

Xiuli Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

786
citations

17
h-index

26
g-index

47
ext. papers

910
ext. citations

4
avg, IF

3.58
L-index

#	Paper	IF	Citations
46	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	5	2
45	Sustainable Production of Safe Plasticizers with Bio-Based Fumarates and 1,3-Dienes. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7367-7374	3.9	7
44	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	3.4	0
43	Identification of novel phytocannabinoids from Ganoderma by label-free dynamic mass redistribution assay. <i>Journal of Ethnopharmacology</i> , 2020 , 246, 112218	5	8
42	A Natural Product with High Affinity to Sigma and 5-HT Receptors as Novel Therapeutic Drug for Negative and Cognitive Symptoms of Schizophrenia. <i>Neurochemical Research</i> , 2019 , 44, 2536-2545	4.6	7
41	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	3.7	5
40	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	4.5	13
39	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	3.2	5
38	SAR Studies of -[2-(1-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 422-427	4.3	4
37	Receptor-specific crosstalk between prostanoid E receptor 3 and bombesin receptor subtype 3. <i>FASEB Journal</i> , 2018 , 32, 3184-3192	0.9	6
36	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	3.7	6
35	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	4.5	6
34	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting β atenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 724-733	7.5	26
33	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	3.4	5
32	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017 , 7, 46067	4.9	13
31	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	2.1	1
30	Discovery of 2H-Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 362-372	8.3	14

29	4-Hydroxywogonin suppresses lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and acute lung injury mice. <i>PLoS ONE</i> , 2017 , 12, e0181191	3.7	16
28	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	3.5	25
27	Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. <i>Pharmacological Research</i> , 2016 , 108, 39-45	10.2	16
26	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	3.2	18
25	Hydroxycinnamic acid amides from <i>Scopolia tangutica</i> inhibit the activity of M1 muscarinic acetylcholine receptor in vitro. <i>Fitoterapia</i> , 2016 , 108, 9-12	3.2	8
24	Label-Free Cell Phenotypic Assays for Assessing Drug Polypharmacology. <i>Current Pharmaceutical Design</i> , 2016 , 22, 3190-200	3.3	7
23	The Antinociceptive Properties of the <i>Corydalis yanhusuo</i> Extract. <i>PLoS ONE</i> , 2016 , 11, e0162875	3.7	27
22	Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. <i>Scientific Reports</i> , 2016 , 6, 24772	4.9	12
21	Hydrophilic-subtraction model for the characterization and comparison of hydrophilic interaction liquid chromatography columns. <i>Journal of Chromatography A</i> , 2015 , 1398, 29-46	4.5	32
20	Discovery of new targets of phenolic acids in danshen using a label-free cell phenotypic assay. <i>RSC Advances</i> , 2015 , 5, 25768-25776	3.7	6
19	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	3.7	27
18	Characterization of anthocyanins in wild <i>Lycium ruthenicum</i> Murray by HPLC-DAD/QTOF-MS/MS. <i>Analytical Methods</i> , 2015 , 7, 4947-4956	3.2	29
17	Bufarenogin, a novel anti-tumor compound, suppresses liver cancer growth by inhibiting receptor tyrosine kinase-mediated signaling. <i>Oncotarget</i> , 2015 , 6, 11627-39	3.3	9
16	A novel method for characterization and comparison of reversed-phase column selectivity. <i>Journal of Chromatography A</i> , 2014 , 1361, 153-61	4.5	9
15	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	3.5	20
14	Discovery of N-methyltetrahydroprotoberberines with μ 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, 1597-602	5	9
13	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, 214-21	3.2	11
12	Hydrophilic interaction chromatography for selective separation of isomeric saponins. <i>Journal of Chromatography A</i> , 2014 , 1325, 121-8	4.5	38

11	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, 105-13	3.5	16
10	Label-free cell phenotypic profiling identifies pharmacologically active compounds in two traditional Chinese medicinal plants. <i>RSC Advances</i> , 2014 , 4, 26368-26377	3.7	22
9	Amide alkaloids from <i>Scopolia tangutica</i> . <i>Planta Medica</i> , 2014 , 80, 1124-30	3.1	18
8	A novel analgesic isolated from a traditional Chinese medicine. <i>Current Biology</i> , 2014 , 24, 117-123	6.3	61
7	The herbalome--an attempt to globalize Chinese herbal medicine. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 573-81	4.4	22
6	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	2.1	11
5	Chemically bonded maltose via click chemistry as stationary phase for HILIC. <i>Analytical Methods</i> , 2010 , 2, 217-224	3.2	52
4	Selective enrichment of N-linked glycopeptides by using a highly hydrophilic matrix synthesized via click chemistry. <i>Analytical Methods</i> , 2010 , 2, 1667	3.2	17
3	Lysophosphatidylcholine profiling of plasma: discrimination of isomers and discovery of lung cancer biomarkers. <i>Metabolomics</i> , 2010 , 6, 478-488	4.7	79
2	Development and application of a sol-gel immunosorbent-based method for the determination of isoproton in surface water. <i>Journal of Chromatography A</i> , 2006 , 1102, 84-90	4.5	20
1	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, 112-8	4.5	21