Wei Shao

List of Publications by Year
in descending order

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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	Mechanical and tribological behaviors of Ti-DLC films deposited on 304 stainless steel: Exploration with Ti doping from micro to macro. Diamond and Related Materials, 2020, 107, 107870.	3.9	61
2	Relationship between bonding characteristic and thermal property of amorphous carbon structure: Ab initio molecular dynamics study. Diamond and Related Materials, 2021, 111, 108211.	3.9	10
3	High-Temperature Sliding Friction Behavior of Amorphous Carbon Films: Molecular Dynamics Simulation. Langmuir, 2020, 36, 15319-15330.	3.5	8
4	Effects of carbide forming elements Me on residual stress and mechanical properties of DLC films by molecular dynamics simulation. Materials Today Communications, 2020, 23, 100946.	1.9	7
5	Effects of Ti Doping on Structure and Internal Stress of Amorphous Carbon Films on the Î³-Fe Substrate: Molecular Dynamics Simulation. Langmuir, 2021, 37, 14072-14080.	3.5	7
6	Effects of substrate bias voltage on structure and internal stress of amorphous carbon films on Î³-Fe substrate: Molecular dynamics simulation. Computational Materials Science, 2021, 188, 110206.	3.0	6
7	Pressure-induced structure, elasticity, intrinsic hardness and ideal strength of tetragonal C₄N. Physical Chemistry Chemical Physics, 2022, 24, 5171-5184.	2.8	5
8	Molecular dynamics simulation on deformation behavior of DLC films based on Î³-Fe/CrN matrix. Materials Today Communications, 2020, 25, 101460.	1.9	4
9	Adhesion property and bonding characteristic between TiN and 2D-MoS2: A first-principles study. Journal of Materials Research, 2021, 36, 1990-2000.	2.6	3