell Phenotypic Assays for Assessing Drug Polypharmacology. <i>Current Pharmaceutical Design</i> , 2016, 22, 3190-3200.	1.9	7
26	Characterization of anthocyanins in wild <i>Lycium ruthenicum</i> Murray by HPLC-DAD/QTOF-MS/MS. <i>Analytical Methods</i> , 2015, 7, 4947-4956.	2.7	41
27	Hydrophilic-subtraction model for the characterization and comparison of hydrophilic interaction liquid chromatography columns. <i>Journal of Chromatography A</i> , 2015, 1398, 29-46.	3.7	38
28	Discovery of new targets of phenolic acids in danshen using a label-free cell phenotypic assay. <i>RSC Advances</i> , 2015, 5, 25768-25776.	3.6	6
29	Preparative separation of a challenging anthocyanin from <i>Lycium ruthenicum</i> Murr. by two-dimensional reversed-phase liquid chromatography/hydrophilic interaction chromatography. <i>RSC Advances</i> , 2015, 5, 62134-62141.	3.6	35
30	Œ-Bufarenogin, a novel anti-tumor compound, suppresses liver cancer growth by inhibiting receptor tyrosine kinase-mediated signaling. <i>Oncotarget</i> , 2015, 6, 11627-11639.	1.8	11
31	Amide Alkaloids from <i>Scopolia tangutica</i> . <i>Planta Medica</i> , 2014, 80, 1124-1130.	1.3	25
32	A Novel Analgesic Isolated from a Traditional Chinese Medicine. <i>Current Biology</i> , 2014, 24, 117-123.	3.9	85
33	A novel method for characterization and comparison of reversed-phase column selectivity. <i>Journal of Chromatography A</i> , 2014, 1361, 153-161.	3.7	9
34	Effective 2D-RPLC/RPLC enrichment and separation of micro-components from <i>Hedyotis diffusa</i> Willd. and characterization by using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 99, 35-44.	2.8	21
35	Discovery of N-methyltetrahydroprotoberberines with Œ-opioid receptor agonists-opioid receptor agonist activities from <i>corydalis yanhusuo</i> W. T. Wang by using two-dimensional liquid chromatography. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1597-1602.	4.1	9
36	Hydrophilic interaction liquid chromatography-solid phase extraction directly combined with protein precipitation for the determination of triptorelin in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 214-221.	2.3	14

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37	Hydrophilic interaction chromatography for selective separation of isomeric saponins. <i>Journal of Chromatography A</i> , 2014, 1325, 121-128.	3.7	41
38	Purification of bufadienolides from the skin of <i>Bufo bufo gargarizans</i> Cantor with positively charged C18 column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 105-113.	2.8	18
39	Label-free cell phenotypic profiling identifies pharmacologically active compounds in two traditional Chinese medicinal plants. <i>RSC Advances</i> , 2014, 4, 26368-26377.	3.6	24
40	The herbalome— an attempt to globalize Chinese herbal medicine. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 573-581.	3.7	25
41	Metabonomic Study of Lung Cancer and the Effects of Radiotherapy on Lung Cancer Patients: Analysis of Highly Polar Metabolites by Ultrapformance HILIC Coupled with Q-TOF MS. <i>Chromatographia</i> , 2011, 74, 391-398.	1.3	11
42	Lysophosphatidylcholine profiling of plasma: discrimination of isomers and discovery of lung cancer biomarkers. <i>Metabolomics</i> , 2010, 6, 478-488.	3.0	92
43	Chemically bonded maltose via click chemistry as stationary phase for HILIC. <i>Analytical Methods</i> , 2010, 2, 217-224.	2.7	59
44	Selective enrichment of N-linked glycopeptides by using a highly hydrophilic matrix synthesized via click chemistry. <i>Analytical Methods</i> , 2010, 2, 1667.	2.7	17
45	Development and application of a sol-gel immunosorbent-based method for the determination of isoproterenol in surface water. <i>Journal of Chromatography A</i> , 2006, 1102, 84-90.	3.7	23
46	On-line immunoaffinity column-liquid chromatography-tandem mass spectrometry method for trace analysis of diuron in wastewater treatment plant effluent sample. <i>Journal of Chromatography A</i> , 2006, 1133, 112-118.	3.7	23