

Jian Wu

List of Publications by Year in descending order

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448
citations

759233

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22
all docs

22
docs citations

22
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ionic liquid)s as lubricant additives with insight into adsorption-lubrication relationship. Tribology International, 2022, 165, 107278.	5.9	18
2	Enhanced Capacity and Cycle Stability of a Pomegranate-Like Si/rGO Composite Anode by Electrostatic Self-Assembly and Spray-Drying Processes. Industrial & Engineering Chemistry Research, 2022, 61, 5712-5722.	3.7	2
3	Techno-economic analysis of biomass processing with dual outputs of energy and activated carbon. Bioresource Technology, 2021, 319, 124108.	9.6	41
4	High-Strength GO/PA66 Nanocomposite Fibers via In Situ Precipitation and Polymerization. Polymers, 2021, 13, 1688.	4.5	11
5	Surfactant assisted and in situ formed micro liquid metal as excellent lubricant additive in polyimide coating. Tribology International, 2021, 159, 106953.	5.9	5
6	Thermal shock exfoliated and siloxane cross-linked graphene framework for high performance epoxy-based thermally conductive composites. Journal of Materials Science, 2021, 56, 17601-17614.	3.7	7
7	Shear exfoliation of large-size GO sheets for high-performance films. Journal of Materials Science, 2021, 56, 18946-18958.	3.7	6
8	Versatile Ionic Gel Driven by Dual Hydrogen Bond Networks: Toward Advanced Lubrication and Self-Healing. ACS Applied Polymer Materials, 2021, 3, 5932-5941.	4.4	14
9	Hollow IF-MoS ₂ /r-GO Nanocomposite Filled Polyimide Coating with Improved Mechanical, Thermal and Tribological Properties. Coatings, 2021, 11, 25.	2.6	7
10	Toward wear-resistant, highly durable and high performance triboelectric nanogenerator through interface liquid lubrication. Nano Energy, 2020, 72, 104659.	16.0	70
11	Poly(alkylimidazolium bis(trifluoromethylsulfonyl)imide)-Based Polymerized Ionic Liquids: A Potential High-Performance Lubricating Grease. Advanced Materials Interfaces, 2019, 6, 1801796.	3.7	5
12	CuO nanosheets produced in graphene oxide solution: An excellent anti-wear additive for self-lubricating polymer composites. Composites Science and Technology, 2018, 162, 86-92.	7.8	37
13	Synthesis of hollow fullerene-like molybdenum disulfide/reduced graphene oxide nanocomposites with excellent lubricating properties. Carbon, 2018, 134, 423-430.	10.3	29
14	Turning the solubility and lubricity of ionic liquids by absorbing CO ₂ . Tribology International, 2018, 121, 223-230.	5.9	22
15	Lignin from Hardwood and Softwood Biomass as a Lubricating Additive to Ethylene Glycol. Molecules, 2018, 23, 537.	3.8	37
16	Right Way of Using Graphene Oxide Additives for Water-Lubricated PEEK: Adding in Polymer or Water?. Tribology Letters, 2018, 66, 1.	2.6	15
17	Flow-resistance analysis of nano-confined fluids inspired from liquid nano-lubrication: A review. Chinese Journal of Chemical Engineering, 2017, 25, 1552-1562.	3.5	12
18	Tribological Properties of Porous PEEK Composites Containing Ionic Liquid under Dry Friction Condition. Lubricants, 2017, 5, 19.	2.9	14

#	ARTICLE	IF	CITATIONS
19	Halogen-free ionic liquids as excellent lubricants for PEEK-stainless steel contacts at elevated temperatures. Tribology International, 2016, 104, 1-9.	5.9	29
20	Enriching Heteroelements in Lignin as Lubricating Additives for Bioionic Liquids. ACS Sustainable Chemistry and Engineering, 2016, 4, 3877-3887.	6.7	36
21	Tribological behaviors of carbon series additions reinforced <scp>CF/PTFE</scp> composites at high speed. Journal of Applied Polymer Science, 2016, 133, .	2.6	15
22	High load capacity with ionic liquid-lubricated tribological system. Tribology International, 2016, 94, 315-322.	5.9	16