# Zhen-ming Liu

List of Publications by Year
in descending order



| 29 | 940 | 623734 14 | 477307 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 1030 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Discovery of novel ataxia telangiectasia mutated (ATM) kinase modulators: Computational simulation, biological evaluation and cancer combinational chemotherapy study. European Journal of Medicinal Chemistry, 2022, 233, 114196. | 5.5 | 4 |
| 2 | The state of the art of PROTAC technologies for drug discovery. European Journal of Medicinal Chemistry, 2022, 235, 114290. | 5.5 | 45 |
| 3 | Optimization of 4-arylthiophene-3-carboxylic acid derivatives as inhibitors of ANO1: Lead optimization studies toward their analgesic efficacy for inflammatory pain. European Journal of Medicinal Chemistry, 2022, 237, 114413. | 5.5 | 5 |
| 4 | CMNPD: a comprehensive marine natural products database towards facilitating drug discovery from the ocean. Nucleic Acids Research, 2021, 49, D509-D515. | 14.5 | 105 |
| 5 | Discovery of 4-arylthiophene-3-carboxylic acid as inhibitor of ANO1 and its effect as analgesic agent. Acta Pharmaceutica Sinica B, 2021, 11, 1947-1964. | 12.0 | 13 |
| 6 | The Discovery of Novel ACA Derivatives as Specific TRPM2 Inhibitors that Reduce Ischemic Injury Both In Vitro and In Vivo. Journal of Medicinal Chemistry, 2021, 64, 3976-3996. | 6.4 | 16 |
| 7 | Target Prediction Model for Natural Products Using Transfer Learning. International Journal of Molecular Sciences, 2021, 22, 4632. | 4.1 | 9 |
| 8 | Discovery of Novel and Potent N-Methyl-<scp>d</scp>-aspartate Receptor Positive Allosteric Modulators with Antidepressant-like Activity in Rodent Models. Journal of Medicinal Chemistry, 2021, 64, 5551-5576. | 6.4 | 12 |
| 9 | Chemical Space, Scaffolds, and Halogenated Compounds of CMNPD: A Comprehensive Chemoinformatic Analysis. Journal of Chemical Information and Modeling, 2021, 61, 3323-3336. | 5.4 | 4 |
| 10 | Research progress of MEK1/2 inhibitors and degraders in the treatment of cancer. European Journal of Medicinal Chemistry, 2021, 218, 113386. | 5.5 | 29 |
| 11 | AIScaffold: A Web-Based Tool for Scaffold Diversification Using Deep Learning. Journal of Chemical Information and Modeling, 2021, 61, 1-6. | 5.4 | 8 |
| 12 | DeepScaffold: A Comprehensive Tool for Scaffold-Based De Novo Drug Discovery Using Deep Learning. Journal of Chemical Information and Modeling, 2020, 60, 77-91. | 5.4 | 84 |
| 13 | Medicinal chemistry perspective of TRPM2 channel inhibitors: where we are and where we might be heading?. Drug Discovery Today, 2020, 25, 2326-2334. | 6.4 | 10 |
| 14 | TF3P: Three-Dimensional Force Fields Fingerprint Learned by Deep Capsular Network. Journal of Chemical Information and Modeling, 2020, 60, 2754-2765. | 5.4 | 9 |
| 15 | Privileged Scaffold Analysis of Natural Products with Deep Learningâ€based Indication Prediction Model. Molecular Informatics, 2020, 39, e2000057. | 2.5 | 10 |
| 16 | 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. European Journal of Medicinal Chemistry, 2020, 201, 112445. | 5.5 | 17 |
| 17 | Pose Filter-Based Ensemble Learning Enables Discovery of Orally Active, Nonsteroidal Farnesoid X Receptor Agonists. Journal of Chemical Information and Modeling, 2020, 60, 1202-1214. | 5.4 | 7 |
| 18 | Functional Characterization and Structural Basis of an Efficient Di-C-glycosyltransferase from Glycyrrhiza glabra. Journal of the American Chemical Society, 2020, 142, 3506-3512. | 13.7 | 76 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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. Journal of Medicinal Chemistry, 2019, 62, 6645-6664. | 6.4 | 38 |
| 20 | Direct Gating of the TRPM2 Channel by cADPR via Specific Interactions with the ADPR Binding Pocket. Cell Reports, 2019, 27, 3684-3695.e4. | 6.4 | 45 |
| 21 | Discovery of novel glycogen synthase kinase-3Î± inhibitors: Structure-based virtual screening, preliminary SAR and biological evaluation for treatment of acute myeloid leukemia. European Journal of Medicinal Chemistry, 2019, 171, 221-234. | 5.5 | 19 |
| 22 | Graph-based generative models for de Novo drug design. Drug Discovery Today: Technologies, 2019, 32-33, 45-53. | 4.0 | 15 |
| 23 | Unravel a neuroactive sHA sulfation pattern with neurogenesis activity by a library of defined oligosaccharides. European Journal of Medicinal Chemistry, 2019, 163, 583-596. | 5.5 | 8 |
| 24 | Design, synthesis and biological activities of 2,3-dihydroquinazolin-4(1H)-one derivatives as TRPM2 inhibitors. European Journal of Medicinal Chemistry, 2018, 152, 235-252. | 5.5 | 29 |
| 25 | Discovery of new GSK-3Î² inhibitors through structure-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 160-166. | 2.2 | 19 |
| 26 | 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. PLoS ONE, 2018, 13, e0205175. | 2.5 | 16 |
| 27 | Multi-objective de novo drug design with conditional graph generative model. Journal of Cheminformatics, 2018, 10, 33. | 6.1 | 193 |
| 28 | Identification of the ADPR binding pocket in the NUDT9 homology domain of TRPM2. Journal of General Physiology, 2017, 149, 219-235. | 1.9 | 49 |
| 29 | An Unbiased Method To Build Benchmarking Sets for Ligand-Based Virtual Screening and its Application To GPCRs. Journal of Chemical Information and Modeling, 2014, 54, 1433-1450. | 5.4 | 46 |