

Bo Song

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

2,278
citations

23
h-index

47
g-index

55
ext. papers

2,593
ext. citations

8.6
avg, IF

4.92
L-index

#	Paper	IF	Citations
54	Comparison of two high temperature treatment methods on preparing electrically conductive polysulfide/Ag composites for aerospace sealant applications. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50121	2.9	2
53	Fabrication of stretchable and conductive polymer nanocomposites based on interconnected graphene aerogel. <i>Composites Science and Technology</i> , 2020 , 200, 108430	8.6	5
52	Flexible and electrically conductive composites based on 3D hierarchical silver dendrites. <i>Soft Matter</i> , 2020 , 16, 6765-6772	3.6	9
51	Epoxy Composites with Surface Modified Silicon Carbide Filler for High Temperature Molding Compounds 2019 ,		2
50	Formulation and Processing of Conductive Polysulfide Sealants for Automotive and Aerospace Applications 2019 ,		1
49	Controlled synthesis and evaluation of cyanate ester/epoxy copolymer system for high temperature molding compounds. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 1337-1345	2.5	13
48	Effect of polymer binders on graphene-based free-standing electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2018 , 267, 213-221	6.7	25
47	Alginate-based colloid particles from direct chemical self-assembly using as particulate emulsifiers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 542, 15-20	5.1	6
46	Rational Design of Nickel Hydroxide-Based Nanocrystals on Graphene for Ultrafast Energy Storage. <i>Advanced Energy Materials</i> , 2018 , 8, 1702247	21.8	172
45	Orientation dependence of magnetoelectric coefficient in 1-3Type BaTiO ₃ /CoFe ₂ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 449, 263-270	2.8	10
44	On-chip Solid-State CMOS Compatible Micro-Supercapacitors 2018 ,		1
43	Cyanate Ester/Epoxy Co-Curing System with Thermal Stabilizers for High Temperature Stability 2018 ,		2
42	Design and Surface Modification of PET Substrates Using UV/Ozone Treatment for Roll-to-Roll Processed Solar Photovoltaic (PV) Module Packaging 2018 ,		4
41	Stretchable, Printable and Electrically Conductive Composites for Wearable RF Antennas 2018 ,		5
40	Processing and characterization of silver-filled conductive polysulfide sealants for aerospace applications. <i>Soft Matter</i> , 2018 , 14, 9036-9043	3.6	10
39	Polyimide incorporated cyanate ester/epoxy copolymers for high-temperature molding compounds. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 2412-2421	2.5	8
38	Form-stable phase change material embedded with chitosan-derived carbon aerogel. <i>Materials Letters</i> , 2017 , 195, 79-81	3.3	33

37	Different valence Sn doping - A simple way to detect oxygen concentration variation of ZnO quantum dots synthesized under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2017 , 38, 29-37	8.9	6
36	Controlled synthesis of three-phase NixSy/rGO nanoflake electrodes for hybrid supercapacitors with high energy and power density. <i>Nano Energy</i> , 2017 , 33, 522-531	17.1	167
35	Adjusting the band structure and defects of ZnO quantum dots via tin doping. <i>RSC Advances</i> , 2017 , 7, 11345-11354	3.7	24
34	Particle size effect in porous film electrodes of ligand-modified graphene for enhanced supercapacitor performance. <i>Carbon</i> , 2017 , 119, 296-304	10.4	20
33	Precisely quantified catalyst based on in situ growth of Cu ₂ O nanoparticles on a graphene 3D network for highly sensitive glucose sensor. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 333-341	8.5	30
32	A high-energy, long cycle-life hybrid supercapacitor based on graphene composite electrodes. <i>Energy Storage Materials</i> , 2017 , 7, 32-39	19.4	124
31	Polymer Composite with Improved Thermal Conductivity by Constructing a Hierarchically Ordered Three-Dimensional Interconnected Network of BN. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13544-13553	8.5	278
30	Luminescence properties of La ₂ O ₂ S:Tb ³⁺ phosphors and phosphor-embedded polymethylmethacrylate films. <i>Materials and Design</i> , 2017 , 125, 100-108	8.1	13
29	Microscopic vertical orientation of nano-interspaced graphene architectures in deposit films as electrodes for enhanced supercapacitor performance. <i>Nano Energy</i> , 2017 , 32, 88-95	17.1	20
28	Surface defect modification of ZnO quantum dots based on rare earth acetylacetonate and their impacts on optical performance. <i>Applied Surface Science</i> , 2017 , 398, 97-102	6.7	8
27	Stretchable and Electrically Conductive Composites Fabricated from Polyurethane and Silver Nano/Microstructures 2017 ,		7
26	Design of Miura Folding-Based Micro-Supercapacitors as Foldable and Miniaturized Energy Storage Devices 2017 ,		3
25	Reducing Pb concentration in CsPbI ₃ based perovskite solar cell materials via alkaline-earth metal doping: A DFT computational study. <i>Ceramics International</i> , 2017 , 43, 13101-13112	5.1	14
24	Systematic study on structural and electronic properties of diamine/triamine functionalized graphene networks for supercapacitor application. <i>Nano Energy</i> , 2017 , 31, 183-193	17.1	99
23	A high quenching content red-emitting phosphor based on double perovskite host BaLaMgSbO ₆ for white LEDs. <i>Journal of Alloys and Compounds</i> , 2017 , 696, 443-449	5.7	30
22	Low temperature-sintering and microstructure of highly transparent yttria ceramics. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 2580-2586	5.7	18
21	Facile solvothermal way to synthesize CuIn _{0.7} Ga _{0.3} S ₂ nanocrystals and their application in low-cost photovoltaic device. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 663-666	5.7	8
20	Highly Conductive Polyurethane/Polyaniline-Based Composites for Wearable Electronic Applications 2016 ,		6

19	Molecular Level Study of Graphene Networks Functionalized with Phenylenediamine Monomers for Supercapacitor Electrodes. <i>Chemistry of Materials</i> , 2016 , 28, 9110-9121	9.6	80
18	2016,		3
17	Recent Developments in Design and Fabrication of Graphene-Based Interdigital Micro-Supercapacitors for Miniaturized Energy Storage Devices. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 1752-1765	1.7	16
16	Molecular engineering of aromatic amine spacers for high-performance graphene-based supercapacitors. <i>Nano Energy</i> , 2016 , 21, 276-294	17.1	54
15	Effect of pH value on electromagnetic loss properties of Co ₂ Zn ferrite prepared via coprecipitation method. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 405, 36-41	2.8	48
14	Tunable electromagnetic properties and enhanced microwave absorption ability of flaky graphite/cobalt zinc ferrite composites. <i>Journal of Alloys and Compounds</i> , 2016 , 662, 409-414	5.7	116
13	Sulfonated polyaniline decorated graphene nanocomposites as supercapacitor electrodes. <i>Materials Letters</i> , 2016 , 166, 12-15	3.3	33
12	Facile preparation and microwave absorption properties of porous hollow BaFe ₁₂ O ₁₉ /CoFe ₂ O ₄ composite microrods. <i>Journal of Alloys and Compounds</i> , 2015 , 648, 1072-1075	5.7	74
11	Water-dispersible graphene/polyaniline composites for flexible micro-supercapacitors with high energy densities. <i>Nano Energy</i> , 2015 , 16, 470-478	17.1	134
10	Capacitance enhancement by electrochemically active benzene derivatives for graphene-based supercapacitors. <i>RSC Advances</i> , 2015 , 5, 84113-84118	3.7	7
9	A novel strain sensor based on 3D printing technology and 3D antenna design 2015,		28
8	Three-dimensional graphene-based composite for flexible electronic applications 2015,		7
7	Triethanolamine functionalized graphene-based composites for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 21789-21796	13	92
6	Mechanistic investigation of the graphene functionalization using p-phenylenediamine and its application for supercapacitors. <i>Nano Energy</i> , 2015 , 17, 160-170	17.1	117
5	3D porous graphene with ultrahigh surface area for microscale capacitive deionization. <i>Nano Energy</i> , 2015 , 11, 711-718	17.1	130
4	Solution-processed flexible solid-state micro-supercapacitors for on-chip energy storage devices 2015,		5
3	Alternating current line-filter based on electrochemical capacitor utilizing template-patterned graphene. <i>Scientific Reports</i> , 2015 , 5, 10983	4.9	46
2	A novel chipless RFID-based stretchable and wearable hand gesture sensor 2015,		7

- 1 Flexible micro-supercapacitor based on in-situ assembled graphene on metal template at room temperature. *Nano Energy*, **2014**, 10, 222-228 17.1 98