Han Zhou

List of Publications by Year
in descending order

38 papers	873 citations	759233 12 h-index	501196 28 g-index
40 all docs	40 docs citations	40 times ranked	1420 citing authors

#	Article	IF	Citations
1	Crystal Structure of the Human Cannabinoid Receptor CB1. Cell, 2016, 167, 750-762.e14.	28.9	468
2	Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting Î²-catenin signaling. Biomedicine and Pharmacotherapy, 2018, 108, 724-733.	5.6	46
3	On-line comprehensive two-dimensional liquid chromatography tandem mass spectrometry for the analysis of Curcuma kwangsiensis. Talanta, 2018, 186, 73-79.	5.5	32
4	C3-Heteroaroyl cannabinoids as photolabeling ligands for the CB2 cannabinoid receptor. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5322-5325.	2.2	27
5	3â€²-Functionalized Adamantyl Cannabinoid Receptor Probes. Journal of Medicinal Chemistry, 2015, 58, 3104-3116.	6.4	23
6	An offline two-dimensional supercritical fluid chromatography Ã— reversed phase liquid chromatography tandem quadrupole time-of-flight mass spectrometry system for comprehensive gangliosides profiling in swine brain extract. Talanta, 2020, 208, 120366.	5.5	18
7	Structureâ€“Activity Relationship Studies of Coumarin-like Diacid Derivatives as Human G Protein-Coupled Receptor-35 (hGPR35) Agonists and a Consequent New Design Principle. Journal of Medicinal Chemistry, 2021, 64, 2634-2647.	6.4	18
8	Discovery of new muscarinic acetylcholine receptor antagonists from Scopolia tangutica. Scientific Reports, 2017, 7, 46067.	3.3	17
9	A Ruthenium Catalyst with Simple Triphenylphosphane for the Enantioselective Hydrogenation of Aromatic Ketones. ChemCatChem, 2013, 5, 2253-2257.	3.7	16
10	Offline preparative 2-D polar-copolymerized reversed-phase chromatography Ã— zwitterionic hydrophilic interaction chromatography for effective purification of polar compounds from Caulis Polygoni Multiflori. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 70-77.	2.3	16
11	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. Analytical Chemistry, 2019, 91, 8199-8206.	6.5	13
12	Offline preparative three-dimensional HPLC for systematic and efficient purification of alkaloids from Gelsemium elegans Benth. Journal of Chromatography A, 2021, 1640, 461935.	3.7	13
13	(R)-N-(1-Methyl-2-hydroxyethyl)-13-(S)-methyl-arachidonamide (AMG315): A Novel Chiral Potent Endocannabinoid Ligand with Stability to Metabolizing Enzymes. Journal of Medicinal Chemistry, 2018, 61, 8639-8657.	6.4	12
14	Identification of novel phytocannabinoids from Ganoderma by label-free dynamic mass redistribution assay. Journal of Ethnopharmacology, 2020, 246, 112218.	4.1	12
15	Characterization of tropane and cinnamamide alkaloids from Scopolia tangutica by highâ€performance liquid chromatography with quadrupole timeâ€ofâ€flight tandem mass spectrometry. Journal of Separation Science, 2019, 42, 1163-1173.	2.5	11
16	Discovery of Î²2- adrenoceptor agonists in Curcuma zedoaria Rosc using label-free cell phenotypic assay combined with two-dimensional liquid chromatography. Journal of Chromatography A, 2018, 1577, 59-65.	3.7	10
17	Oximes short-acting CB1 receptor agonists. Bioorganic and Medicinal Chemistry, 2018, 26, 4963-4970.	3.0	9
18	Discovery of eight alkaloids with D1 and D2 antagonist activity in leaves of Nelumbo nucifera Gaertn. Using FLIPR assays. Journal of Ethnopharmacology, 2021, 278, 114335.	4.1	9

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19	Discovery of novel antagonists on Î²2-adrenoceptor from natural products using a label-free cell phenotypic assay. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 1411-1420.	3.0	8
20	Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products. RSC Advances, 2019, 9, 15073-15083.	3.6	7
21	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. Journal of Chromatography A, 2020, 1616, 460779.	3.7	7
22	Combination of multi-model statistical analysis and quantitative fingerprinting in quality evaluation of Shuang-huang-lian oral liquid. Analytical and Bioanalytical Chemistry, 2020, 412, 7073-7083.	3.7	7
23	Human Cannabinoid Receptor 2 Ligand-Interaction Motif: Transmembrane Helix 2 Cysteine, C2.59(89), as Determinant of Classical Cannabinoid Agonist Activity and Binding Pose. ACS Chemical Neuroscience, 2017, 8, 1338-1347.	3.5	6
24	Synthesis and evaluation of 3-(4-(phenoxymethyl)phenyl)propanoic acid and N-phenylbenzenesulfonamide derivatives as FFA4 agonists. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127650.	2.2	6
25	Highâ€performance liquid chromatography quantitative analysis of ephedrine alkaloids in Ephedrae Herba on a perfluorooctyl stationary phase. Journal of Separation Science, 2022, 45, 1051-1058.	2.5	6
26	Strong electrostatic repulsive interaction used for fast and effective alkaloid enrichment from plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1105, 148-155.	2.3	5
27	Corybungines Aâ^'K: Isoquinoline alkaloids from Corydalis bungeana with dopamine D2 receptor activity. Phytochemistry, 2022, 199, 113209.	2.9	5
28	Isoquinoline alkaloid dimers with dopamine D1 receptor activities from Menispermum dauricum DC. Phytochemistry, 2022, 194, 113015.	2.9	4
29	Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling. European Journal of Pharmacology, 2022, 917, 174760.	3.5	4
30	Systematic characterization of AT1 receptor antagonists with label-free dynamic mass redistribution assays. Journal of Pharmacological and Toxicological Methods, 2020, 102, 106682.	0.7	3
31	Oxa-adamantyl cannabinoids. Bioorganic and Medicinal Chemistry Letters, 2021, 38, 127882.	2.2	3
32	TiO2 Simultaneous Enrichment, On-Line Deglycosylation, and Sequential Analysis of Glyco- and Phosphopeptides. Frontiers in Chemistry, 2021, 9, 703176.	3.6	3
33	Structurally diverse isoquinoline and amide alkaloids with dopamine D2 receptor antagonism from Corydalis bungeana. FÃ¬toterapÃ¬Ã¢, 2022, 159, 105175.	2.2	3
34	Fabrication of iron-nickel alloy microcomponents by centrifuge-assisted micromolding. International Journal of Advanced Manufacturing Technology, 2016, 82, 839-846.	3.0	2
35	Label-free cell phenotypic study of opioid receptors and discovery of novel mu opioid ligands from natural products. Journal of Ethnopharmacology, 2021, 270, 113872.	4.1	2
36	A strategy for efficient enrichment of steroidal alkaloids from Fritillaria based on fluorinated reversedâ€phase stationary phase. Journal of Separation Science, 2021, 44, 3441-3449.	2.5	2

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37	Phenotypic assessment and ligand screening of ETA/ETB receptors with label-free dynamic mass redistribution assay. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 937-950.	3.0	1
38	Synthesis and Chromatographic Evaluation of Perfluorooctyl Stationary Phase for Separation of Basic Compounds. Chromatographia, 0, , 1.	1.3	0