

Shao-Feng Zhou

List of Publications by Year in descending order

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39
papers

1,513
citations

411340

20
h-index

371746

37
g-index

39
all docs

39
docs citations

39
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile in situ preparation of Cu/RGO nanohybrid for enhancing the tribological performance of phenolic resins nanocomposites. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1280-1293.	9.9	5
2	ZrO ₂ -anchored rGO nanohybrid for simultaneously enhancing the wear resistance and anticorrosion performance of multifunctional epoxy coatings. <i>Progress in Organic Coatings</i> , 2022, 166, 106795.	1.9	15
3	Improving tribological performance of porous oil-impregnated GO/PA6 composites with double lubrication structure. <i>Diamond and Related Materials</i> , 2022, 126, 109062.	1.8	8
4	Enhanced mechanical, thermal, and tribological performance of 2D-laminated molybdenum disulfide/RGO nanohybrid filling phenolic resin composites. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1206-1220.	9.9	15
5	Reinforce the mechanical toughness, heat resistance, and friction and wear resistance of phenolic resin via constructing self-assembled hybrid particles of graphite oxide and zirconia as nano-fillers. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 317-323.	9.9	22
6	Attaching SiO ₂ nanoparticles to GO sheets via amino-terminated hyperbranched polymer for epoxy composites: Extraordinary improvement in thermal and mechanical properties. <i>European Polymer Journal</i> , 2021, 157, 110677.	2.6	17
7	High-gravity continuous preparation of chitosan-stabilized nanoscale zero-valent iron towards Cr(VI) removal. <i>Chemical Engineering Journal</i> , 2020, 390, 124639.	6.6	67
8	Highly efficient removal of Cr(VI) from water based on graphene oxide incorporated flower-like MoS ₂ nanocomposite prepared in situ hydrothermal synthesis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13882-13894.	2.7	23
9	Effect of Flower-Like and Spherical Nanostructured MoS ₂ on the Adsorption Properties of Cr(VI) Ions. <i>ChemistrySelect</i> , 2020, 5, 3023-3032.	0.7	11
10	Tribological performance of electrostatic self-assembly prepared ZrO ₂ @GO nanocomposites using as lubricant additive. <i>Materials Research Express</i> , 2019, 6, 115075.	0.8	10
11	Polydopamine-coupling of carbon nanotubes onto microscaled basalt fiber to enhancing mechanical, thermal and tribological properties of composite materials. <i>Materials Research Express</i> , 2019, 6, 085066.	0.8	13
12	Attaching ZrO ₂ nanoparticles onto the surface of graphene oxide via electrostatic self-assembly for enhanced mechanical and tribological performance of phenolic resin composites. <i>Journal of Materials Science</i> , 2019, 54, 8247-8261.	1.7	32
13	Highly efficient removal of heavy metal ions by carboxymethyl cellulose-immobilized Fe ₃ O ₄ nanoparticles prepared via high-gravity technology. <i>Carbohydrate Polymers</i> , 2019, 213, 39-49.	5.1	131
14	Enhanced electrochemical performance for sensing Pb(II) based on graphene oxide incorporated mesoporous MnFe ₂ O ₄ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2018, 747, 447-454.	2.8	77
15	Interfacial modification of basalt fiber filling composites with graphene oxide and polydopamine for enhanced mechanical and tribological properties. <i>RSC Advances</i> , 2018, 8, 12222-12231.	1.7	67
16	Effects of graphene oxide sheets-zirconia spheres nanohybrids on mechanical, thermal and tribological performances of epoxy composites. <i>Ceramics International</i> , 2018, 44, 18067-18077.	2.3	34
17	Facile preparation of multiscale graphene-basalt fiber reinforcements and their enhanced mechanical and tribological properties for polyamide 6 composites. <i>Materials Chemistry and Physics</i> , 2018, 217, 315-322.	2.0	54
18	Individual and simultaneous electrochemical detection toward heavy metal ions based on L-cysteine modified mesoporous MnFe ₂ O ₄ nanocrystal clusters. <i>Journal of Alloys and Compounds</i> , 2017, 721, 492-500.	2.8	107

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19	Removal of heavy metal ions by magnetic chitosan nanoparticles prepared continuously via high-gravity reactive precipitation method. <i>Carbohydrate Polymers</i> , 2017, 174, 1192-1200.	5.1	140
20	Electrochemical Sensing toward Trace As(III) Based on Mesoporous MnFe ₂ O ₄ /Au Hybrid Nanospheres Modified Glass Carbon Electrode. <i>Sensors</i> , 2016, 16, 935.	2.1	36
21	SWASV performance toward heavy metal ions based on a high-activity and simple magnetic chitosan sensing nanomaterials. <i>Journal of Alloys and Compounds</i> , 2016, 684, 1-7.	2.8	60
22	Continuous preparation of Fe ₃ O ₄ nanoparticles using impinging stream-rotating packed bed reactor and magnetic property thereof. <i>Journal of Alloys and Compounds</i> , 2016, 662, 497-504.	2.8	48
23	Continuous preparation of Fe ₃ O ₄ nanoparticles through Impinging Stream-Rotating Packed Bed reactor and their electrochemistry detection toward heavy metal ions. <i>Journal of Alloys and Compounds</i> , 2016, 671, 354-359.	2.8	45
24	Continuous preparation of Fe ₃ O ₄ nanoparticles combined with surface modification by L-cysteine and their application in heavy metal adsorption. <i>Ceramics International</i> , 2016, 42, 4228-4237.	2.3	117
25	Effects of acrylamide on mechanical and tribological properties of carbon fiber-reinforced epoxy composites. <i>Journal of Composite Materials</i> , 2015, 49, 1461-1469.	1.2	2
26	Electrochemical detection of As(III) through mesoporous MnFe ₂ O ₄ nanocrystal clusters by square wave stripping voltammetry. <i>Electrochimica Acta</i> , 2015, 174, 1160-1166.	2.6	48
27	Mesoporous MnFe ₂ O ₄ nanocrystal clusters for electrochemistry detection of lead by stripping voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2015, 755, 203-209.	1.9	47
28	Friction and wear behaviors of polyamide-based composites blended with polyphenylene sulfide. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 977-991.	2.6	11
29	Mechanical and tribological properties of polyamide-based composites modified by thermoplastic polyurethane. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 18-34.	2.6	19
30	Effect of carbon fiber reinforcement on the mechanical and tribological properties of polyamide6/polyphenylene sulfide composites. <i>Materials & Design</i> , 2013, 44, 493-499.	5.1	147
31	Preparation and Structure of FeNi Nanoparticles Coated with Ag and its Microwave-Absorption Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 1030-1035.	0.6	6
32	Structure and Properties of Microwave Absorption Ag/Fe ₃ O ₄ Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 392-397.	0.6	6
33	Microrod-Structured Co-Mn Compound and Its Magnetic Property. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 88-91.	0.6	1
34	In Situ Synthesis of One-Dimensional Nanocrystalline Iron Materials by Electrodeposition Under Magnetic Field. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 1211-1216.	0.6	0
35	Konjac Glucomannan-Assisted Synthesis of FeNi nanoparticles and Their Magnetic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 1036-1039.	0.6	4
36	Microwave absorption performance of magnetic Fe@Ni@P nanoparticles electrolessly plated on hollow glass microspheres. <i>Materials Chemistry and Physics</i> , 2012, 134, 224-228.	2.0	19

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37	Preparation and Magnetic Property of KGM/Fe ₃ O ₄ Nanocomposites. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 635-638.	0.6	0
38	Alginate-based ferrofluid and magnetic microsphere thereof. International Journal of Biological Macromolecules, 2010, 47, 654-660.	3.6	22
39	Thermoforming starch-graft-polycaprolactone biocomposites via one-pot microwave assisted ring opening polymerization. Journal of Applied Polymer Science, 2009, 113, 2973-2979.	1.3	27