

Santanu Saha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1117552/publications.pdf>

Version: 2024-02-01

12
papers

1,540
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducibility in density functional theory calculations of solids. <i>Science</i> , 2016, 351, aad3000.	12.6	1,113
2	Interatomic potentials for ionic systems with density functional accuracy based on charge densities obtained by a neural network. <i>Physical Review B</i> , 2015, 92, .	3.2	179
3	The Elephant in the Room of Density Functional Theory Calculations. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1449-1457.	4.6	88
4	Preparation, structural and magnetic studies on BiFe _{1-x} Cr _x O ₃ (x = 0.0, 0.05 and 0.1) multiferroic nanoparticles. <i>AIP Advances</i> , 2013, 3, .	1.3	45
5	Characterization of individual molecular adsorption geometries by atomic force microscopy: Cu-TCP on rutile TiO ₂ (110). <i>Journal of Chemical Physics</i> , 2015, 143, 094202.	3.0	28
6	Stable structures of exohedrally decorated C ₆₀ -fullerenes. <i>Carbon</i> , 2018, 129, 847-853.	10.3	27
7	High-temperature conventional superconductivity in the boron-carbon system: Material trends. <i>Physical Review B</i> , 2020, 102, .	3.2	16
8	Metastable exohedrally decorated Borospherene B ₄₀ . <i>Scientific Reports</i> , 2017, 7, 7618.	3.3	15
9	Surface reconstruction of fluorites in vacuum and aqueous environment. <i>Physical Review Materials</i> , 2017, 1, .	2.4	15
10	Structure and Optical Properties of Small (TiO ₂) _n Nanoparticles, $n = 21 \text{--} 24$. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9528-9536.	3.1	7
11	Fused borophenes: A new family of superhard light-weight materials. <i>Physical Review Materials</i> , 2021, 5, .	2.4	5
12	Influence of an external electric field on the potential-energy surface of alkali-metal-decorated C ₆₀ . <i>Physical Review A</i> , 2018, 97, .	2.5	2