Chuipu Cai

List of Publications by Year
in descending order

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30 papers	1,370 citations	430754 18 h-index	454834 30 g-index
30 all docs	30 docs citations	30 times ranked	1736 citing authors

#	Article	IF	Citations
1	The cost of Alzheimer's disease in China and reâ€estimation of costs worldwide. Alzheimer's and Dementia, 2018, 14, 483-491.	0.4	404
2	Deep Learning-Based Prediction of Drug-Induced Cardiotoxicity. Journal of Chemical Information and Modeling, 2019, 59, 1073-1084.	2.5	123
3	Network pharmacology-based study on the mechanism of action for herbal medicines in Alzheimer treatment. Journal of Ethnopharmacology, 2017, 196, 281-292.	2.0	96
4	In silico polypharmacology of natural products. Briefings in Bioinformatics, 2018, 19, 1153-1171.	3.2	95
5	Quantitative and Systems Pharmacology. 1. In Silico Prediction of Drugâ€“Target Interactions of Natural Products Enables New Targeted Cancer Therapy. Journal of Chemical Information and Modeling, 2017, 57, 2657-2671.	2.5	76
6	A Systems Pharmacology Approach Uncovers Wogonoside as an Angiogenesis Inhibitor of Triple-Negative Breast Cancer by Targeting Hedgehog Signaling. Cell Chemical Biology, 2019, 26, 1143-1158.e6.	2.5	53
7	Systems Pharmacology-Based Discovery of Natural Products for Precision Oncology Through Targeting Cancer Mutated Genes. CPT: Pharmacometrics and Systems Pharmacology, 2017, 6, 177-187.	1.3	49
8	The Mechanisms of Bushen-Yizhi Formula as a Therapeutic Agent against Alzheimerâ€™s Disease. Scientific Reports, 2018, 8, 3104.	1.6	46
9	Quantitative and Systems Pharmacology 3. Network-Based Identification of New Targets for Natural Products Enables Potential Uses in Aging-Associated Disorders. Frontiers in Pharmacology, 2017, 8, 747.	1.6	38
10	In Silico Pharmacoepidemiologic Evaluation of Drug-Induced Cardiovascular Complications Using Combined Classifiers. Journal of Chemical Information and Modeling, 2018, 58, 943-956.	2.5	37
11	An Insight Into the Molecular Mechanism of Berberine Towards Multiple Cancer Types Through Systems Pharmacology. Frontiers in Pharmacology, 2019, 10, 857.	1.6	34
12	TCMIO: A Comprehensive Database of Traditional Chinese Medicine on Immuno-Oncology. Frontiers in Pharmacology, 2020, 11, 439.	1.6	34
13	Recent Progress in Machine Learning-based Prediction of Peptide Activity for Drug Discovery. Current Topics in Medicinal Chemistry, 2019, 19, 4-16.	1.0	31
14	Kai Xin San ameliorates scopolamine-induced cognitive dysfunction. Neural Regeneration Research, 2019, 14, 794.	1.6	28
15	Discovery of neuroprotective compounds by machine learning approaches. RSC Advances, 2016, 6, 9857-9871.	1.7	27
16	Systems Pharmacology Approach to Investigate the Mechanism of Kai-Xin-San in Alzheimerâ€™s Disease. Frontiers in Pharmacology, 2020, 11, 381.	1.6	27
17	Quantitative and systems pharmacology 4. Network-based analysis of drug pleiotropy on coronary artery disease. European Journal of Medicinal Chemistry, 2019, 161, 192-204.	2.6	25
18	In silico prediction of ROCK II inhibitors by different classification approaches. Molecular Diversity, 2017, 21, 791-807.	2.1	20

#	Article	IF	Citations
19	In silico Identification and Mechanism Exploration of Hepatotoxic Ingredients in Traditional Chinese Medicine. Frontiers in Pharmacology, 2019, 10, 458.	1.6	19
20	Exploring the active mechanism of berberine against HCC by systematic pharmacology and experimental validation. Molecular Medicine Reports, 2019, 20, 4654-4664.	1.1	18
21	Systems pharmacology-based approach to investigate the mechanisms of Danggui-Shaoyao-san prescription for treatment of Alzheimerâ€™s disease. BMC Complementary Medicine and Therapies, 2020, 20, 282.	1.2	18
22	Comprehensive assessment of side effects in COVID-19 drug pipeline from a network perspective. Food and Chemical Toxicology, 2020, 145, 111767.	1.8	15
23	Systems pharmacology approach uncovers the therapeutic mechanism of medicarpin against scopolamine-induced memory loss. Phytomedicine, 2021, 91, 153662.	2.3	15
24	In silico identification of natural products from Traditional Chinese Medicine for cancer immunotherapy. Scientific Reports, 2021, 11, 3332.	1.6	14
25	Systems pharmacology approach uncovers Ligustilide attenuates experimental colitis in mice by inhibiting PPARÎ³-mediated inflammation pathways. Cell Biology and Toxicology, 2021, 37, 113-128.	2.4	7
26	Network-Based Identification and Experimental Validation of Drug Candidates Toward SARS-CoV-2 via Targeting Virusâ€“Host Interactome. Frontiers in Genetics, 2021, 12, 728960.	1.1	7
27	In Silico Prediction and Bioactivity Evaluation of Chemical Ingredients Against Influenza A Virus From Isatis tinctoria L. Frontiers in Pharmacology, 2021, 12, 755396.	1.6	6
28	Systems pharmacology-based investigation of Sanwei Ganjiang Prescription: related mechanisms in liver injury. Chinese Journal of Natural Medicines, 2018, 16, 756-765.	0.7	3
29	In Silico Identification and Mechanism Exploration of Active Ingredients against Stroke from An-Gong-Niu-Huang-Wan (AGNHW) Formula. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	1.9	3
30	Chemical Distance Measurement and System Pharmacology Approach Uncover the Novel Protective Effects of Biotransformed Ginsenoside C-Mc against UVB-Irradiated Photoaging. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-23.	1.9	2