

Shuhua Qi

List of Publications by Year in descending order

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65
papers

1,749
citations

257450

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302126

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66
docs citations

66
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered-structure N-doped expanded-graphite/boron nitride composites towards high performance of microwave absorption. <i>Journal of Materials Science and Technology</i> , 2022, 113, 71-81.	10.7	22
2	Investigation on the critical factors of MoSe ₂ -based microwave absorbing property. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25795-25808.	2.2	9
3	CoxSy/C@MoS ₂ nanofibers: synthesis, characterization and microwave absorption investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25782-25794.	2.2	5
4	One-Step Synthesis of Porous Transparent Conductive Oxides by Hierarchical Self-Assembly of Aluminum-Doped ZnO Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9589-9599.	8.0	41
5	Core-shell nanostructured CS/MoS ₂ : A promising material for microwave absorption. <i>Applied Surface Science</i> , 2019, 463, 182-189.	6.1	61
6	A facile alkali metal hydroxide-assisted controlled and targeted synthesis of 1T MoS ₂ single-crystal nanosheets for lithium ion battery anodes. <i>Nanoscale</i> , 2019, 11, 14857-14862.	5.6	30
7	WO ₃ –V ₂ O ₅ Active Oxides for NO _x SCR by NH ₃ : Preparation Methods, Catalysts™ Composition, and Deactivation Mechanism—A Review. <i>Catalysts</i> , 2019, 9, 527.	3.5	32
8	Structure and performance of Ni@Ni ₃ S ₂ foam for microwave absorption. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 485003.	2.8	14
9	Carbon-Free, High-Capacity and Long Cycle Life 1D–2D NiMoO ₄ Nanowires/Metallic 1T MoS ₂ Composite Lithium-Ion Battery Anodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44593-44600.	8.0	14
10	Synergetic Effects of Silver Nanowires and Graphene Oxide on Thermal Conductivity of Epoxy Composites. <i>Nanomaterials</i> , 2019, 9, 1264.	4.1	35
11	Facile Synthesis of GNPs@NixSy@MoS ₂ Composites with Hierarchical Structures for Microwave Absorption. <i>Nanomaterials</i> , 2019, 9, 1403.	4.1	27
12	Enhanced electromagnetic wave absorption by optimized impedance matching: covalently bonded polyaniline nanorods over graphene nanoplates. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19426-19436.	2.2	7
13	Preparation and mechanical performances of carbon fiber reinforced epoxy composites by Mxene nanosheets coating. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 10516-10523.	2.2	19
14	Metallic 1T phase MoS ₂ /MnO composites with improved cyclability for lithium-ion battery anodes. <i>Journal of Alloys and Compounds</i> , 2019, 796, 25-32.	5.5	22
15	Synthesis and Characterization of Ternary Polyaniline/Barium Ferrite/Reduced Graphene Oxide Composite as Microwave-Absorbing Material. <i>Journal of Electronic Materials</i> , 2019, 48, 4400-4408.	2.2	29
16	Structure-microwave absorption performance correlations of GNPs/ZnO nanocomposite absorber: Synthesis, characteration and mechanism investigation. <i>Ceramics International</i> , 2019, 45, 13376-13384.	4.8	23
17	Synthesis and mechanism investigation of wide-bandwidth Ni@MnO ₂ NS foam microwave absorbent. <i>Journal of Alloys and Compounds</i> , 2019, 792, 945-952.	5.5	45
18	Impact of morphology and dielectric property on the microwave absorbing performance of MoS ₂ -based materials. <i>Journal of Alloys and Compounds</i> , 2018, 751, 34-42.	5.5	103

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19	Covalently bonded GNPs-NH-PANI nanorod arrays modified by Fe ₃ O ₄ nanoparticles as high-performance electromagnetic wave absorption materials. <i>Materials Letters</i> , 2018, 216, 101-105.	2.6	31
20	Microwave absorption properties of double-layer absorbers based on spindle magnetite nanoparticles and flower-like copper sulfide microspheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8978-8988.	2.2	13
21	Preparation of silver/carbon fiber/polyaniline microwave absorption composite and its application in epoxy resin. <i>Polymer Bulletin</i> , 2018, 75, 381-393.	3.3	19
22	Preparation of Polyaniline@MoS ₂ @Fe ₃ O ₄ Nanowires with a Wide Band and Small Thickness toward Enhancement in Microwave Absorption. <i>ACS Applied Nano Materials</i> , 2018, 1, 5865-5875.	5.0	69
23	Enhanced Microwave Absorption Properties of Manganese Dioxide/Carbon Fiber Hybrid with Polyaniline in the X Band. <i>Journal of Electronic Materials</i> , 2018, 47, 5564-5571.	2.2	16
24	Preparation of core-shell structured hollow glass microspheres/BaFe ₁₂ O ₁₉ /Ag composites with excellent microwave absorbing properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5852-5859.	2.2	3
25	Preparation and microwave absorbing performance of TiO ₂ /NiFe ₂ O ₄ /hollow glass microsphere composite with core-shell structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 7575-7581.	2.2	7
26	Preparation and microwave absorbing properties of polyaniline/NiFe ₂ O ₄ /graphite nanosheet composites via sol-gel reaction and in situ polymerization. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 824-830.	2.4	24
27	Backbone-Degradable Polymers Prepared by Chemical Vapor Deposition. <i>Angewandte Chemie</i> , 2017, 129, 209-213.	2.0	13
28	Backbone-Degradable Polymers Prepared by Chemical Vapor Deposition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 203-207.	13.8	27
29	Preparation of Ag coating reduced graphene oxide and its application as a conductive filler to polyacrylate. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14809-14817.	2.2	3
30	Enantiomeric separation of five acidic drugs via capillary electrophoresis using streptomycin as chiral selector. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 31-35.	2.3	15
31	Preparation and microwave absorbing performance of MoS ₂ @Fe ₃ O ₄ @PANI composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 15488-15494.	2.2	35
32	The characterization and preparation of core-shell structure particles of carbon-sphere@NiFe ₂ O ₄ @PPy as microwave absorbing materials in X band. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14988-14995.	2.2	17
33	The fabrication and thermal conductivity of epoxy composites with 3D nanofillers of AgNWs@SiO ₂ &GNPs. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16141-16147.	2.2	16
34	Ternary composites RGO/MoS ₂ @Fe ₃ O ₄ : synthesis and enhanced electromagnetic wave absorbing performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16802-16812.	2.2	28
35	Preparation and microwave absorption properties of silver-coated Nd-deposited strontium ferrite hollow microspheres with polypyrrole composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 4288-4294.	2.2	5
36	A Polypyrrole/CoFe ₂ O ₄ /Hollow Glass Microspheres three-layer sandwich structure microwave absorbing material with wide absorbing bandwidth and strong absorbing capacity. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 519-525.	2.2	33

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37	Preparation and excellent microwave absorption properties of silver/strontium ferrite/graphite nanosheet composites via sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10045-10051.	2.2	13
38	Improvement of the thermal transport performance of a poly(vinylidene fluoride) composite film including silver nanowire. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	17
39	Transparent flexible electrodes based on a AgNW network reconstructed by salt. <i>RSC Advances</i> , 2016, 6, 25960-25966.	3.6	3
40	Transparent stretchable composite conductor based on silver nanowires with hybrid structure. <i>Journal of Materials Science</i> , 2016, 51, 7211-7219.	3.7	8
41	Improved lateral heat spreading performance for polyvinylidene fluoride composite film comprising silver nanowire in light-emitting diode. <i>RSC Advances</i> , 2016, 6, 35884-35891.	3.6	9
42	Synthesis and microwave absorption enhancement of polyaniline/SrFe ₁₂ O ₁₉ /hollow glass microsphere composite with core-shell structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 13099-13104.	2.2	5
43	Preparation and microwave absorbing properties of nickel-coated carbon fiber with polyaniline via in situ polymerization. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 5607-5612.	2.2	35
44	On the Use of Silver Plated Nano Aluminum Nitride and Silver Plated Chopped Carbon Fiber to Prepare Electrically Conductive Adhesives with High Thermal Conductivity. <i>Journal of Adhesion</i> , 2016, 92, 982-995.	3.0	2
45	Thermal conductivity and electromagnetic shielding effectiveness of composites based on Ag-plating carbon fiber and epoxy. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	31
46	Electrically conductive adhesives based on acrylate resin filled with silver-plated graphite nanosheets and carbon nanotubes. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 2233-2244.	2.6	13
47	A highly thermostable and transparent lateral heat spreader based on silver nanowire/polyimide composite. <i>RSC Advances</i> , 2015, 5, 59398-59402.	3.6	15
48	Synthesizing a Healable Stretchable Transparent Conductor. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14140-14149.	8.0	59
49	Microwave absorbing properties of multi-walled carbon nanotubes/polyaniline nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 564-570.	2.2	23
50	High thermal conductive methylolamine functionalized multiwall carbon nanotubes/epoxy resin composites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	5
51	Mechanical, thermal, and dielectric properties of aluminum nitride/glass fiber/epoxy resin composites. <i>Polymer Composites</i> , 2014, 35, 381-385.	4.6	25
52	Preparation and microwave absorbing properties of hollow glass microspheres/Fe ₃ O ₄ /Ag composites with core-shell structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3455-3460.	2.2	16
53	Synthesis and characterization of silver-coated graphite nanosheets with pyrrole via in situ polymerization. <i>Journal of Applied Polymer Science</i> , 2012, 125, E388.	2.6	3
54	Preparation and thermal conductivity of novolac/Ni/graphite nanosheet composites. <i>Journal of Applied Polymer Science</i> , 2012, 124, 4403-4408.	2.6	12

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55	Thermodynamic interactions and characterisation of naphthenic oil by inverse gas chromatography. <i>Physics and Chemistry of Liquids</i> , 2011, 49, 596-607.	1.2	2
56	Electrically conductive adhesive based on acrylate resin filled with silver plating graphite nanosheet. <i>Synthetic Metals</i> , 2011, 161, 516-522.	3.9	42
57	Synthesis and properties of the polymeric surfactant based on maleamic acid and styrene. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 79-82.	1.0	0
58	Synthesis of high conductivity Polyaniline/Ag/graphite nanosheet composites via ultrasonic technique. <i>Journal of Polymer Research</i> , 2010, 17, 751-757.	2.4	28
59	Thermal degradation of environmentally friendly phenolic resin/ Al_2O_3 hybrid composite. <i>Journal of Applied Polymer Science</i> , 2010, 115, 3675-3679.	2.6	27
60	Thermal, electrical, and mechanical properties of Si_3N_4 filled LLDPE composite. <i>Polymer Composites</i> , 2009, 30, 866-871.	4.6	23
61	Toughened epoxy resin matrix for a membrane shell by wet filament winding. <i>Journal of Applied Polymer Science</i> , 2009, 111, 255-263.	2.6	10
62	Effect of filler size distribution on the mechanical and physical properties of alumina-filled silicone rubber. <i>Polymer Engineering and Science</i> , 2008, 48, 1381-1388.	3.1	71
63	Synthesis and properties of polyaniline nanolayers in the presence of retinol in aqueous ethanol. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3162-3171.	2.6	10
64	Novel heat-conductive composite silicone rubber. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2478-2483.	2.6	86
65	Effect of the particle size of Al_2O_3 on the properties of filled heat-conductive silicone rubber. <i>Journal of Applied Polymer Science</i> , 2007, 104, 1312-1318.	2.6	244