

Wei Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2803289/publications.pdf>

Version: 2024-02-01

29
papers

7,798
citations

516710

16
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

13162
citing authors

#	ARTICLE	IF	CITATIONS
1	COBREXAJl: constraint-based reconstruction and exascale analysis. <i>Bioinformatics</i> , 2022, 38, 1171-1172.	4.1	2
2	Selection of data sets for FAIRification in drug discovery and development: Which, why, and how?. <i>Drug Discovery Today</i> , 2022, 27, 2080-2085.	6.4	8
3	Road to effective data curation for translational research. <i>Drug Discovery Today</i> , 2021, 26, 626-630.	6.4	8
4	Cardiovascular RNA markers and artificial intelligence may improve COVID-19 outcome: a position paper from the EU-CardioRNA COST Action CA17129. <i>Cardiovascular Research</i> , 2021, 117, 1823-1840.	3.8	17
5	PredictProtein - Predicting Protein Structure and Function for 29 Years. <i>Nucleic Acids Research</i> , 2021, 49, W535-W540.	14.5	135
6	A rare loss-of-function variant of ADAM17 is associated with late-onset familial Alzheimer disease. <i>Molecular Psychiatry</i> , 2020, 25, 629-639.	7.9	42
7	Data and knowledge management in translational research: implementation of the eTRIKS platform for the IMI OncoTrack consortium. <i>BMC Bioinformatics</i> , 2019, 20, 164.	2.6	5
8	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	21.4	1,962
9	Presenting and sharing clinical data using the eTRIKS Standards Master Tree for transSMART. <i>Bioinformatics</i> , 2019, 35, 1562-1565.	4.1	0
10	Fractalis: a scalable open-source service for platform-independent interactive visual analysis of biomedical data. <i>GigaScience</i> , 2018, 7, .	6.4	3
11	SmartR: an open-source platform for interactive visual analytics for translational research data. <i>Bioinformatics</i> , 2017, 33, 2229-2231.	4.1	18
12	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	21.4	783
13	The miRNome of Alzheimer's disease: consistent downregulation of the miR-132/212 cluster. <i>Neurobiology of Aging</i> , 2017, 50, 167.e1-167.e10.	3.1	86
14	[P2 α 108]: IDENTIFICATION OF A RARE GENE VARIANT THAT IS ASSOCIATED WITH FAMILIAL ALZHEIMER DISEASE AND REGULATES APP EXPRESSION. <i>Alzheimer's and Dementia</i> , 2017, 13, P648.	0.8	0
15	Integration and Visualization of Translational Medicine Data for Better Understanding of Human Diseases. <i>Big Data</i> , 2016, 4, 97-108.	3.4	41
16	Amyloid- β Protein Precursor Cleavage Products in Postmortem Ventricular Cerebrospinal Fluid of Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 365-372.	2.6	3
17	Frontotemporal dementia and its subtypes: a genome-wide association study. <i>Lancet Neurology</i> , The, 2014, 13, 686-699.	10.2	302
18	Gene-Wide Analysis Detects Two New Susceptibility Genes for Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e94661.	2.5	155

#	ARTICLE	IF	CITATIONS
19	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013, 45, 1452-1458.	21.4	3,741
20	Hydrogen-Bonded Networks Along and Bifurcation of the E-Pathway in Quinol:Fumarate Reductase. <i>Biophysical Journal</i> , 2012, 103, 1305-1314.	0.5	8
21	Adhesive water networks facilitate binding of protein interfaces. <i>Nature Communications</i> , 2011, 2, 261.	12.8	132
22	Carbon Nanotube Wins the Competitive Binding over Proline-Rich Motif Ligand on SH3 Domain. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12322-12328.	3.1	56
23	Design of a Gated Molecular Proton Channel. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 768-771.	13.8	11
24	Atomistic Simulation of Water Percolation and Proton Hopping in Nafion Fuel Cell Membrane. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13681-13690.	2.6	125
25	Mechanism of Fast Peptide Recognition by SH3 Domains. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7626-7630.	13.8	86
26	Dynamic Protonation Equilibrium of Solvated Acetic Acid. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2939-2943.	13.8	17
27	Different Protonation Equilibria of 4-Methylimidazole and Acetic Acid. <i>ChemPhysChem</i> , 2007, 8, 2445-2451.	2.1	6
28	Dynamical binding of proline-rich peptides to their recognition domains. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1754, 232-238.	2.3	15
29	Solvation Free Energies and Transfer Free Energies for Amino Acids from Hydrophobic Solution to Water Solution from a Very Simple Residue Model. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5806-5814.	2.6	31