Ye Shi

List of Publications by Year
in descending order

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43	8,613	136740	223531
papers	citations	32	46
		h-index	g-index

48	48	48	11480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A unimorph nanocomposite dielectric elastomer for large out-of-plane actuation. Science Advances, 2022, 8, eabm6200.	4.7	40
2	A processable, high-performance dielectric elastomer and multilayering process. Science, 2022, 377, 228-232.	6.0	78
3	All-day fresh water harvesting by microstructured hydrogel membranes. Nature Communications, 2021, 12, 2797.	5.8	159
4	Stable and Highâ€Strain Dielectric Elastomer Actuators Based on a Carbon Nanotubeâ€Polymer Bilayer Electrode. Advanced Functional Materials, 2021, 31, 2008321.	7.8	35
5	Silver Nanowireâ€“Bacterial Cellulose Composite Fiber-Based Sensor for Highly Sensitive Detection of Pressure and Proximity. ACS Nano, 2020, 14, 15428-15439.	7.3	130
6	Super Moistureâ€Absorbent Gels for Allâ€Weather Atmospheric Water Harvesting. Advanced Materials, 2019, 31, e1806446.	11.1	281
7	Titelbild: A 3D Nanostructured Hydrogelâ€Frameworkâ€Derived Highâ€Performance Composite Polymer Lithiumâ€Ion Electrolyte (Angew. Chem. 8/2018). Angewandte Chemie, 2018, 130, 2025-2025.	1.6	1
8	A 3D Nanostructured Hydrogelâ€Frameworkâ€Derived Highâ€Performance Composite Polymer Lithiumâ€Ion Electrolyte. Angewandte Chemie - International Edition, 2018, 57, 2096-2100.	7.2	484
9	A 3D Nanostructured Hydrogelâ€Frameworkâ€Derived Highâ€Performance Composite Polymer Lithiumâ€Ion Electrolyte. Angewandte Chemie, 2018, 130, 2118-2122.	1.6	34
10	Highly efficient solar vapour generation via hierarchically nanostructured gels. Nature Nanotechnology, 2018, 13, 489-495.	15.6	1,356
11	Nanostructured Conductive Polymer Gels as a General Framework Material To Improve Electrochemical Performance of Cathode Materials in Li-Ion Batteries. Nano Letters, 2017, 17, 1906-1914.	4.5	131
12	A Conductive Molecular Framework Derived Li₂S/N,Pâ€Codoped Carbon Cathode for Advanced Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2017, 7, 1602876.	10.2	258
13	Conductive Polymers: A Tunable 3D Nanostructured Conductive Gel Framework Electrode for Highâ€Performance Lithium Ion Batteries (Adv. Mater. 22/2017). Advanced Materials, 2017, 29, .	11.1	1
14	An Allâ€Stretchableâ€Component Sodiumâ€Ion Full Battery. Advanced Materials, 2017, 29, 1700898.	11.1	141
15	Microwave-responsive polymeric coreâ€“shell microcarriers for high-efficiency controlled drug release. Journal of Materials Chemistry B, 2017, 5, 3541-3549.	2.9	16
16	A Tunable 3D Nanostructured Conductive Gel Framework Electrode for Highâ€Performance Lithium Ion Batteries. Advanced Materials, 2017, 29, 1603922.	11.1	175
17	Material and Structural Design of Novel Binder Systems for High-Energy, High-Power Lithium-Ion Batteries. Accounts of Chemical Research, 2017, 50, 2642-2652.	7.6	261
18	Multifunctional Nanostructured Conductive Polymer Gels: Synthesis, Properties, and Applications. Accounts of Chemical Research, 2017, 50, 1734-1743.	7.6	343

#	Article	IF	Citations
19	Understanding the Size-Dependent Sodium Storage Properties of Na₂C₆O₆-Based Organic Electrodes for Sodium-Ion Batteries. Nano Letters, 2016, 16, 3329-3334.	4.5	184
20	Smart Electrolytes: Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices (Adv. Mater. 36/2016). Advanced Materials, 2016, 28, 7810-7810.	11.1	4
21	Thermoplastic Elastomerâ€Enabled Smart Electrolyte for Thermoresponsive Selfâ€Protection of Electrochemical Energy Storage Devices. Advanced Materials, 2016, 28, 7921-7928.	11.1	112
22	In Situ Reactive Synthesis of Polypyrrole-MnO₂ Coaxial Nanotubes as Sulfur Hosts for High-Performance Lithiumâ€“Sulfur Battery. Nano Letters, 2016, 16, 7276-7281.	4.5	271
23	Energy gels: A bio-inspired material platform for advanced energy applications. Nano Today, 2016, 11, 738-762.	6.2	144
24	Designing Hierarchically Nanostructured Conductive Polymer Gels for Electrochemical Energy Storage and Conversion. Chemistry of Materials, 2016, 28, 2466-2477.	3.2	205
25	Conductive â€œSmartâ€•Hybrid Hydrogels with PNIPAM and Nanostructured Conductive Polymers. Advanced Functional Materials, 2015, 25, 1219-1225.	7.8	363
26	A Nanostructured Conductive Hydrogels-Based Biosensor Platform for Human Metabolite Detection. Nano Letters, 2015, 15, 1146-1151.	4.5	352
27	Rational design and applications of conducting polymer hydrogels as electrochemical biosensors. Journal of Materials Chemistry B, 2015, 3, 2920-2930.	2.9	146
28	Nanostructured conducting polymer hydrogels for energy storage applications. Nanoscale, 2015, 7, 12796-12806.	2.8	160
29	Nanostructured conductive polymers for advanced energy storage. Chemical Society Reviews, 2015, 44, 6684-6696.	18.7	719
30	Self-assembly and organization of nanowires. , 2015, , 149-171.		0
31	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. Angewandte Chemie - International Edition, 2015, 54, 7376-7380.	7.2	141
32	Dopant-Enabled Supramolecular Approach for Controlled Synthesis of Nanostructured Conductive Polymer Hydrogels. Nano Letters, 2015, 15, 7736-7741.	4.5	227
33	A Conductive Self-Healing Hybrid Gel Enabled by Metalâ€“Ligand Supramolecule and Nanostructured Conductive Polymer. Nano Letters, 2015, 15, 6276-6281.	4.5	356
34	Functionalizing Single Crystals: Incorporation of Nanoparticles Inside Gelâ€Grown Calcite Crystals. Angewandte Chemie - International Edition, 2014, 53, 4127-4131.	7.2	69
35	Nanostructured conductive polypyrrole hydrogels as high-performance, flexible supercapacitor electrodes. Journal of Materials Chemistry A, 2014, 2, 6086-6091.	5.2	624
36	Multifunctional Superhydrophobic Surfaces Templated From Innately Microstructured Hydrogel Matrix. Nano Letters, 2014, 14, 4803-4809.	4.5	183

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37	A green, low-cost, and highly effective strategy to enhance the performance of hybrid solar cells: Post-deposition ligand exchange by acetic acid. Solar Energy Materials and Solar Cells, 2013, 117, 329-335.	3.0	21
38	Optical and electrical effects of plasmonic nanoparticles in high-efficiency hybrid solar cells. Physical Chemistry Chemical Physics, 2013, 15, 17105-17111.	1.3	17
39	Texture design of electrodes for efficiency enhancement of organic solar cells. Journal of Materials Chemistry A, 2013, 1, 2379.	5.2	26
40	High efficiency hybrid solar cells using post-deposition ligand exchange by monothiols. Physical Chemistry Chemical Physics, 2012, 14, 12094.	1.3	42
41	Novel Î±-Fe₂O₃/CdS Cornlike Nanorods with Enhanced Photocatalytic Performance. ACS Applied Materials & Interfaces, 2012, 4, 4800-4806.	4.0	217
42	Fe3O4nanobelts: one-pot and template-free synthesis, magnetic property, and application for lithium storage. Nanotechnology, 2012, 23, 395601.	1.3	18
43	Synthesis of monodisperse and single-crystal Fe3O4 hollow spheres by a solvothermal approach. Materials Chemistry and Physics, 2012, 132, 987-992.	2.0	13