

Jianjun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4386067/publications.pdf>

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