

Guanghong Zuo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6138954/publications.pdf>

Version: 2024-02-01

27
papers

1,356
citations

566801

15
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable Liquid Water Droplet on a Water Monolayer Formed at Room Temperature on Ionic Model Substrates. <i>Physical Review Letters</i> , 2009, 103, 137801.	2.9	238
2	CVTree3 Web Server for Whole-genome-based and Alignment-free Prokaryotic Phylogeny and Taxonomy. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 321-331.	3.0	185
3	Adsorption of Villin Headpiece onto Graphene, Carbon Nanotube, and C60: Effect of Contacting Surface Curvatures on Binding Affinity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23323-23328.	1.5	181
4	Plugging into Proteins: Poisoning Protein Function by a Hydrophobic Nanoparticle. <i>ACS Nano</i> , 2010, 4, 7508-7514.	7.3	168
5	Interactions Between Proteins and Carbon-Based Nanoparticles: Exploring the Origin of Nanotoxicity at the Molecular Level. <i>Small</i> , 2013, 9, 1546-1556.	5.2	132
6	Folding with downhill behavior and low cooperativity of proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 63, 165-173.	1.5	64
7	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.	1.5	56
8	Protein folding simulations: From coarse-grained model to all-atom model. <i>IUBMB Life</i> , 2009, 61, 627-643.	1.5	55
9	<i>Shigella</i> Strains Are Not Clones of <i>Escherichia Coli</i> but Sister Species in the Genus <i>Escherichia</i> . <i>Genomics, Proteomics and Bioinformatics</i> , 2013, 11, 61-65.	3.0	52
10	Effect of the ordered water on protein folding: An off-lattice GÅ-like model study. <i>Physical Review E</i> , 2009, 79, 031925.	0.8	26
11	Folding of a Small RNA Hairpin Based on Simulation with Replica Exchange Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5835-5839.	1.2	26
12	Jackknife and Bootstrap Tests of the Composition Vector Trees. <i>Genomics, Proteomics and Bioinformatics</i> , 2010, 8, 262-267.	3.0	26
13	Phylogeny and Taxonomy of Archaea: A Comparison of the Whole-Genome-Based CVTree Approach with 16S rRNA Sequence Analysis. <i>Life</i> , 2015, 5, 949-968.	1.1	26
14	Aggregated Gas Molecules: Toxic to Protein?. <i>Scientific Reports</i> , 2013, 3, 1660.	1.6	24
15	CVTree: A Parallel Alignment-free Phylogeny and Taxonomy Tool Based on Composition Vectors of Genomes. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 662-667.	3.0	24
16	On K-peptide length in composition vector phylogeny of prokaryotes. <i>Computational Biology and Chemistry</i> , 2014, 53, 166-173.	1.1	16
17	Binding Preference of Carbon Nanotube Over Proline-Rich Motif Ligand on SH3-Domain: A Comparison with Different Force Fields. <i>Journal of Physical Chemistry B</i> , 2013, 117, 3541-3547.	1.2	14
18	Polyphyly in 16S rRNA-based LVTREE Versus Monophyly in Whole-genome-based CVTree. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 310-319.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Conformational Changes of the Protein Domains Upon Binding with Carbon Nanotubes Studied by Molecular Dynamics Simulations. <i>Current Physical Chemistry</i> , 2012, 2, 12-22.	0.1	7
20	Geographic divergence of <i>Sulfolobus islandicus</i> strains assessed by genomic analyses including electronic DNA hybridization confirms they are geovars. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 431-435.	0.7	6
21	Whole-genome-based phylogeny supports the objections against the reclassification of <i>Eubacterium rectale</i> to <i>Agathobacter rectalis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2451-2451.	0.8	6
22	Effect of solvation-related interaction on the low-temperature dynamics of proteins. <i>Physical Review E</i> , 2010, 81, 031917.	0.8	5
23	On monospecific genera in prokaryotic taxonomy. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 226-235.	1.8	5
24	LVTree Viewer: An Interactive Display for the All-Species Living Tree Incorporating Automatic Comparison with Prokaryotic Systematics. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 94-102.	3.0	3
25	Nanotoxicity: Exploring the Interactions Between Carbon Nanotubes and Proteins. , 2011, , .		2
26	Whole-Genome-Based Phylogeny and Taxonomy for Prokaryotes. , 2017, , .		1
27	EspcTM: Kinetic Transition Network Based on Trajectory Mapping in Effective Energy Rescaling Space. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 589718.	1.6	0