

Chao Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4541008/publications.pdf>

Version: 2024-02-01

10
papers

66
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and elemental evolution of polycrystalline $\hat{\pm}$ -SiC irradiated with ultra-high-fluence helium ions before and after annealing. <i>Fusion Engineering and Design</i> , 2020, 154, 111511.	1.9	16
2	A new carbon allotrope: T5-carbon. <i>Scripta Materialia</i> , 2020, 189, 72-77.	5.2	12
3	Recent progress on 2D materials-based artificial synapses. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2022, 47, 665-690.	12.3	11
4	Symmetry-guaranteed ideal Weyl semimetallic phase in face-centered orthogonal C6. <i>Physical Review B</i> , 2020, 101, .	3.2	7
5	Bct-C5: A new body-centered tetragonal carbon allotrope. <i>Diamond and Related Materials</i> , 2021, 119, 108571.	3.9	6
6	Molecular dynamics simulation of irradiation damage of SiC/Gra/SiC composites. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 406, 470-474.	1.4	5
7	Topological phase transition from T-carbon to bct-C ₁₆ . <i>New Journal of Physics</i> , 2020, 22, 073036.	2.9	5
8	Collision-induced fusion of two single-walled carbon nanotubes: A quantitative study. <i>Chemical Physics Letters</i> , 2016, 657, 184-189.	2.6	2
9	TD-carbon: A new face-centered cubic carbon allotrope. <i>Chemical Physics</i> , 2022, 555, 111458.	1.9	1
10	Irradiation-Induced Defects and Their Effects on the Electronic Structures in T-Carbon. <i>Journal of Physical Chemistry C</i> , 2021, 125, 28067-28074.	3.1	1