Min Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6328120/publications.pdf

Version: 2024-02-01

34	2,383	516710 16	395702 33
papers	citations	h-index	g-index

41	41	41	4776
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A high throughput screening assay for inhibitors of SARS-CoV-2 pseudotyped particle entry. SLAS Discovery, 2022, 27, 86-94.	2.7	16
2	Discovery of Small-Molecule VapC1 Nuclease Inhibitors by Virtual Screening and Scaffold Hopping from an Atomic Structure Revealing Proteinâ€“Protein Interactions with a Native VapB1 Inhibitor. Journal of Chemical Information and Modeling, 2022, 62, 1249-1258.	5.4	3
3	Virtual Screening for the Discovery of Microbiome Î²-Glucuronidase Inhibitors to Alleviate Cancer Drug Toxicity. Journal of Chemical Information and Modeling, 2022, , .	5.4	3
4	Graph Convolutional Network-Based Screening Strategy for Rapid Identification of SARS-CoV-2 Cell-Entry Inhibitors. Journal of Chemical Information and Modeling, 2022, 62, 1988-1997.	5.4	1
5	Suite of TMPRSS2 Assays for Screening Drug Repurposing Candidates as Potential Treatments of COVID-19. ACS Infectious Diseases, 2022, 8, 1191-1203.	3.8	4
6	The SARS-CoV-2 Cytopathic Effect Is Blocked by Lysosome Alkalizing Small Molecules. ACS Infectious Diseases, 2021, 7, 1389-1408.	3.8	74
7	Synergistic inhibition of SARS-CoV-2 cell entry by otamixaban and covalent protease inhibitors: pre-clinical assessment of pharmacological and molecular properties. Chemical Science, 2021, 12, 12600-12609.	7.4	11
8	Discovery of TMPRSS2 Inhibitors from Virtual Screening as a Potential Treatment of COVID-19. ACS Pharmacology and Translational Science, 2021, 4, 1124-1135.	4.9	40
9	Discovery and Optimization of 2H-1Î»²-Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. Journal of Medicinal Chemistry, 2021, 64, 4913-4946.	6.4	12
10	Application of niclosamide and analogs as small molecule inhibitors of Zika virus and SARS-CoV-2 infection. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127906.	2.2	15
11	Identification of SARS-CoV-2 viral entry inhibitors using machine learning and cell-based pseudotyped particle assay. Bioorganic and Medicinal Chemistry, 2021, 38, 116119.	3.0	8
12	Human GPR17 missense variants identified in metabolic disease patients have distinct downstream signaling profiles. Journal of Biological Chemistry, 2021, 297, 100881.	3.4	3
13	Discovery of Small Molecule Entry Inhibitors Targeting the Fusion Peptide of SARS-CoV-2 Spike Protein. ACS Medicinal Chemistry Letters, 2021, 12, 1267-1274.	2.8	16
14	Structure-Based Optimization of Small Molecule Human Galactokinase Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 13551-13571.	6.4	2
15	Hybrid In Silico Approach Reveals Novel Inhibitors of Multiple SARS-CoV-2 Variants. ACS Pharmacology and Translational Science, 2021, 4, 1675-1688.	4.9	6
16	Heparan sulfate assists SARS-CoV-2 in cell entry and can be targeted by approved drugs in vitro. Cell Discovery, 2020, 6, 80.	6.7	172
17	Identifying SARS-CoV-2 Entry Inhibitors through Drug Repurposing Screens of SARS-S and MERS-S Pseudotyped Particles. ACS Pharmacology and Translational Science, 2020, 3, 1165-1175.	4.9	94
18	Identification of SARS-CoV-2 3CL Protease Inhibitors by a Quantitative High-Throughput Screening. ACS Pharmacology and Translational Science, 2020, 3, 1008-1016.	4.9	162

#	Article	IF	Citations
19	An Enzymatic TMPRSS2 Assay for Assessment of Clinical Candidates and Discovery of Inhibitors as Potential Treatment of COVID-19. ACS Pharmacology and Translational Science, 2020, 3, 997-1007.	4.9	95
20	Remdesivir: A Review of Its Discovery and Development Leading to Emergency Use Authorization for Treatment of COVID-19. ACS Central Science, 2020, 6, 672-683.	11.3	684
21	Predictive models for estimating cytotoxicity on the basis of chemical structures. Bioorganic and Medicinal Chemistry, 2020, 28, 115422.	3.0	16
22	Physiologically relevant orthogonal assays for the discovery of small-molecule modulators of WIP1 phosphatase in high-throughput screens. Journal of Biological Chemistry, 2019, 294, 17654-17668.	3.4	6
23	Discovery of novel inhibitors of human galactokinase by virtual screening. Journal of Computer-Aided Molecular Design, 2019, 33, 405-417.	2.9	14
24	Discovery and optimization of piperazine-1-thiourea-based human phosphoglycerate dehydrogenase inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 1727-1739.	3.0	23
25	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
26	Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. Scientific Reports, 2017, 7, 12758.	3.3	59
27	Carfilzomib is an effective anticancer agent in anaplastic thyroid cancer. Endocrine-Related Cancer, 2015, 22, 319-329.	3.1	28
28	Small molecule inhibition of group I p21-activated kinases in breast cancer induces apoptosis and potentiates the activity of microtubule stabilizing agents. Breast Cancer Research, 2015, 17, 59.	5.0	61
29	Structure activity relationships of human galactokinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 721-727.	2.2	20
30	Quantitative high throughput screening using a primary human three-dimensional organotypic culture predicts in vivo efficacy. Nature Communications, 2015, 6, 6220.	12.8	168
31	Circulating immune/inflammation markers in Chinese workers occupationally exposed to formaldehyde. Carcinogenesis, 2015, 36, 852-857.	2.8	14
32	Drug-based modulation of endogenous stem cells promotes functional remyelination in vivo. Nature, 2015, 522, 216-220.	27.8	336
33	Identification of ML251, a Potent Inhibitor of T. brucei and T. cruzi Phosphofructokinase. ACS Medicinal Chemistry Letters, 2014, 5, 12-17.	2.8	27
34	Inside Cover: A Highly Potent and Selective Caspaseâ€...1 Inhibitor that Utilizes a Key 3-Cyanopropanoic Acid Moiety (ChemMedChem 5/2010). ChemMedChem, 2010, 5, 634-634.	3.2	0