

Guoyan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11122291/publications.pdf>

Version: 2024-02-01

29
papers

1,230
citations

471509

17
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

2204
citing authors

#	ARTICLE	IF	CITATIONS
1	A general route to make non-conjugated linear polymers luminescent. <i>Chemical Communications</i> , 2012, 48, 10889.	4.1	183
2	Investigation of photoluminescence mechanism of graphene quantum dots and evaluation of their assembly into polymer dots. <i>Carbon</i> , 2014, 77, 462-472.	10.3	124
3	Facile assembly of a hierarchical core@shell Fe ₃ O ₄ @CuMgAl-LDH (layered double hydroxide) magnetic nanocatalyst for the hydroxylation of phenol. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5934.	10.3	117
4	Versatile Interpenetrating Polymer Network Approach to Robust Stretchable Electronic Devices. <i>Chemistry of Materials</i> , 2017, 29, 7645-7652.	6.7	101
5	Molecularly Mixed Composite Membranes for Advanced Separation Processes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2638-2643.	13.8	86
6	Unipolar Electron Transport Polymers: A Thiazole Based All-Electron Acceptor Approach. <i>Chemistry of Materials</i> , 2016, 28, 6045-6049.	6.7	85
7	SWNT Anchored with Carboxylated Polythiophene on High-Capacity Li-Ion Battery Anode Materials. <i>Journal of the American Chemical Society</i> , 2018, 140, 5666-5669.	13.7	80
8	Toward Precision Control of Nanofiber Orientation in Conjugated Polymer Thin Films: Impact on Charge Transport. <i>Chemistry of Materials</i> , 2016, 28, 9099-9109.	6.7	75
9	Carbon Nanotube Web with Carboxylated Polythiophene Assist for High-Performance Battery Electrodes. <i>ACS Nano</i> , 2018, 12, 3126-3139.	14.6	51
10	Robust and Stretchable Polymer Semiconducting Networks: From Film Microstructure to Macroscopic Device Performance. <i>Chemistry of Materials</i> , 2019, 31, 6530-6539.	6.7	37
11	A Thiazole-Naphthalene Diimide Based n-Channel Donor-Acceptor Conjugated Polymer. <i>Macromolecules</i> , 2018, 51, 7320-7328.	4.8	35
12	Embedding graphene nanoparticles into poly(N,N-dimethylacrylamine) to prepare transparent nanocomposite films with high refractive index. <i>Journal of Materials Chemistry</i> , 2012, 22, 21218.	6.7	32
13	Molecularly Mixed Composite Membranes for Advanced Separation Processes. <i>Angewandte Chemie</i> , 2019, 131, 2664-2669.	2.0	29
14	Synergistic Use of Bithiazole and Pyridinyl Substitution for Effective Electron Transport Polymer Materials. <i>Chemistry of Materials</i> , 2019, 31, 3957-3966.	6.7	26
15	Electrically Conductive Shell-Protective Layer Capping on the Silicon Surface as the Anode Material for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40034-40042.	8.0	24
16	Fluorescent Nanocomposite Based on PVA Polymer Dots. <i>Acta Chimica Sinica</i> , 2012, 70, 2311.	1.4	23
17	Functionalized Cellulose Nanocrystal-Mediated Conjugated Polymer Aggregation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25338-25350.	8.0	21
18	Thermally stable transparent sol-gel based active siloxane oligomer materials with tunable high refractive index and dual reactive groups. <i>RSC Advances</i> , 2016, 6, 70825-70831.	3.6	17

#	ARTICLE	IF	CITATIONS
19	Highly Oriented and Ordered Water-Soluble Semiconducting Polymers in a DNA Matrix. <i>Chemistry of Materials</i> , 2020, 32, 688-696.	6.7	16
20	Facile fabrication of mesoporous N-doped Fe ₃ O ₄ @C nanospheres as superior anodes for Li-ion batteries. <i>RSC Advances</i> , 2014, 4, 713-716.	3.6	15
21	Creation of Transparent Nanocomposite Films with a Refractive Index of 2.3 Using Polymerizable Silicon Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 653-657.	2.3	14
22	Fabrication of polymerizable ZnS nanoparticles in N,N-dimethylacrylamide and the resulting high refractive index optical materials. <i>Polymer Chemistry</i> , 2013, 4, 3963.	3.9	14
23	SWNT Networks with Polythiophene Carboxylate Links for High-Performance Silicon Monoxide Electrodes. <i>ACS Applied Energy Materials</i> , 2018, 1, 2417-2423.	5.1	12
24	Bioremediation process and bioremoval mechanism of heavy metal ions in acidic mine drainage. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 33-38.	2.6	7
25	Effective increase in the refractive index of novel transparent silicone hybrid films by introduction of functionalized silicon nanoparticles. <i>RSC Advances</i> , 2015, 5, 62128-62133.	3.6	5
26	More Than Another Halochromic Polymer: Thiazole-Based Conjugated Polymer Transistors for Acid-Sensing Applications. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5898-5906.	4.4	1
27	A chemo-enzymatic route for the preparation of chiral (S)-3-hydroxy-3-phenylpropanoic acid. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 915-918.	2.6	0
28	Utilization of sulfate-reducing bacteria with fermented soybeans as a carbon source for the removal of sulfate in acidic wastewaters. <i>WIT Transactions on Ecology and the Environment</i> , 2013, , .	0.0	0
29	A study on the mechanism involving sulfate removal from waste water using modified bauxite as an adsorbent. , 2013, , .		0