

Han Zhou

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.

38

papers

560

citations

10

h-index

23

g-index

40

ext. papers

696

ext. citations

5.7

avg, IF

3.26

L-index

#	Paper	IF	Citations
38	Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling.. <i>European Journal of Pharmacology</i> , 2022 , 174760	5.3	0
37	Structurally diverse isoquinoline and amide alkaloids with dopamine D2 receptor antagonism from <i>Corydalis bungeana</i> .. <i>Phytochemistry</i> , 2022 , 159, 105175	3.2	0
36	Corybungines A-K: Isoquinoline alkaloids from <i>Corydalis bungeana</i> with dopamine D2 receptor activity.. <i>Phytochemistry</i> , 2022 , 199, 113209	4	0
35	Isoquinoline alkaloid dimers with dopamine D1 receptor activities from <i>Menispermum dauricum</i> DC. <i>Phytochemistry</i> , 2021 , 194, 113015	4	1
34	Offline preparative three-dimensional HPLC for systematic and efficient purification of alkaloids from <i>Gelsemium elegans</i> Benth. <i>Journal of Chromatography A</i> , 2021 , 1640, 461935	4.5	4
33	Oxa-adamantyl cannabinoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 38, 127882	2.9	2
32	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
31	Structure-Activity Relationship Studies of Coumarin-like Diacid Derivatives as Human G Protein-Coupled Receptor-35 (hGPR35) Agonists and a Consequent New Design Principle. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2634-2647	8.3	6
30	A strategy for efficient enrichment of steroidal alkaloids from <i>Fritillaria</i> based on fluorinated reversed-phase stationary phase. <i>Journal of Separation Science</i> , 2021 , 44, 3441-3449	3.4	0
29	TiO Simultaneous Enrichment, On-Line Deglycosylation, and Sequential Analysis of Glyco- and Phosphopeptides. <i>Frontiers in Chemistry</i> , 2021 , 9, 703176	5	0
28	Discovery of eight alkaloids with D1 and D2 antagonist activity in leaves of <i>Nelumbo nucifera</i> Gaertn. Using FLIPR assays. <i>Journal of Ethnopharmacology</i> , 2021 , 278, 114335	5	1
27	Systematic characterization of AT1 receptor antagonists with label-free dynamic mass redistribution assays. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020 , 102, 106682	1.7	2
26	An offline two-dimensional supercritical fluid chromatography [reversed phase liquid chromatography tandem quadrupole time-of-flight mass spectrometry system for comprehensive gangliosides profiling in swine brain extract. <i>Talanta</i> , 2020 , 208, 120366	6.2	11
25	Integration of micro-fractionation, high-performance liquid chromatography-ultraviolet detector-charged aerosol detector-mass spectrometry analysis and cellular dynamic mass redistribution assay to accelerate alkaloid drug discovery. <i>Journal of Chromatography A</i> , 2020 , 1616, 460779	4.5	3
24	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
23	Synthesis and evaluation of 3-(4-(phenoxyethyl)phenyl)propanoic acid and N-phenylbenzenesulfonamide derivatives as FFA4 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127650	2.9	3
22	Combination of multi-model statistical analysis and quantitative fingerprinting in quality evaluation of Shuang-huang-lian oral liquid. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7073-7083	4.4	1

21	Identification of novel phytocannabinoids from Ganoderma by label-free dynamic mass redistribution assay. <i>Journal of Ethnopharmacology</i> , 2020 , 246, 112218	5	8
20	Characterization of tropane and cinnamamide alkaloids from <i>Scopolia tangutica</i> by high-performance liquid chromatography with quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019 , 42, 1163-1173	3.4	5
19	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
18	Profiling of Human Milk Oligosaccharides for Lewis Epitopes and Secretor Status by Electrostatic Repulsion Hydrophilic Interaction Chromatography Coupled with Negative-Ion Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 8199-8206	7.8	6
17	Offline preparative 2-D polar-copolymerized reversed-phase chromatography β -zwitterionic hydrophilic interaction chromatography for effective purification of polar compounds from <i>Caulis Polygoni Multiflori</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1118-1119, 70-77	3.2	11
16	Strong electrostatic repulsive interaction used for fast and effective alkaloid enrichment from plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 148-155	3.2	2
15	On-line comprehensive two-dimensional liquid chromatography tandem mass spectrometry for the analysis of <i>Curcuma kwangsiensis</i> . <i>Talanta</i> , 2018 , 186, 73-79	6.2	18
14	Oximes short-acting CB1 receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4963-4970	3.4	5
13	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
12	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	7.5	26
11	(R)- N-(1-Methyl-2-hydroxyethyl)-13-(S)-methyl-arachidonamide (AMG315): A Novel Chiral Potent Endocannabinoid Ligand with Stability to Metabolizing Enzymes. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8639-8657	8.3	9
10	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
9	Human Cannabinoid Receptor 2 Ligand-Interaction Motif: Transmembrane Helix 2 Cysteine, C2.59(89), as Determinant of Classical Cannabinoid Agonist Activity and Binding Pose. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 1338-1347	5.7	5
8	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017 , 7, 46067	4.9	13
7	Fabrication of iron-nickel alloy microcomponents by centrifuge-assisted micromolding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 82, 839-846	3.2	2
6	Crystal Structure of the Human Cannabinoid Receptor CB. <i>Cell</i> , 2016 , 167, 750-762.e14	56.2	323
5	3afunctionalized adamantyl cannabinoid receptor probes. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3104816	4.16	21
4	A Ruthenium Catalyst with Simple Triphenylphosphane for the Enantioselective Hydrogenation of Aromatic Ketones. <i>ChemCatChem</i> , 2013 , 5, 2253-2257	5.2	13

3	C3-heteroaroyl cannabinoids as photolabeling ligands for the CB2 cannabinoid receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 5322-5	2.9	24
2	A Highly Diastereo- and Enantioselective Reaction for Constructing Functionalized Cyclohexanes: Six Contiguous Stereocenters in One Step. <i>Angewandte Chemie</i> , 2012 , 124, 1274-1277	3.6	15
1	Synthesis and Chromatographic Evaluation of Perfluorooctyl Stationary Phase for Separation of Basic Compounds. <i>Chromatographia</i> , 1	2.1	