

Tiejun Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4543481/publications.pdf>

Version: 2024-02-01

35
papers

7,933
citations

304368

22
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

10746
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Reactome and PubChem: The Plant Pathway and (Bio)Chemical Entity Knowledgebases. <i>Methods in Molecular Biology</i> , 2022, 2443, 511-525.	0.4	7
2	PubChem Protein, Gene, Pathway, and Taxonomy Data Collections: Bridging Biology and Chemistry through Target-Centric Views of PubChem Data. <i>Journal of Molecular Biology</i> , 2022, 434, 167514.	2.0	26
3	iCn3D: From Web-Based 3D Viewer to Structural Analysis Tool in Batch Mode. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 831740.	1.6	26
4	Studying the Parkinson's disease metabolome and exposome in biological samples through different analytical and cheminformatics approaches: a pilot study. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 7399-7419.	1.9	12
5	PubChem in 2021: new data content and improved web interfaces. <i>Nucleic Acids Research</i> , 2021, 49, D1388-D1395.	6.5	2,146
6	Discovering and Summarizing Relationships Between Chemicals, Genes, Proteins, and Diseases in PubChem. <i>Frontiers in Research Metrics and Analytics</i> , 2021, 6, 689059.	0.9	14
7	Enhancing the interoperability of glycan data flow between ChEBI, PubChem, and GlyGen. <i>Glycobiology</i> , 2021, , .	1.3	2
8	Plant Reactome: a knowledgebase and resource for comparative pathway analysis. <i>Nucleic Acids Research</i> , 2020, 48, D1093-D1103.	6.5	44
9	PUG-View: programmatic access to chemical annotations integrated in PubChem. <i>Journal of Cheminformatics</i> , 2019, 11, 56.	2.8	23
10	PubChem 2019 update: improved access to chemical data. <i>Nucleic Acids Research</i> , 2019, 47, D1102-D1109.	6.5	2,217
11	An update on PUG-REST: RESTful interface for programmatic access to PubChem. <i>Nucleic Acids Research</i> , 2018, 46, W563-W570.	6.5	69
12	PubChem BioAssay: 2017 update. <i>Nucleic Acids Research</i> , 2017, 45, D955-D963.	6.5	398
13	PubChem BioAssay: A Decade's Development toward Open High-Throughput Screening Data Sharing. <i>SLAS Discovery</i> , 2017, 22, 655-666.	1.4	38
14	Predicting drug-drug interactions through drug structural similarities and interaction networks incorporating pharmacokinetics and pharmacodynamics knowledge. <i>Journal of Cheminformatics</i> , 2017, 9, 16.	2.8	82
15	Large-Scale Prediction of Drug-Target Interaction: a Data-Centric Review. <i>AAPS Journal</i> , 2017, 19, 1264-1275.	2.2	39
16	Supporting precision medicine by data mining across multi-disciplines: an integrative approach for generating comprehensive linkages between single nucleotide variants (SNVs) and drug-binding sites. <i>Bioinformatics</i> , 2017, 33, 1621-1629.	1.8	11
17	Literature information in PubChem: associations between PubChem records and scientific articles. <i>Journal of Cheminformatics</i> , 2016, 8, 32.	2.8	58
18	PubChem BioAssay: 2014 update. <i>Nucleic Acids Research</i> , 2014, 42, D1075-D1082.	6.5	250

#	ARTICLE	IF	CITATIONS
19	Pathway Analysis for Drug Repositioning Based on Public Database Mining. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 407-418.	2.5	40
20	PubChem applications in drug discovery: a bibliometric analysis. <i>Drug Discovery Today</i> , 2014, 19, 1751-1756.	3.2	53
21	Web search and data mining of natural products and their bioactivities in PubChem. <i>Science China Chemistry</i> , 2013, 56, 1424-1435.	4.2	15
22	FSelector: a Ruby gem for feature selection. <i>Bioinformatics</i> , 2012, 28, 2851-2852.	1.8	48
23	Structure-Based Virtual Screening for Drug Discovery: a Problem-Centric Review. <i>AAPS Journal</i> , 2012, 14, 133-141.	2.2	461
24	An Empirical Additive Model for Aqueous Solubility Computation: Success and Limitations. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2012, 28, 2249-2257.	2.2	5
25	Identifying Compound-Target Associations by Combining Bioactivity Profile Similarity Search and Public Databases Mining. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 2440-2448.	2.5	71
26	Binary Classification of Aqueous Solubility Using Support Vector Machines with Reduction and Recombination Feature Selection. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 229-236.	2.5	47
27	A knowledge-guided strategy for improving the accuracy of scoring functions in binding affinity prediction. <i>BMC Bioinformatics</i> , 2010, 11, 193.	1.2	18
28	PubChem as a public resource for drug discovery. <i>Drug Discovery Today</i> , 2010, 15, 1052-1057.	3.2	308
29	Evaluation of the performance of four molecular docking programs on a diverse set of protein-ligand complexes. <i>Journal of Computational Chemistry</i> , 2010, 31, 2109-2125.	1.5	277
30	Investigating the correlations among the chemical structures, bioactivity profiles and molecular targets of small molecules. <i>Bioinformatics</i> , 2010, 26, 2881-2888.	1.8	26
31	Comparative Assessment of Scoring Functions on a Diverse Test Set. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 1079-1093.	2.5	444
32	Computation of Octanol-Water Partition Coefficients by Guiding an Additive Model with Knowledge. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 2140-2148.	2.5	601
33	Automatic Perception of Organic Molecules Based on Essential Structural Information. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 1379-1385.	2.5	37
34	I-SOLV: A new surface-based empirical model for computing solvation free energies. <i>Journal of Molecular Graphics and Modelling</i> , 2007, 26, 368-377.	1.3	3
35	Total Synthesis of Clavepictines A and B and Pictamine. <i>Organic Letters</i> , 2006, 8, 3179-3182.	2.4	17