Shuhua Qi

List of Publications by Year
in descending order

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65 papers	1,749 citations	257450 24 h-index	302126 39 g-index
66 all docs	66 docs citations	66 times ranked	2041 citing authors

#	Article	IF	Citations
1	Effect of the particle size of Al2O3 on the properties of filled heat-conductive silicone rubber. Journal of Applied Polymer Science, 2007, 104, 1312-1318.	2.6	244
2	Impact of morphology and dielectric property on the microwave absorbing performance of MoS 2 -based materials. Journal of Alloys and Compounds, 2018, 751, 34-42.	5.5	103
3	Novel heat-conductive composite silicone rubber. Journal of Applied Polymer Science, 2007, 104, 2478-2483.	2.6	86
4	Effect of filler size distribution on the mechanical and physical properties of aluminaâ€filled silicone rubber. Polymer Engineering and Science, 2008, 48, 1381-1388.	3.1	71
5	Preparation of Polyaniline@MoS₂@Fe₃O₄ Nanowires with a Wide Band and Small Thickness toward Enhancement in Microwave Absorption. ACS Applied Nano Materials, 2018, 1, 5865-5875.	5.0	69
6	Core-shell nanostructured CS/MoS2: A promising material for microwave absorption. Applied Surface Science, 2019, 463, 182-189.	6.1	61
7	Synthesizing a Healable Stretchable Transparent Conductor. ACS Applied Materials & Interfaces, 2015, 7, 14140-14149.	8.0	59
8	Synthesis and mechanism investigation of wide-bandwidth Ni@MnO2 NS foam microwave absorbent. Journal of Alloys and Compounds, 2019, 792, 945-952.	5.5	45
9	Electrically conductive adhesive based on acrylate resin filled with silver plating graphite nanosheet. Synthetic Metals, 2011, 161, 516-522.	3.9	42
10	One-Step Synthesis of Porous Transparent Conductive Oxides by Hierarchical Self-Assembly of Aluminum-Doped ZnO Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 9589-9599.	8.0	41
11	Preparation and microwave absorbing properties of nickel-coated carbon fiber with polyaniline via in situ polymerization. Journal of Materials Science: Materials in Electronics, 2016, 27, 5607-5612.	2.2	35
12	Preparation and microwave absorbing performance of MoS2@Fe3O4@PANI composites. Journal of Materials Science: Materials in Electronics, 2017, 28, 15488-15494.	2.2	35
13	Synergetic Effects of Silver Nanowires and Graphene Oxide on Thermal Conductivity of Epoxy Composites. Nanomaterials, 2019, 9, 1264.	4.1	35
14	A Polypyrrole/CoFe2O4/Hollow Glass Microspheres three-layer sandwich structure microwave absorbing material with wide absorbing bandwidth and strong absorbing capacity. Journal of Materials Science: Materials in Electronics, 2017, 28, 519-525.	2.2	33
15	WO3â€“V2O5 Active Oxides for NOx SCR by NH3: Preparation Methods, Catalystsâ€™ Composition, and Deactivation Mechanismâ€”A Review. Catalysts, 2019, 9, 527.	3.5	32
16	Thermal conductivity and electromagnetic shielding effectiveness of composites based on Agâ€plating carbon fiber and epoxy. Journal of Applied Polymer Science, 2015, 132, .	2.6	31
17	Covalently bonded GNPs-NH-PANI nanorod arrays modified by Fe 3 O 4 nanoparticles as high-performance electromagnetic wave absorption materials. Materials Letters, 2018, 216, 101-105.	2.6	31
18	A facile alkali metal hydroxide-assisted controlled and targeted synthesis of 1T MoS₂ single-crystal nanosheets for lithium ion battery anodes. Nanoscale, 2019, 11, 14857-14862.	5.6	30

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19	Synthesis and Characterization of Ternary Polyaniline/Barium Ferrite/Reduced Graphene Oxide Composite as Microwave-Absorbing Material. Journal of Electronic Materials, 2019, 48, 4400-4408.	2.2	29
20	Synthesis of high conductivity Polyaniline/Ag/graphite nanosheet composites via ultrasonic technique. Journal of Polymer Research, 2010, 17, 751-757.	2.4	28
21	Ternary composites RGO/MoS2@Fe3O4: synthesis and enhanced electromagnetic wave absorbing performance. Journal of Materials Science: Materials in Electronics, 2017, 28, 16802-16812.	2.2	28
22	Thermal degradation of environmentally friendly phenolic resin/Al₂O₃ hybrid composite. Journal of Applied Polymer Science, 2010, 115, 3675-3679.	2.6	27
23	Backboneâ€Degradable Polymers Prepared by Chemical Vapor Deposition. Angewandte Chemie - International Edition, 2017, 56, 203-207.	13.8	27
24	Facile Synthesis of GNPs@NixSy@MoS2 Composites with Hierarchical Structures for Microwave Absorption. Nanomaterials, 2019, 9, 1403.	4.1	27
25	Mechanical, thermal, and dielectric properties of aluminum nitride/glass fiber/epoxy resin composites. Polymer Composites, 2014, 35, 381-385.	4.6	25
26	Preparation and microwave absorbing properties of polyaniline/NiFe2O4/graphite nanosheet composites via solâ€“gel reaction and in situ polymerization. Journal of Sol-Gel Science and Technology, 2017, 81, 824-830.	2.4	24
27	Thermal, electrical, and mechanical properties of Si₃N₄ filled LLDPE composite. Polymer Composites, 2009, 30, 866-871.	4.6	23
28	Microwave absorbing properties of multi-walled carbon nanotubes/polyaniline nanocomposites. Journal of Materials Science: Materials in Electronics, 2015, 26, 564-570.	2.2	23
29	Structure-microwave absorption performance correlations of GNPs/ZnO nanocomposite absorber: Synthesis, characteration and mechanism investigation. Ceramics International, 2019, 45, 13376-13384.	4.8	23
30	Metallic 1T phase MoS2/MnO composites with improved cyclability for lithium-ion battery anodes. Journal of Alloys and Compounds, 2019, 796, 25-32.	5.5	22
31	Layered-structure N-doped expanded-graphite/boron nitride composites towards high performance of microwave absorption. Journal of Materials Science and Technology, 2022, 113, 71-81.	10.7	22
32	Preparation of silver/carbon fiber/polyaniline microwave absorption composite and its application in epoxy resin. Polymer Bulletin, 2018, 75, 381-393.	3.3	19
33	Preparation and mechanical performances of carbon fiber reinforced epoxy composites by Mxene nanosheets coating. Journal of Materials Science: Materials in Electronics, 2019, 30, 10516-10523.	2.2	19
34	Improvement of the thermal transport performance of a poly(vinylidene fluoride) composite film including silver nanowire. Journal of Applied Polymer Science, 2016, 133, .	2.6	17
35	The characterization and preparation of coreâ€“shell structure particles of carbon-sphere@NiFe2O4@PPy as microwave absorbing materials in X band. Journal of Materials Science: Materials in Electronics, 2017, 28, 14988-14995.	2.2	17
36	Preparation and microwave absorbing properties of hollow glass microspheres/Fe3O4/Ag composites with coreâ€“shell structure. Journal of Materials Science: Materials in Electronics, 2014, 25, 3455-3460.	2.2	16

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37	The fabrication and thermal conductivity of epoxy composites with 3D nanofillers of AgNWs@SiO2&GNPs. Journal of Materials Science: Materials in Electronics, 2017, 28, 16141-16147.	2.2	16
38	Enhanced Microwave Absorption Properties of Manganese Dioxide/Carbon Fiber Hybrid with Polyaniline in the X Band. Journal of Electronic Materials, 2018, 47, 5564-5571.	2.2	16
39	A highly thermostable and transparent lateral heat spreader based on silver nanowire/polyimide composite. RSC Advances, 2015, 5, 59398-59402.	3.6	15
40	Enantiomeric separation of five acidic drugs via capillary electrophoresis using streptomycin as chiral selector. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1063, 31-35.	2.3	15
41	Structure and performance of Ni@Ni₃S₂ foam for microwave absorption. Journal Physics D: Applied Physics, 2019, 52, 485003.	2.8	14
42	Carbon-Free, High-Capacity and Long Cycle Life 1Dâ€“2D NiMoO₄ Nanowires/Metallic 1T MoS₂ Composite Lithium-Ion Battery Anodes. ACS Applied Materials & Interfaces, 2019, 11, 44593-44600.	8.0	14
43	Electrically conductive adhesives based on acrylate resin filled with silver-plated graphite nanosheets and carbon nanotubes. Journal of Adhesion Science and Technology, 2015, 29, 2233-2244.	2.6	13
44	Preparation and excellent microwave absorption properties of silver/strontium ferrite/graphite nanosheet composites via solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2016, 27, 10045-10051.	2.2	13
45	Backboneâ€Degradable Polymers Prepared by Chemical Vapor Deposition. Angewandte Chemie, 2017, 129, 209-213.	2.0	13
46	Microwave absorption properties of double-layer absorbers based on spindle magnetite nanoparticles and flower-like copper sulfide microspheres. Journal of Materials Science: Materials in Electronics, 2018, 29, 8978-8988.	2.2	13
47	Preparation and thermal conductivity of novolac/Ni/graphite nanosheet composites. Journal of Applied Polymer Science, 2012, 124, 4403-4408.	2.6	12
48	Synthesis and properties of polyaniline nanolayers in the presence of retinol in aqueous ethanol. Journal of Applied Polymer Science, 2008, 110, 3162-3171.	2.6	10
49	Toughened epoxy resin matrix for a membrane shell by wet filament winding. Journal of Applied Polymer Science, 2009, 111, 255-263.	2.6	10
50	Improved lateral heat spreading performance for polyvinylidene fluoride composite film comprising silver nanowire in light-emitting diode. RSC Advances, 2016, 6, 35884-35891.	3.6	9
51	Investigation on the critical factors of MoSe2-based microwave absorbing property. Journal of Materials Science: Materials in Electronics, 2021, 32, 25795-25808.	2.2	9
52	Transparent stretchable composite conductor based on silver nanowires with hybrid structure. Journal of Materials Science, 2016, 51, 7211-7219.	3.7	8
53	Preparation and microwave absorbing performance of TiO2/ NiFe2O4 /hollow glass microsphere composite with coreâ€“shell structure. Journal of Materials Science: Materials in Electronics, 2017, 28, 7575-7581.	2.2	7
54	Enhanced electromagnetic wave absorption by optimized impedance matching: covalently bonded polyaniline nanorods over graphene nanoplates. Journal of Materials Science: Materials in Electronics, 2019, 30, 19426-19436.	2.2	7

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55	High thermal conductive mâ€xylylenediamine functionalized multiwall carbon nanotubes/epoxy resin composites. Journal of Applied Polymer Science, 2015, 132, .	2.6	5
56	Synthesis and microwave absorption enhancement of polyaniline/SrFe12O19/hollow glass microsphere composite with coreâ€“shell structure. Journal of Materials Science: Materials in Electronics, 2016, 27, 13099-13104.	2.2	5
57	Preparation and microwave absorption properties of silver-coated Nd-deposed strontium ferrite hollow microspheres with polypyrrole composites. Journal of Materials Science: Materials in Electronics, 2017, 28, 4288-4294.	2.2	5
58	CoxSy/C@MoS2 nanofibers: synthesis, characterization and microwave absorption investigation. Journal of Materials Science: Materials in Electronics, 2021, 32, 25782-25794.	2.2	5
59	Synthesis and characterization of silverâ€coated graphite nanosheets with pyrrole via in situ polymerization. Journal of Applied Polymer Science, 2012, 125, E388.	2.6	3
60	Transparent flexible electrodes based on a AgNW network reconstructed by salt. RSC Advances, 2016, 6, 25960-25966.	3.6	3
61	Preparation of core-shell structured hollow glass microspheres/BaFe12O19/Ag composites with excellent microwave absorbing properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 5852-5859.	2.2	3
62	Preparation of Ag coating reduced graphene oxide and its application as a conductive filler to polyacrylate. Journal of Materials Science: Materials in Electronics, 2017, 28, 14809-14817.	2.2	3
63	Thermodynamic interactions and characterisation of naphthenic oil by inverse gas chromatography. Physics and Chemistry of Liquids, 2011, 49, 596-607.	1.2	2
64	On the Use of Silver Plated Nano Aluminum Nitride and Silver Plated Chopped Carbon Fiber to Prepare Electrically Conductive Adhesives with High Thermal Conductivity. Journal of Adhesion, 2016, 92, 982-995.	3.0	2
65	Synthesis and properties of the polymeric surfactant based on maleamic acid and styrene. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 79-82.	1.0	0