

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Highly efficient solar vapour generation via hierarchically nanostructured gels. Nature Nanotechnology, 2018, 13, 489-495.	31.5	1,356
2	Nanostructured conductive polymers for advanced energy storage. Chemical Society Reviews, 2015, 44, 6684-6696.	38.1	719
3	Nanostructured conductive polypyrrole hydrogels as high-performance, flexible supercapacitor electrodes. Journal of Materials Chemistry A, 2014, 2, 6086-6091.	10.3	624
4	A 3D Nanostructured Hydrogelâ€Frameworkâ€Derived Highâ€Performance Composite Polymer Lithiumâ€lon Electrolyte. Angewandte Chemie - International Edition, 2018, 57, 2096-2100.	13.8	484
5	Conductive "Smart―Hybrid Hydrogels with PNIPAM and Nanostructured Conductive Polymers. Advanced Functional Materials, 2015, 25, 1219-1225.	14.9	363
6	A Conductive Self-Healing Hybrid Gel Enabled by Metal–Ligand Supramolecule and Nanostructured Conductive Polymer. Nano Letters, 2015, 15, 6276-6281.	9.1	356
7	A Nanostructured Conductive Hydrogels-Based Biosensor Platform for Human Metabolite Detection. Nano Letters, 2015, 15, 1146-1151.	9.1	352
8	Multifunctional Nanostructured Conductive Polymer Gels: Synthesis, Properties, and Applications. Accounts of Chemical Research, 2017, 50, 1734-1743.	15.6	343
9	Super Moistureâ€Absorbent Gels for Allâ€Weather Atmospheric Water Harvesting. Advanced Materials, 2019, 31, e1806446.	21.0	281
10	In Situ Reactive Synthesis of Polypyrrole-MnO <sub>2</sub> Coaxial Nanotubes as Sulfur Hosts for High-Performance Lithium–Sulfur Battery. Nano Letters, 2016, 16, 7276-7281.	9.1	271
11	Material and Structural Design of Novel Binder Systems for High-Energy, High-Power Lithium-Ion Batteries. Accounts of Chemical Research, 2017, 50, 2642-2652.	15.6	261
12	A Conductive Molecular Framework Derived Li <sub>2</sub> S/N,P odoped Carbon Cathode for Advanced Lithium–Sulfur Batteries. Advanced Energy Materials, 2017, 7, 1602876.	19.5	258
13	Dopant-Enabled Supramolecular Approach for Controlled Synthesis of Nanostructured Conductive Polymer Hydrogels. Nano Letters, 2015, 15, 7736-7741.	9.1	227
14	Novel α-Fe <sub>2</sub> O <sub>3</sub> /CdS Cornlike Nanorods with Enhanced Photocatalytic Performance. ACS Applied Materials & Interfaces, 2012, 4, 4800-4806.	8.0	217
15	Designing Hierarchically Nanostructured Conductive Polymer Gels for Electrochemical Energy Storage and Conversion. Chemistry of Materials, 2016, 28, 2466-2477.	6.7	205
16	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. Nano Letters, 2016, 16, 3329-3334.	9.1	184
17	Multifunctional Superhydrophobic Surfaces Templated From Innately Microstructured Hydrogel Matrix. Nano Letters, 2014, 14, 4803-4809.	9.1	183
18	A Tunable 3D Nanostructured Conductive Gel Framework Electrode for Highâ€Performance Lithium Ion Batteries. Advanced Materials, 2017, 29, 1603922.	21.0	175

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19	Nanostructured conducting polymer hydrogels for energy storage applications. Nanoscale, 2015, 7, 12796-12806.	5.6	160
20	All-day fresh water harvesting by microstructured hydrogel membranes. Nature Communications, 2021, 12, 2797.	12.8	159
21	Rational design and applications of conducting polymer hydrogels as electrochemical biosensors. Journal of Materials Chemistry B, 2015, 3, 2920-2930.	5.8	146
22	Energy gels: A bio-inspired material platform for advanced energy applications. Nano Today, 2016, 11, 738-762.	11.9	144
23	Thermally Responsive Hydrogel Blends: A General Drug Carrier Model for Controlled Drug Release. Angewandte Chemie - International Edition, 2015, 54, 7376-7380.	13.8	141
24	An Allâ€ <del>S</del> tretchable omponent Sodiumâ€ <del>I</del> on Full Battery. Advanced Materials, 2017, 29, 1700898.	21.0	141
25	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.	9.1	131
26	Silver Nanowire–Bacterial Cellulose Composite Fiber-Based Sensor for Highly Sensitive Detection of Pressure and Proximity. ACS Nano, 2020, 14, 15428-15439.	14.6	130
27	Thermoplastic Elastomerâ€Enabled Smart Electrolyte for Thermoresponsive Selfâ€Protection of Electrochemical Energy Storage Devices. Advanced Materials, 2016, 28, 7921-7928.	21.0	112
28	A processable, high-performance dielectric elastomer and multilayering process. Science, 2022, 377, 228-232.	12.6	78
29	Functionalizing Single Crystals: Incorporation of Nanoparticles Inside Gelâ€Grown Calcite Crystals. Angewandte Chemie - International Edition, 2014, 53, 4127-4131.	13.8	69
30	High efficiency hybrid solar cells using post-deposition ligand exchange by monothiols. Physical Chemistry Chemical Physics, 2012, 14, 12094.	2.8	42
31	A unimorph nanocomposite dielectric elastomer for large out-of-plane actuation. Science Advances, 2022, 8, eabm6200.	10.3	40
32	Stable and High‣train Dielectric Elastomer Actuators Based on a Carbon Nanotubeâ€Polymer Bilayer Electrode. Advanced Functional Materials, 2021, 31, 2008321.	14.9	35
33	A 3D Nanostructured Hydrogelâ€Frameworkâ€Đerived Highâ€Performance Composite Polymer Lithiumâ€ŀon Electrolyte. Angewandte Chemie, 2018, 130, 2118-2122.	2.0	34
34	Texture design of electrodes for efficiency enhancement of organic solar cells. Journal of Materials Chemistry A, 2013, 1, 2379.	10.3	26
35	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.	6.2	21
36	Fe3O4nanobelts: one-pot and template-free synthesis, magnetic property, and application for lithium storage. Nanotechnology, 2012, 23, 395601.	2.6	18

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37	Optical and electrical effects of plasmonic nanoparticles in high-efficiency hybrid solar cells. Physical Chemistry Chemical Physics, 2013, 15, 17105-17111.	2.8	17
38	Microwave-responsive polymeric core–shell microcarriers for high-efficiency controlled drug release. Journal of Materials Chemistry B, 2017, 5, 3541-3549.	5.8	16
39	Synthesis of monodisperse and single-crystal Fe3O4 hollow spheres by a solvothermal approach. Materials Chemistry and Physics, 2012, 132, 987-992.	4.0	13
40	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.	21.0	4
41	Conductive Polymers: A Tunable 3D Nanostructured Conductive Gel Framework Electrode for Highâ€Performance Lithium Ion Batteries (Adv. Mater. 22/2017). Advanced Materials, 2017, 29, .	21.0	1
42	Titelbild: A 3D Nanostructured Hydrogelâ€Frameworkâ€Derived Highâ€Performance Composite Polymer Lithiumâ€Ion Electrolyte (Angew. Chem. 8/2018). Angewandte Chemie, 2018, 130, 2025-2025.	2.0	1
43	Self-assembly and organization of nanowires. , 2015, , 149-171.		0