

Yang Jin

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,163
citations

361413

20
h-index

395702

33
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41
all docs

41
docs citations

41
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	CuO nanowires uniformly grown on carbon cloth to improve mechanical and tribological properties of polyimide composites. <i>Materials Chemistry and Physics</i> , 2022, 281, 125852.	4.0	8
2	Improved mechanical/tribological properties of polyimide/carbon fabric composites by in situ-grown polyaniline nanofibers. <i>Materials Chemistry and Physics</i> , 2021, 258, 123972.	4.0	8
3	Growth of ultra-dense MoS ₂ nanosheets on carbon fibers to improve the mechanical and tribological properties of polyimide composites. <i>Friction</i> , 2021, 9, 1150-1162.	6.4	33
4	Robust and transparent superoleophobic coatings from one-step spraying of SiO ₂ @fluoroPOS. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 79-90.	2.4	12
5	Self-Organized Growth of MoS ₂ Sponge for Highly Efficient Photothermal Cleanup of High-Viscosity Crude Oil Spills. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901671.	3.7	54
6	Characterization of mechanical properties of epoxy/nanohybrid composites by nanoindentation. <i>Nanotechnology Reviews</i> , 2020, 9, 28-40.	5.8	24
7	Interfacial modification and tribological properties of carbon fiber grafted by TiO ₂ nanorods reinforced novel depolymerized thermosetting composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 133, 105860.	7.6	29
8	Polydopamine/FeOOH-modified interface in carbon cloth/polyimide composites for improved mechanical/tribological properties. <i>Materials Chemistry and Physics</i> , 2020, 243, 122677.	4.0	13
9	Fabrication of Polydopamine-Modified Carbon Fabric/Polyimide Composites With Enhanced Mechanical and Tribological Properties. <i>Polymer Composites</i> , 2019, 40, 1911-1918.	4.6	17
10	Super-elastic and highly hydrophobic/superoleophilic sodium alginate/cellulose aerogel for oil/water separation. <i>Cellulose</i> , 2018, 25, 3533-3544.	4.9	115
11	Hierarchical carbon fiber-SiO ₂ hybrid/polyimide composites with enhanced thermal, mechanical, and tribological properties. <i>Polymer Composites</i> , 2018, 39, E1626.	4.6	29
12	Self-Organization of Amorphous Carbon Nanocapsules into Diamond Nanocrystals Driven by Self-Nanoscale Excessive Pressure under Moderate Electron Irradiation without External Heating. <i>Small</i> , 2018, 14, 1702072.	10.0	5
13	Multifunctional carbon aerogels from typha orientalis for oil/water separation and simultaneous removal of oil-soluble pollutants. <i>Cellulose</i> , 2018, 25, 5863-5875.	4.9	48
14	Fabrication of monolayer MoS ₂ /rGO hybrids with excellent tribological performances through a surfactant-assisted hydrothermal route. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	26
15	Facile decoration of small-sized Au nanoparticles onto carbon nanotube by a simple noncovalent approach for efficient catalysis. <i>Materials Research Innovations</i> , 2017, 21, 215-221.	2.3	3
16	One-step removal of insoluble oily compounds and water-miscible contaminants from water by underwater superoleophobic graphene oxide-coated cotton. <i>Cellulose</i> , 2017, 24, 5605-5614.	4.9	10
17	Robust Superhydrophobic Nickel Micro/nanostructures on Steel Surfaces with Excellent Anti-corrosion and Tribological Properties. <i>Chemistry Letters</i> , 2017, 46, 1553-1555.	1.3	1
18	Friction and Wear Properties of Polyimide-Based Composites with a Multiscale Carbon Fiber-Carbon Nanotube Hybrid. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	39

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19	Tribological properties of graphene oxide and carbon spheres as lubricating additives. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	44
20	A UV-driven superhydrophilic/superoleophobic polyelectrolyte multilayer film on fabric and its application in oil/water separation. <i>RSC Advances</i> , 2016, 6, 91301-91307.	3.6	37
21	Facile synthesis of ultrathin NbTe ₂ nanosheets for enhanced tribological properties as a lubricant additive. <i>Crystal Research and Technology</i> , 2016, 51, 671-680.	1.3	11
22	Enhancement of the tribological properties of carbon fiber/epoxy composite by grafting carbon nanotubes onto fibers. <i>RSC Advances</i> , 2016, 6, 49387-49394.	3.6	25
23	Facile fabrication of hierarchical carbon fiber@MoS ₂ ultrathin nanosheets and its tribological properties. <i>RSC Advances</i> , 2016, 6, 60446-60453.	3.6	21
24	Fiber hybrid polyimide-based composites reinforced with carbon fiber and poly(p-phenylene benzobisthiazole) fiber: Tribological behaviors under sea water lubrication. <i>Polymer Composites</i> , 2016, 37, 1650-1658.	4.6	8
25	Synergetic effect of NbSe ₂ and Cr ₂ Nb on the tribological and electrical behavior of Cu-based electrical contact composites. <i>RSC Advances</i> , 2015, 5, 100472-100481.	3.6	13
26	Synergism of Poly(p-phenylene benzobisoxazole) Microfibers and Carbon Nanofibers on Improving the Wear Resistance of Polyimide Matrix Composites in Sea Water. <i>Tribology Letters</i> , 2015, 57, 1.	2.6	6
27	Fabrication of the g-C ₃ N ₄ /Cu nanocomposite and its potential for lubrication applications. <i>RSC Advances</i> , 2015, 5, 64254-64260.	3.6	38
28	One-step fabrication of superhydrophobic and superoleophilic cigarette filters for oil-water separation. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 2399-2407.	2.6	36
29	Comparative Investigation on the Friction and Wear Behaviors of Carbon Fabric Reinforced Phenolic Composites under Seawater Lubrication. <i>Tribology Transactions</i> , 2015, 58, 140-147.	2.0	18
30	Tribological properties of Cu-based composites with S-doped NbSe ₂ . <i>Rare Metals</i> , 2015, 34, 407-412.	7.1	7
31	MoS ₂ /reduced graphene oxide hybrid structure and its tribological properties. <i>RSC Advances</i> , 2015, 5, 89682-89688.	3.6	32
32	Versatile fabrication of the magnetic polymer-based graphene foam and applications for oil-water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 468, 10-16.	4.7	117
33	Slippery lubricant-infused textured aluminum surfaces. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1949-1957.	2.6	25
34	Synthesis, characterization, and tribological properties of two-dimensional Ti ₃ C ₂ . <i>Crystal Research and Technology</i> , 2014, 49, 926-932.	1.3	102
35	Microstructure and phase transformation of Ti ₃ AC ₂ (A = Al, Si) in hydrofluoric acid solution. <i>Crystal Research and Technology</i> , 2014, 49, 813-819.	1.3	17
36	Fabrication of superamphiphobic-textured surfaces with reversibly switchable wettability. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1687-1694.	2.6	7

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37	Fabrication of superoleophobic surfaces with controllable liquid adhesion from polyelectrolyte multilayer film. <i>RSC Advances</i> , 2014, 4, 14227-14232.	3.6	16
38	Superhydrophilic and superoleophobic chitosan-based nanocomposite coatings for oil/water separation. <i>Cellulose</i> , 2014, 21, 1851-1857.	4.9	88
39	Preparation and tribological behaviors of poly (ether ether ketone) nanocomposite films containing graphene oxide nanosheets. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	19
40	Spray-Coated Metal Hexadecanoate-Based Coatings with Robust Superhydrophobicity and Repairability. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1342-1346.	2.4	1