

# Ye Shi

## List of Publications by Citations

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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	Highly efficient solar vapour generation via hierarchically nanostructured gels. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 489-495	28.7	825
42	Nanostructured conductive polymers for advanced energy storage. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 6684-96	58.5	542
41	Nanostructured conductive polypyrrole hydrogels as high-performance, flexible supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 6086-6091	13	516
40	A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2096-2100	16.4	325
39	A Conductive Self-Healing Hybrid Gel Enabled by Metal-Ligand Supramolecule and Nanostructured Conductive Polymer. <i>Nano Letters</i> , <b>2015</b> , 15, 6276-81	11.5	294
38	Conductive Smart Hybrid Hydrogels with PNIPAM and Nanostructured Conductive Polymers. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1219-1225	15.6	288
37	A nanostructured conductive hydrogels-based biosensor platform for human metabolite detection. <i>Nano Letters</i> , <b>2015</b> , 15, 1146-51	11.5	286
36	Multifunctional Nanostructured Conductive Polymer Gels: Synthesis, Properties, and Applications. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 1734-1743	24.3	257
35	In Situ Reactive Synthesis of Polypyrrole-MnO Coaxial Nanotubes as Sulfur Hosts for High-Performance Lithium-Sulfur Battery. <i>Nano Letters</i> , <b>2016</b> , 16, 7276-7281	11.5	236
34	A Conductive Molecular Framework Derived Li <sub>2</sub> S/N,P-Codoped Carbon Cathode for Advanced Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602876	21.8	212
33	Novel Fe <sub>2</sub> O <sub>3</sub> /CdS cornlike nanorods with enhanced photocatalytic performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 4800-6	9.5	190
32	Material and Structural Design of Novel Binder Systems for High-Energy, High-Power Lithium-Ion Batteries. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 2642-2652	24.3	186
31	Designing Hierarchically Nanostructured Conductive Polymer Gels for Electrochemical Energy Storage and Conversion. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 2466-2477	9.6	185
30	Dopant-Enabled Supramolecular Approach for Controlled Synthesis of Nanostructured Conductive Polymer Hydrogels. <i>Nano Letters</i> , <b>2015</b> , 15, 7736-41	11.5	178
29	Multifunctional superhydrophobic surfaces templated from innately microstructured hydrogel matrix. <i>Nano Letters</i> , <b>2014</b> , 14, 4803-9	11.5	159
28	Understanding the Size-Dependent Sodium Storage Properties of Na <sub>2</sub> C <sub>6</sub> O <sub>6</sub> -Based Organic Electrodes for Sodium-Ion Batteries. <i>Nano Letters</i> , <b>2016</b> , 16, 3329-34	11.5	147
27	Super Moisture-Absorbent Gels for All-Weather Atmospheric Water Harvesting. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806446	24	144

26	Nanostructured conducting polymer hydrogels for energy storage applications. <i>Nanoscale</i> , <b>2015</b> , 7, 12796-806	133
25	Rational design and applications of conducting polymer hydrogels as electrochemical biosensors. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2920-2930	7.3 126
24	A Tunable 3D Nanostructured Conductive Gel Framework Electrode for High-Performance Lithium Ion Batteries. <i>Advanced Materials</i> , <b>2017</b> , 29, 1603922	24 124
23	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7376-80	16.4 117
22	An All-Stretchable-Component Sodium-Ion Full Battery. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700898	24 114
21	Energy gels: A bio-inspired material platform for advanced energy applications. <i>Nano Today</i> , <b>2016</b> , 11, 738-762	17.9 112
20	Nanostructured Conductive Polymer Gels as a General Framework Material To Improve Electrochemical Performance of Cathode Materials in Li-Ion Batteries. <i>Nano Letters</i> , <b>2017</b> , 17, 1906-1914	11.5 107
19	Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices. <i>Advanced Materials</i> , <b>2016</b> , 28, 7921-7928	24 87
18	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7484-7488	3.6 53
17	Silver Nanowire-Bacterial Cellulose Composite Fiber-Based Sensor for Highly Sensitive Detection of Pressure and Proximity. <i>ACS Nano</i> , <b>2020</b> , 14, 15428-15439	16.7 50
16	Functionalizing single crystals: incorporation of nanoparticles inside gel-grown calcite crystals. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4127-31	16.4 49
15	High efficiency hybrid solar cells using post-deposition ligand exchange by monothiols. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 12094-8	3.6 42
14	All-day fresh water harvesting by microstructured hydrogel membranes. <i>Nature Communications</i> , <b>2021</b> , 12, 2797	17.4 34
13	A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2118-2122	3.6 24
12	Texture design of electrodes for efficiency enhancement of organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2379	13 23
11	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> , <b>2013</b> , 117, 329-335	6.4 20
10	Fe <sub>3</sub> O <sub>4</sub> nanobelts: one-pot and template-free synthesis, magnetic property, and application for lithium storage. <i>Nanotechnology</i> , <b>2012</b> , 23, 395601	3.4 18
9	Optical and electrical effects of plasmonic nanoparticles in high-efficiency hybrid solar cells. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 17105-11	3.6 17

8	Microwave-responsive polymeric core-shell microcarriers for high-efficiency controlled drug release. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3541-3549	7.3	15
7	Stable and High-Strain Dielectric Elastomer Actuators Based on a Carbon Nanotube-Polymer Bilayer Electrode. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008321	15.6	14
6	Synthesis of monodisperse and single-crystal Fe <sub>3</sub> O <sub>4</sub> hollow spheres by a solvothermal approach. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 132, 987-992	4.4	10
5	A unimorph nanocomposite dielectric elastomer for large out-of-plane actuation.. <i>Science Advances</i> , <b>2022</b> , 8, eabm6200	14.3	9
4	Functionalizing Single Crystals: Incorporation of Nanoparticles Inside Gel-Grown Calcite Crystals. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4211-4215	3.6	8
3	Smart Electrolytes: Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices (Adv. Mater. 36/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 7810-7810	24	4
2	Titelbild: A 3D Nanostructured Hydrogel-Framework-Derived High-Performance Composite Polymer Lithium-Ion Electrolyte (Angew. Chem. 8/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2025-2025	3.6	1
1	Self-assembly and organization of nanowires <b>2015</b> , 149-171		