Guoyan Zhang

List of Publications by Year
in descending order

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29	1,230	471509 17	552781 26
papers	citations	h-index	g-index

29	29	29	2204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Oriented and Ordered Water-Soluble Semiconducting Polymers in a DNA Matrix. Chemistry of Materials, 2020, 32, 688-696.	6.7	16
2	More Than Another Halochromic Polymer: Thiazole-Based Conjugated Polymer Transistors for Acid-Sensing Applications. ACS Applied Polymer Materials, 2020, 2, 5898-5906.	4.4	1
3	Electrically Conductive Shell-Protective Layer Capping on the Silicon Surface as the Anode Material for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 40034-40042.	8.0	24
4	Functionalized Cellulose Nanocrystal-Mediated Conjugated Polymer Aggregation. ACS Applied Materials & Interfaces, 2019, 11, 25338-25350.	8.0	21
5	Synergistic Use of Bithiazole and Pyridinyl Substitution for Effective Electron Transport Polymer Materials. Chemistry of Materials, 2019, 31, 3957-3966.	6.7	26
6	Robust and Stretchable Polymer Semiconducting Networks: From Film Microstructure to Macroscopic Device Performance. Chemistry of Materials, 2019, 31, 6530-6539.	6.7	37
7	Molecularly Mixed Composite Membranes for Advanced Separation Processes. Angewandte Chemie - International Edition, 2019, 58, 2638-2643.	13.8	86
8	Molecularly Mixed Composite Membranes for Advanced Separation Processes. Angewandte Chemie, 2019, 131, 2664-2669.	2.0	29
9	SWNT Anchored with Carboxylated Polythiophene â€œLinksâ€•on High-Capacity Li-Ion Battery Anode Materials. Journal of the American Chemical Society, 2018, 140, 5666-5669.	13.7	80
10	Carbon Nanotube Web with Carboxylated Polythiophene â€œAssistâ€•for High-Performance Battery Electrodes. ACS Nano, 2018, 12, 3126-3139.	14.6	51
11	Bioremediation process and bioremoval mechanism of heavy metal ions in acidic mine drainage. Chemical Research in Chinese Universities, 2018, 34, 33-38.	2.6	7
12	A Thiazoleâ€“Naphthalene Diimide Based n-Channel Donorâ€“Acceptor Conjugated Polymer. Macromolecules, 2018, 51, 7320-7328.	4.8	35
13	SWNT Networks with Polythiophene Carboxylate Links for High-Performance Silicon Monoxide Electrodes. ACS Applied Energy Materials, 2018, 1, 2417-2423.	5.1	12
14	Versatile Interpenetrating Polymer Network Approach to Robust Stretchable Electronic Devices. Chemistry of Materials, 2017, 29, 7645-7652.	6.7	101
15	Unipolar Electron Transport Polymers: A Thiazole Based All-Electron Acceptor Approach. Chemistry of Materials, 2016, 28, 6045-6049.	6.7	85
16	Toward Precision Control of Nanofiber Orientation in Conjugated Polymer Thin Films: Impact on Charge Transport. Chemistry of Materials, 2016, 28, 9099-9109.	6.7	75
17	Thermally stable transparent solâ€“gel based active siloxaneâ€“oligomer materials with tunable high refractive index and dual reactive groups. RSC Advances, 2016, 6, 70825-70831.	3.6	17
18	Effective increase in the refractive index of novel transparent silicone hybrid films by introduction of functionalized silicon nanoparticles. RSC Advances, 2015, 5, 62128-62133.	3.6	5

#	Article	IF	Citations
19	A chemo-enzymatic route for the preparation of chiral (S)-3-hydroxy-3-phenylpropanoic acid. Chemical Research in Chinese Universities, 2014, 30, 915-918.	2.6	0
20	Facile fabrication of mesoporous N-doped Fe₃O₄@C nanospheres as superior anodes for Li-ion batteries. RSC Advances, 2014, 4, 713-716.	3.6	15
21	Investigation of photoluminescence mechanism of graphene quantum dots and evaluation of their assembly into polymer dots. Carbon, 2014, 77, 462-472.	10.3	124
22	Facile assembly of a hierarchical core@shell Fe3O4@CuMgAl-LDH (layered double hydroxide) magnetic nanocatalyst for the hydroxylation of phenol. Journal of Materials Chemistry A, 2013, 1, 5934.	10.3	117
23	Creation of Transparent Nanocomposite Films with a Refractive Index of 2.3 Using Polymerizable Silicon Nanoparticles. Particle and Particle Systems Characterization, 2013, 30, 653-657.	2.3	14
24	Fabrication of polymerizable ZnS nanoparticles in N,Nâ€²-dimethylacrylamide and the resulting high refractive index optical materials. Polymer Chemistry, 2013, 4, 3963.	3.9	14
25	Utilization of sulfate-reducing bacteria with fermented soybeans as a carbon source for the removal of sulfate in acidic wastewaters. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	0
26	A study on the mechanism involving sulfate removal from waste water using modified bauxite as an adsorbent. , 2013, , .		0
27	A general route to make non-conjugated linear polymers luminescent. Chemical Communications, 2012, 48, 10889.	4.1	183
28	Embedding graphene nanoparticles into poly(N,Nâ€²-dimethylacrylamine) to prepare transparent nanocomposite films with high refractive index. Journal of Materials Chemistry, 2012, 22, 21218.	6.7	32
29	Fluorescent Nanocomposite Based on PVA Polymer Dots. Acta Chimica Sinica, 2012, 70, 2311.	1.4	23