

# Dachuan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8362463/publications.pdf>

Version: 2024-02-01

16  
papers

872  
citations

1478505

6  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	CDD: a conserved domain database for interactive domain family analysis. <i>Nucleic Acids Research</i> , 2007, 35, D237-D240.	14.5	744
2	novoPathFinder: a webserver of designing novel-pathway with integrating GEM-model. <i>Nucleic Acids Research</i> , 2020, 48, W477-W487.	14.5	28
3	AdditiveChem: A comprehensive bioinformatics knowledge-base for food additive chemicals. <i>Food Chemistry</i> , 2020, 308, 125519.	8.2	20
4	FRCD: A comprehensive food risk component database with molecular scaffold, chemical diversity, toxicity, and biodegradability analysis. <i>Food Chemistry</i> , 2020, 318, 126470.	8.2	19
5	FADB-China: A molecular-level food adulteration database in China based on molecular fingerprints and similarity algorithms prediction expansion. <i>Food Chemistry</i> , 2020, 327, 127010.	8.2	16
6	BCSEplorer: a customized biosynthetic chemical space explorer with multifunctional objective function analysis. <i>Bioinformatics</i> , 2020, 36, 1642-1643.	4.1	9
7	A data-driven integrative platform for computational prediction of toxin biotransformation with a case study. <i>Journal of Hazardous Materials</i> , 2021, 408, 124810.	12.4	7
8	SynBioStrainFinder: A microbial strain database of manually curated CRISPR/Cas genetic manipulation system information for biomanufacturing. <i>Microbial Cell Factories</i> , 2022, 21, 87.	4.0	7
9	EnzyMine: a comprehensive database for enzyme function annotation with enzymatic reaction chemical feature. <i>Database: the Journal of Biological Databases and Curation</i> , 2023, 2023, .	3.0	6
10	CF-Targeter: A Rational Biological Cell Factory Targeting Platform for Biosynthetic Target Chemicals. <i>ACS Synthetic Biology</i> , 2019, 8, 2280-2286.	3.8	4
11	ChemHub: a knowledgebase of functional chemicals for synthetic biology studies. <i>Bioinformatics</i> , 2021, 37, 4275-4276.	4.1	3
12	AddictedChem: A Data-Driven Integrated Platform for New Psychoactive Substance Identification. <i>Molecules</i> , 2022, 27, 3931.	3.8	3
13	RxnBLAST: molecular scaffold and reactive chemical environment feature extractor for biochemical reactions. <i>Bioinformatics</i> , 2020, 36, 2946-2947.	4.1	2
14	SARS2020: an integrated platform for identification of novel coronavirus by a consensus sequence-function model. <i>Bioinformatics</i> , 2021, 37, 1182-1183.	4.1	2
15	Transcriptor: a comprehensive platform for annotation of the enzymatic functions of transcripts. <i>Bioinformatics</i> , 2021, 37, 434-435.	4.1	1
16	Development of 3D-QSAR models for predicting the activities of chemicals to stimulate muscle growth via $\beta$ 2-adrenoceptor. <i>Toxicology in Vitro</i> , 2021, 77, 105251.	2.4	1