

# Jin Ge

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

42  
papers

5,282  
citations

23  
h-index

46  
g-index

46  
ext. papers

6,136  
ext. citations

14.2  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
42	An Efficient Rechargeable Aluminium-Amine Battery Working Under Quaternization Chemistry.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	5
41	Highly stretchable, soft and sticky PDMS elastomer by solvothermal polymerization process. <i>Nano Research</i> , <b>2021</b> , 14, 3636-3642	10	6
40	Joule-heated carbonized melamine sponge for high-speed absorption of viscous oil spills. <i>Nano Research</i> , <b>2021</b> , 14, 2697-2702	10	4
39	Imperceptible Supercapacitors with High Area-Specific Capacitance. <i>Small</i> , <b>2021</b> , 17, e2101704	11	7
38	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100074	24	10
37	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil (Adv. Mater. 36/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170279	24	1
36	Synergistic electroreduction of carbon dioxide to carbon monoxide on bimetallic layered conjugated metal-organic frameworks. <i>Nature Communications</i> , <b>2020</b> , 11, 1409	17.4	166
35	A General and Programmable Synthesis of Graphene-Based Composite Aerogels by a Melamine-Sponge-Templated Hydrothermal Process. <i>CCS Chemistry</i> , <b>2020</b> , 2, 1-12	7.2	8
34	Printable elastic silver nanowire-based conductor for washable electronic textiles. <i>Nano Research</i> , <b>2020</b> , 13, 2879-2884	10	12
33	Untethered and ultrafast soft-bodied robots. <i>Communications Materials</i> , <b>2020</b> , 1,	6	33
32	Sponge-templating synthesis of sandwich-like reduced graphene oxide nanoplates with confined gold nanoparticles and their enhanced stability for solar evaporation. <i>Science China Materials</i> , <b>2020</b> , 63, 1957-1965	7.1	9
31	A bimodal soft electronic skin for tactile and touchless interaction in real time. <i>Nature Communications</i> , <b>2019</b> , 10, 4405	17.4	91
30	Dip-coating processed sponge-based electrodes for stretchable Zn-MnO <sub>2</sub> batteries. <i>Nano Research</i> , <b>2018</b> , 11, 1554-1562	10	35
29	Janus Micromotors: High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors (Small 48/2018). <i>Small</i> , <b>2018</b> , 14, 1870229	11	
28	High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors. <i>Small</i> , <b>2018</b> , 14, e1803613	11	42
27	Highly Stimuli-Responsive Au Nanorods/Poly(N-isopropylacrylamide) (PNIPAM) Composite Hydrogel for Smart Switch. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 24857-24863	9.5	87
26	Joule-heated graphene-wrapped sponge enables fast clean-up of viscous crude-oil spill. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 434-440	28.7	431

25	Encoding Microreactors with Droplet Chains in Microfluidics. <i>ACS Sensors</i> , <b>2017</b> , 2, 1839-1846	9.2	6
24	Super-elastic and fatigue resistant carbon material with lamellar multi-arch microstructure. <i>Nature Communications</i> , <b>2016</b> , 7, 12920	17.4	245
23	A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties. <i>Advanced Materials</i> , <b>2016</b> , 28, 722-8	24	325
22	Free-Standing Copper Nanowire Network Current Collector for Improving Lithium Anode Performance. <i>Nano Letters</i> , <b>2016</b> , 16, 4431-7	11.5	481
21	Coating sponge with a hydrophobic porous coordination polymer containing a low-energy CF <sub>3</sub> -decorated surface for continuous pumping recovery of an oil spill from water. <i>NPG Asia Materials</i> , <b>2016</b> , 8, e253-e253	10.3	89
20	Stretchable Electronics: A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties (Adv. Mater. 4/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 783-783	24	7
19	Three-dimensional melamine sponge loaded with Au/ceria nanowires for continuous reduction of p-nitrophenol in a consecutive flow system. <i>Science Bulletin</i> , <b>2016</b> , 61, 700-705	10.6	18
18	Advanced Sorbents for Oil-Spill Cleanup: Recent Advances and Future Perspectives. <i>Advanced Materials</i> , <b>2016</b> , 28, 10459-10490	24	391
17	Durable Ag/AgCl nanowires assembled in a sponge for continuous water purification under sunlight. <i>Materials Horizons</i> , <b>2015</b> , 2, 509-513	14.4	30
16	Recycling nanowire templates for multiplex templating synthesis: a green and sustainable strategy. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 4935-9	4.8	23
15	Pumping through porous hydrophobic/oleophilic materials: an alternative technology for oil spill remediation. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 3612-6	16.4	223
14	Macroscopic free-standing hierarchical 3D architectures assembled from silver nanowires by ice templating. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4561-6	16.4	158
13	Pumping through Porous Hydrophobic/Oleophilic Materials: An Alternative Technology for Oil Spill Remediation. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 3686-3690	3.6	70
12	Selective epitaxial growth of zinc blende-derivative on wurtzite-derivative: the case of polytypic Cu <sub>2</sub> CdSn(S(1-x)Se(x)) <sub>4</sub> nanocrystals. <i>Nanoscale</i> , <b>2014</b> , 6, 3418-22	7.7	17
11	Nitrogen-doped nanoporous carbon nanosheets derived from plant biomass: an efficient catalyst for oxygen reduction reaction. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 4095-4103	35.4	476
10	Macroscopic Free-Standing Hierarchical 3D Architectures Assembled from Silver Nanowires by Ice Templating. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4649-4654	3.6	23
9	Nanocomposites: 25th Anniversary Article: Artificial Carbonate Nanocrystals and Layered Structural Nanocomposites Inspired by Nacre: Synthesis, Fabrication and Applications (Adv. Mater. 1/2014). <i>Advanced Materials</i> , <b>2014</b> , 26, 192-192	24	2
8	A facile and general coating approach to moisture/water-resistant metal-organic frameworks with intact porosity. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16978-81	16.4	342

7	25th anniversary article: Artificial carbonate nanocrystals and layered structural nanocomposites inspired by nacre: synthesis, fabrication and applications. <i>Advanced Materials</i> , <b>2014</b> , 26, 163-87	24	181
6	A flexible and highly pressure-sensitive graphene-polyurethane sponge based on fractured microstructure design. <i>Advanced Materials</i> , <b>2013</b> , 25, 6692-8	24	819
5	Stretchable conductors based on silver nanowires: improved performance through a binary network design. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1654-9	16.4	168
4	Stretchable Conductors Based on Silver Nanowires: Improved Performance through a Binary Network Design. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 1698-1703	3.6	62
3	Facile dip coating processed graphene/MnO <sub>2</sub> nanostructured sponges as high performance supercapacitor electrodes. <i>Nano Energy</i> , <b>2013</b> , 2, 505-513	17.1	163
2	Pressure Sensors: A Flexible and Highly Pressure-Sensitive Graphene/Polyurethane Sponge Based on Fractured Microstructure Design (Adv. Mater. 46/2013). <i>Advanced Materials</i> , <b>2013</b> , 25, 6691-6691	24	15
1	A General and Programmable Synthesis of Graphene-Based Composite Aerogels by a Melamine-Sponge-Templated Hydrothermal Process. <i>CCS Chemistry</i> , 1-12	7.2	