

Zhen-ming Liu

List of Publications by Year in descending order

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29
papers

940
citations

623574

14
h-index

477173

29
g-index

29
all docs

29
docs citations

29
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective de novo drug design with conditional graph generative model. <i>Journal of Cheminformatics</i> , 2018, 10, 33.	2.8	193
2	CMNPD: a comprehensive marine natural products database towards facilitating drug discovery from the ocean. <i>Nucleic Acids Research</i> , 2021, 49, D509-D515.	6.5	105
3	DeepScaffold: A Comprehensive Tool for Scaffold-Based De Novo Drug Discovery Using Deep Learning. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 77-91.	2.5	84
4	Functional Characterization and Structural Basis of an Efficient Di- <i>C</i> -glycosyltransferase from <i>Glycyrrhiza glabra</i> . <i>Journal of the American Chemical Society</i> , 2020, 142, 3506-3512.	6.6	76
5	Identification of the ADPR binding pocket in the NUDT9 homology domain of TRPM2. <i>Journal of General Physiology</i> , 2017, 149, 219-235.	0.9	49
6	An Unbiased Method To Build Benchmarking Sets for Ligand-Based Virtual Screening and its Application To GPCRs. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1433-1450.	2.5	46
7	Direct Gating of the TRPM2 Channel by cADPR via Specific Interactions with the ADPR Binding Pocket. <i>Cell Reports</i> , 2019, 27, 3684-3695.e4.	2.9	45
8	The state of the art of PROTAC technologies for drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2022, 235, 114290.	2.6	45
9	Multistage Screening Reveals 3-Substituted Indolin-2-one Derivatives as Novel and Isoform-Selective c-Jun N-terminal Kinase 3 (JNK3) Inhibitors: Implications to Drug Discovery for Potential Treatment of Neurodegenerative Diseases. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6645-6664.	2.9	38
10	Design, synthesis and biological activities of 2,3-dihydroquinazolin-4(1H)-one derivatives as TRPM2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 235-252.	2.6	29
11	Research progress of MEK1/2 inhibitors and degraders in the treatment of cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113386.	2.6	29
12	Discovery of new GSK-3 β inhibitors through structure-based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 160-166.	1.0	19
13	Discovery of novel glycogen synthase kinase-3 β inhibitors: Structure-based virtual screening, preliminary SAR and biological evaluation for treatment of acute myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2019, 171, 221-234.	2.6	19
14	Rational modification, synthesis and biological evaluation of 3,4-dihydroquinoxalin-2(1H)-one derivatives as potent and selective c-Jun N-terminal kinase 3 (JNK3) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112445.	2.6	17
15	Discovery of novel multidrug resistance protein 4 (MRP4) inhibitors as active agents reducing resistance to anticancer drug 6-Mercaptopurine (6-MP) by structure and ligand-based virtual screening. <i>PLoS ONE</i> , 2018, 13, e0205175.	1.1	16
16	The Discovery of Novel ACA Derivatives as Specific TRPM2 Inhibitors that Reduce Ischemic Injury Both In Vitro and In Vivo. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3976-3996.	2.9	16
17	Graph-based generative models for de Novo drug design. <i>Drug Discovery Today: Technologies</i> , 2019, 32-33, 45-53.	4.0	15
18	Discovery of 4-arylthiophene-3-carboxylic acid as inhibitor of ANO1 and its effect as analgesic agent. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1947-1964.	5.7	13

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19	Discovery of Novel and Potent <i>N</i> -Methyl-D-aspartate Receptor Positive Allosteric Modulators with Antidepressant-like Activity in Rodent Models. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5551-5576.	2.9	12
20	Medicinal chemistry perspective of TRPM2 channel inhibitors: where we are and where we might be heading?. <i>Drug Discovery Today</i> , 2020, 25, 2326-2334.	3.2	10
21	Privileged Scaffold Analysis of Natural Products with Deep Learning-based Indication Prediction Model. <i>Molecular Informatics</i> , 2020, 39, e2000057.	1.4	10
22	TF3P: Three-Dimensional Force Fields Fingerprint Learned by Deep Capsular Network. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2754-2765.	2.5	9
23	Target Prediction Model for Natural Products Using Transfer Learning. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4632.	1.8	9
24	Unravel a neuroactive sHA sulfation pattern with neurogenesis activity by a library of defined oligosaccharides. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 583-596.	2.6	8
25	AlScaffold: A Web-Based Tool for Scaffold Diversification Using Deep Learning. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1-6.	2.5	8
26	Pose Filter-Based Ensemble Learning Enables Discovery of Orally Active, Nonsteroidal Farnesoid X Receptor Agonists. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1202-1214.	2.5	7
27	Optimization of 4-arylthiophene-3-carboxylic acid derivatives as inhibitors of ANO1: Lead optimization studies toward their analgesic efficacy for inflammatory pain. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114413.	2.6	5
28	Chemical Space, Scaffolds, and Halogenated Compounds of CMNPD: A Comprehensive Chemoinformatic Analysis. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3323-3336.	2.5	4
29	Discovery of novel ataxia telangiectasia mutated (ATM) kinase modulators: Computational simulation, biological evaluation and cancer combinational chemotherapy study. <i>European Journal of Medicinal Chemistry</i> , 2022, 233, 114196.	2.6	4