Wenjing Lou

List of Publications by Year
in descending order

19 papers	468 citations	759055 12 h-index	839398 18 g-index
19 all docs	19 docs citations	19 times ranked	634 citing authors

#	Article	IF	Citations
1	Mechanical synthesis of chemically bonded phosphorusâ€“graphene hybrid as high-temperature lubricating oil additive. RSC Advances, 2018, 8, 4595-4603.	1.7	61
2	Relationship between dispersion state and reinforcement effect of graphene oxide in microcrystalline celluloseâ€“graphene oxide composite films. Journal of Materials Chemistry, 2012, 22, 12859.	6.7	57
3	MoS₂/WS₂ Quantum Dots as Highâ€Performance Lubricant Additive in Polyalkylene Glycol for Steel/Steel Contact at Elevated Temperature. Advanced Materials Interfaces, 2018, 5, 1700859.	1.9	50
4	Surface Modification of MoS₂ Nanosheets as Effective Lubricant Additives for Reducing Friction and Wear in Poly-Î±-olefin. Industrial & Engineering Chemistry Research, 2018, 57, 8105-8114.	1.8	48
5	Tribological evaluation of environmentally friendly ionic liquids derived from renewable biomaterials. Friction, 2018, 6, 208-218.	3.4	45
6	Ionothermal synthesis of bismuth sulfide nanostructures and their electrochemical hydrogen storage behavior. New Journal of Chemistry, 2010, 34, 1930.	1.4	35
7	A simple route to synthesize size-controlled Ag₂S coreâ€“shell nanocrystals, and their self-assembly. Nanotechnology, 2008, 19, 225607.	1.3	32
8	Investigation on tribological behaviors of MoS2 and WS2 quantum dots as lubricant additives in ionic liquids under severe conditions. Friction, 2020, 8, 674-683.	3.4	21
9	Synthesis and evaluation of a protic ionic liquid as a multifunctional lubricant additive. Friction, 2020, 8, 568-576.	3.4	21
10	MoS2 nanoparticles grown on carbon nanomaterials for lubricating oil additives. Friction, 2021, 9, 747-757.	3.4	21
11	Cu nanoparticles decorated WS₂ nanosheets as a lubricant additive for enhanced tribological performance. RSC Advances, 2019, 9, 7786-7794.	1.7	16
12	Reduced graphene oxides by microwave-assisted ionothermal treatment. New Journal of Chemistry, 2012, 36, 1684.	1.4	14
13	Investigating the tribological behavior of PEGylated MoS₂ nanocomposites as additives in polyalkylene glycol at elevated temperature. RSC Advances, 2017, 7, 53346-53354.	1.7	12
14	A gelâ€“sol transition phenomenon of oxidation multi-walled carbon nanotubesâ€“glycerol nanofluids induced by polyvinyl alcohol. New Journal of Chemistry, 2012, 36, 1273.	1.4	9
15	Viscosity modification of lubricating oil based on high-concentration silica nanoparticle colloidal system. Journal of Dispersion Science and Technology, 2017, 38, 1360-1365.	1.3	9
16	Investigation of the Tribological Performances of Graphene and WS2 Nanosheets as Additives for Perfluoroalkylpolyethers Under Simulated Space Environment. Tribology Letters, 2021, 69, 1.	1.2	9
17	Preparation of WS₂ nanocomposites via mussel-inspired chemistry and their enhanced dispersion stability and tribological performance in polyalkylene glycol. Journal of Dispersion Science and Technology, 2019, 40, 737-744.	1.3	7
18	Influence of Additive Chemistry on the Tribological Behavior of Steel/Copper Friction Pairs. Lubricants, 2022, 10, 91.	1.2	1

#	Article	IF	Citations
19	Nanosized <scp>m</scp> olybdenum disulfide on surfaceâ€modified carbon material as lubricating oil additive for frictionâ€reduction and antiâ€wear. Lubrication Science, 2022, 34, 84-92.	0.9	0