

Shuangye Yin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3726348/publications.pdf>

Version: 2024-02-01

32
papers

3,432
citations

257101

24
h-index

433756

31
g-index

39
all docs

39
docs citations

39
times ranked

5772
citing authors

#	ARTICLE	IF	CITATIONS
1	Assemblathon 2: evaluating de novo methods of genome assembly in three vertebrate species. <i>GigaScience</i> , 2013, 2, 10.	3.3	582
2	Assemblathon 1: A competitive assessment of de novo short read assembly methods. <i>Genome Research</i> , 2011, 21, 2224-2241.	2.4	443
3	Eris: an automated estimator of protein stability. <i>Nature Methods</i> , 2007, 4, 466-467.	9.0	355
4	Comprehensive variation discovery in single human genomes. <i>Nature Genetics</i> , 2014, 46, 1350-1355.	9.4	214
5	Finished bacterial genomes from shotgun sequence data. <i>Genome Research</i> , 2012, 22, 2270-2277.	2.4	205
6	Novel Structures and Properties of Gold Nanowires. <i>Physical Review Letters</i> , 2001, 86, 2046-2049.	2.9	186
7	MedusaScore: An Accurate Force Field-Based Scoring Function for Virtual Drug Screening. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1656-1662.	2.5	165
8	Magnetic Moments and Adiabatic Magnetization of Free Cobalt Clusters. <i>Physical Review Letters</i> , 2005, 95, 237209.	2.9	163
9	Modeling Backbone Flexibility Improves Protein Stability Estimation. <i>Structure</i> , 2007, 15, 1567-1576.	1.6	147
10	Ferroelectricity in Free Niobium Clusters. <i>Science</i> , 2003, 300, 1265-1269.	6.0	130
11	Protein folding: Then and now. <i>Archives of Biochemistry and Biophysics</i> , 2008, 469, 4-19.	1.4	88
12	Magnetic Enhancement in Cobalt-Manganese Alloy Clusters. <i>Physical Review Letters</i> , 2007, 98, 113401.	2.9	82
13	Rapid Flexible Docking Using a Stochastic Rotamer Library of Ligands. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 1623-1632.	2.5	80
14	Computational Design of a PAK1 Binding Protein. <i>Journal of Molecular Biology</i> , 2010, 400, 257-270.	2.0	69
15	A genetic algorithm study on the most stable disordered and ordered configurations of Au ₃₈ Ag ₅₅ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 267, 403-407.	0.9	61
16	Fast screening of protein surfaces using geometric invariant fingerprints. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16622-16626.	3.3	58
17	Spin Uncoupling in Free Nb Clusters: Support for Nascent Superconductivity. <i>Physical Review Letters</i> , 2004, 93, 086803.	2.9	54
18	Structures and electronic properties of ultrathin titanium nanowires. <i>Journal of Physics Condensed Matter</i> , 2001, 13, L403-L408.	0.7	53

#	ARTICLE	IF	CITATIONS
19	Measurement of magnetic moments of freeBiNMnMclusters. Physical Review B, 2005, 72, .	1.1	38
20	Cheminformatics Meets Molecular Mechanics: A Combined Application of Knowledge-Based Pose Scoring and Physical Force Field-Based Hit Scoring Functions Improves the Accuracy of Structure-Based Virtual Screening. Journal of Chemical Information and Modeling, 2012, 52, 16-28.	2.5	37
21	Metastability of Free Cobalt and Iron Clusters: A Possible Precursor to Bulk Ferromagnetism. Physical Review Letters, 2011, 107, 057203.	2.9	35
22	Discrete Molecular Dynamics Distinguishes Nativelike Binding Poses from Decoys in Difficult Targets. Biophysical Journal, 2012, 102, 144-151.	0.2	31
23	Structural Basis for μ -Opioid Receptor Binding and Activation. Structure, 2011, 19, 1683-1690.	1.6	30
24	Distribution of magnetization of a cold ferromagnetic cluster beam. Physical Review B, 2008, 78, .	1.1	29
25	Combined Application of Cheminformatics- and Physical Force Field-Based Scoring Functions Improves Binding Affinity Prediction for CSAR Data Sets. Journal of Chemical Information and Modeling, 2011, 51, 2027-2035.	2.5	23
26	Nonclassical dipoles in cold niobium clusters. Physical Review B, 2007, 75, .	1.1	18
27	Size dependent magnetic moments and electric polarizabilities of free Tb, Ho, and Tm clusters. Journal of Applied Physics, 2010, 107, .	1.1	15
28	Nanostructured films of Boron suboxide by pulsed laser deposition. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 268, 442-447.	0.9	12
29	Electron Pairing in Ferroelectric Niobium and Niobium Alloy Clusters. Journal of Superconductivity and Novel Magnetism, 2008, 21, 265-269.	0.8	12
30	Fingerprint-based structure retrieval using electron density. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1002-1009.	1.5	8
31	Computational Evaluation of Protein Stability Change upon Mutations. Methods in Molecular Biology, 2010, 634, 189-201.	0.4	7
32	Ferroelectricity in Free Niobium Clusters.. ChemInform, 2003, 34, no.	0.1	0