

Jianjun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

140
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge Distribution View: Large Difference in Friction Performance Between Graphene and Hydrogenated Graphene Systems. Tribology Letters, 2014, 55, 405-412.	2.6	31
2	Comparative study of friction properties for hydrogen- and fluorine-modified diamond surfaces: A first-principles investigation. Surface Science, 2013, 608, 74-79.	1.9	30
3	Electronic, magnetic properties of 4d series transition metal substituted black phosphorene: A first-principles study. Applied Surface Science, 2019, 480, 802-809.	6.1	29
4	Tuning the electronic and magnetic properties of graphyne by hydrogenation. Applied Surface Science, 2018, 452, 181-189.	6.1	13
5	Sphere and cylinder contact mechanics during slip. Journal of the Mechanics and Physics of Solids, 2020, 143, 104094.	4.8	13
6	An atomic scale study of ultralow friction between phosphorus-doped nanocrystalline diamond films. Tribology International, 2015, 86, 85-90.	5.9	9
7	Role of lattice trapping for sliding friction. Europhysics Letters, 2020, 131, 24006.	2.0	5
8	The Flexible Lubrication Performance of Graphene Used in Diamond Interface as a Solid Lubricant: First-Principles Calculations. Nanomaterials, 2019, 9, 1784.	4.1	4
9	Cylinder“flat-surface contact mechanics during sliding. Physical Review E, 2020, 102, 043002.	2.1	3
10	Dependency of sliding friction for two-dimensional systems on electronegativity. Physical Review B, 2022, 105, .	3.2	3