

# Han Zhou

## List of Publications by Year in descending order

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38  
papers

873  
citations

758635

12  
h-index

500791

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. <i>Cell</i> , 2016, 167, 750-762.e14.	13.5	468
2	Saikosaponin D from <i>Radix Bupleuri</i> suppresses triple-negative breast cancer cell growth by targeting $\beta$ -catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 724-733.	2.5	46
3	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.	2.9	32
4	C3-Heteroaroyl cannabinoids as photolabeling ligands for the CB2 cannabinoid receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5322-5325.	1.0	27
5	3-Functionalized Adamantyl Cannabinoid Receptor Probes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3104-3116.	2.9	23
6	An offline two-dimensional supercritical fluid chromatography $\bar{A}$ - 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.	2.9	18
7	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.	2.9	18
8	Discovery of new muscarinic acetylcholine receptor antagonists from <i>Scopolia tangutica</i> . <i>Scientific Reports</i> , 2017, 7, 46067.	1.6	17
9	A Ruthenium Catalyst with Simple Triphenylphosphane for the Enantioselective Hydrogenation of Aromatic Ketones. <i>ChemCatChem</i> , 2013, 5, 2253-2257.	1.8	16
10	Offline preparative 2-D polar-copolymerized reversed-phase chromatography $\bar{A}$ - 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.	1.2	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. <i>Analytical Chemistry</i> , 2019, 91, 8199-8206.	3.2	13
12	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.	1.8	13
13	( <i>R</i> )- <i>N</i> -(1-Methyl-2-hydroxyethyl)-13-( <i>S</i> )-methyl-arachidonamide (AMG315): A Novel Chiral Potent Endocannabinoid Ligand with Stability to Metabolizing Enzymes. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8639-8657.	2.9	12
14	Identification of novel phytocannabinoids from <i>Ganoderma</i> by label-free dynamic mass redistribution assay. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112218.	2.0	12
15	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.	1.3	11
16	Discovery of $\beta$ 2- 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.	1.8	10
17	Oximes short-acting CB1 receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4963-4970.	1.4	9
18	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.	2.0	9

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19	Discovery of novel antagonists on $\beta^2$ -adrenoceptor from natural products using a label-free cell phenotypic assay. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 1411-1420.	1.4	8
20	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.	1.7	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. <i>Journal of Chromatography A</i> , 2020, 1616, 460779.	1.8	7
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.	1.9	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. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1338-1347.	1.7	6
24	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.	1.0	6
25	High-performance liquid chromatography quantitative analysis of ephedrine alkaloids in <i>Ephedrae Herba</i> on a perfluorooctyl stationary phase. <i>Journal of Separation Science</i> , 2022, 45, 1051-1058.	1.3	6
26	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.	1.2	5
27	Corybungenines A-K: Isoquinoline alkaloids from <i>Corydalis bungeana</i> with dopamine D2 receptor activity. <i>Phytochemistry</i> , 2022, 199, 113209.	1.4	5
28	Isoquinoline alkaloid dimers with dopamine D1 receptor activities from <i>Menispermum dauricum</i> DC. <i>Phytochemistry</i> , 2022, 194, 113015.	1.4	4
29	Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling. <i>European Journal of Pharmacology</i> , 2022, 917, 174760.	1.7	4
30	Systematic characterization of AT1 receptor antagonists with label-free dynamic mass redistribution assays. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 102, 106682.	0.3	3
31	Oxa-adamantyl cannabinoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 38, 127882.	1.0	3
32	TiO <sub>2</sub> Simultaneous Enrichment, On-Line Deglycosylation, and Sequential Analysis of Glyco- and Phosphopeptides. <i>Frontiers in Chemistry</i> , 2021, 9, 703176.	1.8	3
33	Structurally diverse isoquinoline and amide alkaloids with dopamine D2 receptor antagonism from <i>Corydalis bungeana</i> . <i>Fitoterapia</i> , 2022, 159, 105175.	1.1	3
34	Fabrication of iron-nickel alloy microcomponents by centrifuge-assisted micromolding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 82, 839-846.	1.5	2
35	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.	2.0	2
36	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.	1.3	2

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37	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.	1.4	1
38	Synthesis and Chromatographic Evaluation of Perfluorooctyl Stationary Phase for Separation of Basic Compounds. <i>Chromatographia</i> , 0, , 1.	0.7	0