

Ye Shi

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.

43
papers

6,289
citations

30
h-index

48
g-index

48
ext. papers

7,400
ext. citations

14.8
avg, IF

6.26
L-index

#	Paper	IF	Citations
43	A unimorph nanocomposite dielectric elastomer for large out-of-plane actuation.. <i>Science Advances</i> , 2022 , 8, eabm6200	14.3	9
42	All-day fresh water harvesting by microstructured hydrogel membranes. <i>Nature Communications</i> , 2021 , 12, 2797	17.4	34
41	Stable and High-Strain Dielectric Elastomer Actuators Based on a Carbon Nanotube-Polymer Bilayer Electrode. <i>Advanced Functional Materials</i> , 2021 , 31, 2008321	15.6	14
40	Silver Nanowire-Bacterial Cellulose Composite Fiber-Based Sensor for Highly Sensitive Detection of Pressure and Proximity. <i>ACS Nano</i> , 2020 , 14, 15428-15439	16.7	50
39	Super Moisture-Absorbent Gels for All-Weather Atmospheric Water Harvesting. <i>Advanced Materials</i> , 2019 , 31, e1806446	24	144
38	Titelbild: A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte (Angew. Chem. 8/2018). <i>Angewandte Chemie</i> , 2018 , 130, 2025-2025	3.6	1
37	A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2096-2100	16.4	325
36	A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte. <i>Angewandte Chemie</i> , 2018 , 130, 2118-2122	3.6	24
35	Highly efficient solar vapour generation via hierarchically nanostructured gels. <i>Nature Nanotechnology</i> , 2018 , 13, 489-495	28.7	825
34	Nanostructured Conductive Polymer Gels as a General Framework Material To Improve Electrochemical Performance of Cathode Materials in Li-Ion Batteries. <i>Nano Letters</i> , 2017 , 17, 1906-1914	11.5	107
33	A Conductive Molecular Framework Derived Li ₂ S/N,P-Codoped Carbon Cathode for Advanced Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1602876	21.8	212
32	An All-Stretchable-Component Sodium-Ion Full Battery. <i>Advanced Materials</i> , 2017 , 29, 1700898	24	114
31	Microwave-responsive polymeric core-shell microcarriers for high-efficiency controlled drug release. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3541-3549	7.3	15
30	A Tunable 3D Nanostructured Conductive Gel Framework Electrode for High-Performance Lithium Ion Batteries. <i>Advanced Materials</i> , 2017 , 29, 1603922	24	124
29	Material and Structural Design of Novel Binder Systems for High-Energy, High-Power Lithium-Ion Batteries. <i>Accounts of Chemical Research</i> , 2017 , 50, 2642-2652	24.3	186
28	Multifunctional Nanostructured Conductive Polymer Gels: Synthesis, Properties, and Applications. <i>Accounts of Chemical Research</i> , 2017 , 50, 1734-1743	24.3	257
27	Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermo-responsive Self-Protection of Electrochemical Energy Storage Devices. <i>Advanced Materials</i> , 2016 , 28, 7921-7928	24	87

26	In Situ Reactive Synthesis of Polypyrrole-MnO Coaxial Nanotubes as Sulfur Hosts for High-Performance Lithium-Sulfur Battery. <i>Nano Letters</i> , 2016 , 16, 7276-7281	11.5	236
25	Energy gels: A bio-inspired material platform for advanced energy applications. <i>Nano Today</i> , 2016 , 11, 738-762	17.9	112
24	Designing Hierarchically Nanostructured Conductive Polymer Gels for Electrochemical Energy Storage and Conversion. <i>Chemistry of Materials</i> , 2016 , 28, 2466-2477	9.6	185
23	Understanding the Size-Dependent Sodium Storage Properties of Na ₂ C ₆ O ₆ -Based Organic Electrodes for Sodium-Ion Batteries. <i>Nano Letters</i> , 2016 , 16, 3329-34	11.5	147
22	Smart Electrolytes: Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices (Adv. Mater. 36/2016). <i>Advanced Materials</i> , 2016 , 28, 7810-7810	24	4
21	Rational design and applications of conducting polymer hydrogels as electrochemical biosensors. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2920-2930	7.3	126
20	Nanostructured conducting polymer hydrogels for energy storage applications. <i>Nanoscale</i> , 2015 , 7, 12796-806	7.7	133
19	Nanostructured conductive polymers for advanced energy storage. <i>Chemical Society Reviews</i> , 2015 , 44, 6684-96	58.5	542
18	Self-assembly and organization of nanowires 2015 , 149-171		
17	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7376-80	16.4	117
16	Dopant-Enabled Supramolecular Approach for Controlled Synthesis of Nanostructured Conductive Polymer Hydrogels. <i>Nano Letters</i> , 2015 , 15, 7736-41	11.5	178
15	A Conductive Self-Healing Hybrid Gel Enabled by Metal-Ligand Supramolecule and Nanostructured Conductive Polymer. <i>Nano Letters</i> , 2015 , 15, 6276-81	11.5	294
14	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. <i>Angewandte Chemie</i> , 2015 , 127, 7484-7488	3.6	53
13	Conductive Smart Hybrid Hydrogels with PNIPAM and Nanostructured Conductive Polymers. <i>Advanced Functional Materials</i> , 2015 , 25, 1219-1225	15.6	288
12	A nanostructured conductive hydrogels-based biosensor platform for human metabolite detection. <i>Nano Letters</i> , 2015 , 15, 1146-51	11.5	286
11	Nanostructured conductive polypyrrole hydrogels as high-performance, flexible supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6086-6091	13	516
10	Multifunctional superhydrophobic surfaces templated from innately microstructured hydrogel matrix. <i>Nano Letters</i> , 2014 , 14, 4803-9	11.5	159
9	Functionalizing Single Crystals: Incorporation of Nanoparticles Inside Gel-Grown Calcite Crystals. <i>Angewandte Chemie</i> , 2014 , 126, 4211-4215	3.6	8

8	Functionalizing single crystals: incorporation of nanoparticles inside gel-grown calcite crystals. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4127-31	16.4	49
7	A green, low-cost, and highly effective strategy to enhance the performance of hybrid solar cells: Post-deposition ligand exchange by acetic acid. <i>Solar Energy Materials and Solar Cells</i> , 2013 , 117, 329-335	6.4	20
6	Optical and electrical effects of plasmonic nanoparticles in high-efficiency hybrid solar cells. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 17105-11	3.6	17
5	Texture design of electrodes for efficiency enhancement of organic solar cells. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 2379	13	23
4	Synthesis of monodisperse and single-crystal Fe ₃ O ₄ hollow spheres by a solvothermal approach. <i>Materials Chemistry and Physics</i> , 2012 , 132, 987-992	4.4	10
3	High efficiency hybrid solar cells using post-deposition ligand exchange by monothiols. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 12094-8	3.6	42
2	Novel β -Fe ₂ O ₃ /CdS cornlike nanorods with enhanced photocatalytic performance. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4800-6	9.5	190
1	Fe ₃ O ₄ nanobelts: one-pot and template-free synthesis, magnetic property, and application for lithium storage. <i>Nanotechnology</i> , 2012 , 23, 395601	3.4	18