

Zhengfeng Jia

List of Publications by Year in descending order

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papers

673
citations

567281

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g-index

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all docs

30
docs citations

30
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and tribological properties of Cu/reduced graphene oxide composites. Tribology International, 2015, 88, 17-24.	5.9	94
2	Friction and wear behavior of diamond-like carbon coating on plasma nitrided mild steel under boundary lubrication. Tribology International, 2010, 43, 474-482.	5.9	60
3	Electrical and mechanical properties of poly(dopamine)-modified copper/reduced graphene oxide composites. Journal of Materials Science, 2017, 52, 11620-11629.	3.7	45
4	The Influences of Methyl Group at C2 Position in Imidazolium Ring on Tribological Properties. Tribology Letters, 2009, 36, 105-111.	2.6	44
5	Enhance supercapacitive performance of MnO ₂ /3D carbon nanotubes-graphene as a binder-free electrode. Journal of Alloys and Compounds, 2019, 787, 759-766.	5.5	42
6	Hydrothermal Synthesis, Characterization, and Tribological Behavior of Oleic Acid-Capped Lanthanum Borate with Different Morphologies. Tribology Letters, 2011, 41, 425-434.	2.6	41
7	Synthesis and wear behavior of oleic acid capped calcium borate/graphene oxide composites. Tribology International, 2015, 90, 240-247.	5.9	39
8	Tribological behaviors of diamond-like carbon coatings on plasma nitrided steel using three BN-containing lubricants. Applied Surface Science, 2009, 255, 6666-6674.	6.1	37
9	Improving supercapacitive performance of CNTs/NiCo ₂ S ₄ composites by interface regulation. Applied Surface Science, 2020, 530, 147317.	6.1	28
10	Tribological Behaviors of Different Diamond-Like Carbon Coatings on Nitrided Mild Steel Lubricated With Benzotriazole-Containing Borate Esters. Tribology Letters, 2011, 41, 247-256.	2.6	27
11	Microstructure and properties of in-situ TiC reinforced copper nanocomposites fabricated via long-term ball milling and hot pressing. Journal of Alloys and Compounds, 2018, 755, 24-28.	5.5	26
12	The synthesis and tribological properties of Ag/polydopamine nanocomposites as additives in poly-alpha-olefin. Tribology International, 2017, 114, 282-289.	5.9	22
13	Synthesis, characterization and tribological behaviors of hexagonal boron nitride/copper nanocomposites as lubricant additives. Tribology International, 2022, 165, 107312.	5.9	20
14	Microstructure and wear characteristics of in-situ micro/nanoscale niobium carbide reinforced copper composites fabricated through powder metallurgy. Materials Characterization, 2021, 172, 110847.	4.4	19
15	The Electrical conductivities and Tribological properties of Vacuum Hot-Pressed Cu/Reduced Graphene Oxide Composite. Journal of Materials Engineering and Performance, 2017, 26, 4434-4441.	2.5	17
16	Synthesis, Characterization, and Tribological Behavior of Oleic Acid Capped Graphene Oxide. Journal of Nanomaterials, 2014, 2014, 1-8.	2.7	16
17	Preparation and electrical properties of sintered copper powder compacts modified by polydopamine-derived carbon nanofilms. Journal of Materials Science, 2018, 53, 6562-6573.	3.7	16
18	Extremely Tough Hydrogels with Cotton Fibers Reinforced. Advanced Engineering Materials, 2020, 22, 2000508.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization and tribological behavior of oleic acid-capped core-shell lanthanum borate-SiO ₂ composites. <i>Industrial Lubrication and Tribology</i> , 2014, 66, 1-8.	1.3	10
20	Anchoring modified polystyrene to boron nitride nanosheets as highly thermal conductive composites for heat dissipation. <i>Polymer Composites</i> , 2022, 43, 1844-1851.	4.6	10
21	Synthesis, Characterization, and Tribological Behavior of Oleic Acid-Capped Calcium Borate Hydrate. <i>Tribology Transactions</i> , 2013, 56, 521-529.	2.0	9
22	Surface Defects Control for ZnO Nanorods Synthesized Through a Gas-Assisted Hydrothermal Process. <i>Journal of Electronic Materials</i> , 2017, 46, 432-438.	2.2	9
23	High-Performance Asymmetric Supercapacitors Based on the Ni _{1.5} Co _{1.5} S ₄ @CNTs Nanocomposites. <i>Nano</i> , 2020, 15, 2050136.	1.0	8
24	The Synthesis and Tribological Properties of Carbonized Polydopamine/Ag Composite Films. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 7213-7226.	2.5	7
25	Tribological properties of alkyl and hydroxyl groups on the imidazolium tetrafluoroborate ionic liquids. <i>Lubrication Science</i> , 2013, 25, 413-427.	2.1	6
26	Study on surface wetting property regulation of greenhouse film and its antifogging performance. <i>Journal of Coatings Technology Research</i> , 2022, 19, 1199-1209.	2.5	4
27	Structural, electrochemical and mechanical studies of ultrasonic irradiation enhanced electroplating Ni coating. <i>Anti-Corrosion Methods and Materials</i> , 2018, 65, 333-339.	1.5	2
28	Preparation and Tribological Properties of Graphene Oxide/Polydopamine-Derived Carbon Films on Silicon Substrate. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2462-2472.	2.5	2
29	Tribological properties of carbonized polydopamine/rGO composite coatings. <i>Industrial Lubrication and Tribology</i> , 2019, 72, 54-65.	1.3	1
30	Friction and wear behavior of Cu-Cr-Zr alloy lubricated with acid rain. <i>Industrial Lubrication and Tribology</i> , 2014, 66, 473-480.	1.3	0