

Wei Shao

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

111
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-induced structure, elasticity, intrinsic hardness and ideal strength of tetragonal C ₄ N. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5171-5184.	2.8	5
2	Effects of substrate bias voltage on structure and internal stress of amorphous carbon films on $\hat{1}^3$ -Fe substrate: Molecular dynamics simulation. <i>Computational Materials Science</i> , 2021, 188, 110206.	3.0	6
3	Relationship between bonding characteristic and thermal property of amorphous carbon structure: Ab initio molecular dynamics study. <i>Diamond and Related Materials</i> , 2021, 111, 108211.	3.9	10
4	Adhesion property and bonding characteristic between TiN and 2D-MoS ₂ : A first-principles study. <i>Journal of Materials Research</i> , 2021, 36, 1990-2000.	2.6	3
5	Effects of Ti Doping on Structure and Internal Stress of Amorphous Carbon Films on the $\hat{1}^3$ -Fe Substrate: Molecular Dynamics Simulation. <i>Langmuir</i> , 2021, 37, 14072-14080.	3.5	7
6	Molecular dynamics simulation on deformation behavior of DLC films based on $\hat{1}^3$ -Fe/CrN matrix. <i>Materials Today Communications</i> , 2020, 25, 101460.	1.9	4
7	Mechanical and tribological behaviors of Ti-DLC films deposited on 304 stainless steel: Exploration with Ti doping from micro to macro. <i>Diamond and Related Materials</i> , 2020, 107, 107870.	3.9	61
8	Effects of carbide forming elements Me on residual stress and mechanical properties of DLC films by molecular dynamics simulation. <i>Materials Today Communications</i> , 2020, 23, 100946.	1.9	7
9	High-Temperature Sliding Friction Behavior of Amorphous Carbon Films: Molecular Dynamics Simulation. <i>Langmuir</i> , 2020, 36, 15319-15330.	3.5	8