Daniel H Foil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7426314/publications.pdf

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23	628	623188	676716
papers	citations	14 h-index	22 g-index

26	26	26	832
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DÃ©jÃ vu: Stimulating open drug discovery for SARS-CoV-2. Drug Discovery Today, 2020, 25, 928-941.	3.2	81
2	Imaging the Unimaginable: Desorption Electrospray Ionization â€“ Imaging Mass Spectrometry (DESI-IMS) in Natural Product Research. Planta Medica, 2018, 84, 584-593.	0.7	72
3	Comparing Machine Learning Algorithms for Predicting Drug-Induced Liver Injury (DILI). Molecular Pharmaceutics, 2020, 17, 2628-2637.	2.3	55
4	A Mass Spectrometry-Based Assay for Improved Quantitative Measurements of Efflux Pump Inhibition. PLoS ONE, 2015, 10, e0124814.	1.1	53
5	Quantum Machine Learning Algorithms for Drug Discovery Applications. Journal of Chemical Information and Modeling, 2021, 61, 2641-2647.	2.5	42
6	Machine Learning Models Identify Inhibitors of SARS-CoV-2. Journal of Chemical Information and Modeling, 2021, 61, 4224-4235.	2.5	31
7	Secondary metabolites from the leaves of the medicinal plant goldenseal (Hydrastis canadensis). Phytochemistry Letters, 2017, 20, 54-60.	0.6	29
8	Machine Learning Models for Estrogen Receptor Bioactivity and Endocrine Disruption Prediction. Environmental Science & Technology, 2020, 54, 12202-12213.	4.6	28
9	Synergistic drug combinations and machine learning for drug repurposing in chordoma. Scientific Reports, 2020, 10, 12982.	1.6	27
10	Bioactivity Comparison across Multiple Machine Learning Algorithms Using over 5000 Datasets for Drug Discovery. Molecular Pharmaceutics, 2021, 18, 403-415.	2.3	25
11	Synthesis of poly(1,2-glycerol carbonate)â€“paclitaxel conjugates and their utility as a single high-dose replacement for multi-dose treatment regimens in peritoneal cancer. Chemical Science, 2017, 8, 8443-8450.	3.7	23
12	Machine Learning for Discovery of GSK3Î² Inhibitors. ACS Omega, 2020, 5, 26551-26561.	1.6	22
13	Repurposing PyramaxÂ®, quinacrine and tilorone as treatments for Ebola virus disease. Antiviral Research, 2020, 182, 104908.	1.9	20
14	A Machine Learning Strategy for Drug Discovery Identifies Anti-Schistosomal Small Molecules. ACS Infectious Diseases, 2021, 7, 406-420.	1.8	18
15	Comparison of Machine Learning Models for the Androgen Receptor. Environmental Science & Technology, 2020, 54, 13690-13700.	4.6	17
16	Development of Machine Learning Models and the Discovery of a New Antiviral Compound against Yellow Fever Virus. Journal of Chemical Information and Modeling, 2021, 61, 3804-3813.	2.5	16
17	Evaluation of Assay Central Machine Learning Models for Rat Acute Oral Toxicity Prediction. ACS Sustainable Chemistry and Engineering, 2020, 8, 16020-16027.	3.2	15
18	Predicting Drug Interactions with Human Equilibrative Nucleoside Transporters 1 and 2 Using Functional Knockout Cell Lines and Bayesian Modeling. Molecular Pharmacology, 2021, 99, 147-162.	1.0	15

#	Article	IF	Citations
19	The Antiviral Drug Tilorone Is a Potent and Selective Inhibitor of Acetylcholinesterase. Chemical Research in Toxicology, 2021, 34, 1296-1307.	1.7	15
20	Using Bibliometric Analysis and Machine Learning to Identify Compounds Binding to Sialidase-1. ACS Omega, 2021, 6, 3186-3193.	1.6	11
21	Bacterial efflux inhibitors are widely distributed in land plants. Journal of Ethnopharmacology, 2021, 267, 113533.	2.0	7
22	Comparing Machine Learning Models for Aromatase (P450 19A1). Environmental Science & Technology, 2020, 54, 15546-15555.	4.6	5
23	Using machine learning to identify chaperones for sialidosis. Molecular Genetics and Metabolism, 2020, 129, S90-S91.	0.5	0