

Pravin Ambure

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,098
citations

393982

19
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

1778
citing authors

#	ARTICLE	IF	CITATIONS
1	Be aware of error measures. Further studies on validation of predictive QSAR models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 152, 18-33.	1.8	536
2	On a simple approach for determining applicability domain of QSAR models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 145, 22-29.	1.8	534
3	“NanoBRIDGES”-software: Open access tools to perform QSAR and nano-QSAR modeling. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 147, 1-13.	1.8	129
4	How important is to detect systematic error in predictions and understand statistical applicability domain of QSAR models?. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 162, 44-54.	1.8	120
5	Is it possible to improve the quality of predictions from an “intelligent”-use of multiple QSAR/QSPR/QSTR models?. <i>Journal of Chemometrics</i> , 2018, 32, e2992.	0.7	90
6	How Precise Are Our Quantitative Structure-Activity Relationship Derived Predictions for New Query Chemicals?. <i>ACS Omega</i> , 2018, 3, 11392-11406.	1.6	88
7	QSAR-Co: An Open Source Software for Developing Robust Multitasking or Multitarget Classification-Based QSAR Models. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2538-2544.	2.5	73
8	The “double cross-validation”-software tool for MLR QSAR model development. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 159, 108-126.	1.8	72
9	Pharmacophore mapping-based virtual screening followed by molecular docking studies in search of potential acetylcholinesterase inhibitors as anti-Alzheimer's agents. <i>BioSystems</i> , 2014, 116, 10-20.	0.9	64
10	Identifying natural compounds as multi-target-directed ligands against Alzheimer's disease: an in silico approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 1282-1306.	2.0	60
11	In vitro evaluation and in silico screening of synthetic acetylcholinesterase inhibitors bearing functionalized piperidine pharmacophores. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4567-4575.	1.4	50
12	Prediction reliability of QSAR models: an overview of various validation tools. <i>Archives of Toxicology</i> , 2022, 96, 1279-1295.	1.9	49
13	New Workflow for QSAR Model Development from Small Data Sets: Small Dataset Curator and Small Dataset Modeler. Integration of Data Curation, Exhaustive Double Cross-Validation, and a Set of Optimal Model Selection Techniques. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4070-4076.	2.5	46
14	Understanding the structural requirements of cyclic sulfone hydroxyethylamines as hBACE1 inhibitors against A β plaques in Alzheimer's disease: a predictive QSAR approach. <i>RSC Advances</i> , 2016, 6, 28171-28186.	1.7	29
15	3D-QSAR and molecular docking analysis of biphenyl amide derivatives as p38 β mitogen-activated protein kinase inhibitors. <i>Molecular Diversity</i> , 2012, 16, 377-388.	2.1	27
16	Exploration of synthetic antioxidant flavonoid analogs as acetylcholinesterase inhibitors: an approach towards finding their quantitative structure-activity relationship. <i>Medicinal Chemistry Research</i> , 2019, 28, 723-741.	1.1	23
17	Turning deep-eutectic solvents into value-added products for CO ₂ capture: A desirability-based virtual screening study. <i>Journal of CO₂ Utilization</i> , 2022, 58, 101926.	3.3	23
18	Exploring structural requirements of leads for improving activity and selectivity against CDK5/p25 in Alzheimer's disease: an in silico approach. <i>RSC Advances</i> , 2014, 4, 6702-6709.	1.7	22

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19	Advances in quantitative structure-activity relationship models of anti-Alzheimer's agents. Expert Opinion on Drug Discovery, 2014, 9, 697-723.	2.5	20
20	CADD Modeling of Multi-Target Drugs Against Alzheimer's Disease. Current Drug Targets, 2017, 18, 522-533.	1.0	17
21	Exploring Structural Requirements of Imaging Agents Against A β Plaques in Alzheimer's Disease: A QSAR Approach. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 411-419.	0.6	7
22	Cytotoxic and Antioxidant Activity of a Set of Hetero Bicyclic Methylthiadiazole Hydrazones: A Structure-Activity Study. International Journal of Molecular and Cellular Medicine, 2015, 4, 128-37.	1.1	7
23	Development of Generalized QSAR Models for Predicting Cytotoxicity and Genotoxicity of Metal Oxides Nanoparticles. International Journal of Quantitative Structure-Property Relationships, 2020, 5, 83-100.	1.1	6
24	Importance of Data Curation in QSAR Studies Especially While Modeling Large-Size Datasets. Methods in Pharmacology and Toxicology, 2020, , 97-109.	0.1	6