

# Jin Ge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8332595/publications.pdf>

Version: 2024-02-01

40  
papers

6,968  
citations

218381

26  
h-index

264894

42  
g-index

46  
all docs

46  
docs citations

46  
times ranked

11121  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Flexible and Highly Pressure-Sensitive Graphene-Polyurethane Sponge Based on Fractured Microstructure Design. <i>Advanced Materials</i> , 2013, 25, 6692-6698.	11.1	985
2	Joule-heated graphene-wrapped sponge enables fast clean-up of viscous crude-oil spill. <i>Nature Nanotechnology</i> , 2017, 12, 434-440.	15.6	610
3	Free-Standing Copper Nanowire Network Current Collector for Improving Lithium Anode Performance. <i>Nano Letters</i> , 2016, 16, 4431-4437.	4.5	597
4	Advanced Sorbents for Oil-Spill Cleanup: Recent Advances and Future Perspectives. <i>Advanced Materials</i> , 2016, 28, 10459-10490.	11.1	547
5	Nitrogen-doped nanoporous carbon nanosheets derived from plant biomass: an efficient catalyst for oxygen reduction reaction. <i>Energy and Environmental Science</i> , 2014, 7, 4095-4103.	15.6	537
6	A Facile and General Coating Approach to Moisture/Water-Resistant Metal-Organic Frameworks with Intact Porosity. <i>Journal of the American Chemical Society</i> , 2014, 136, 16978-16981.	6.6	445
7	A Stretchable Electronic Fabric Artificial Skin with Pressure, Lateral Strain, and Flexion-Sensitive Properties. <i>Advanced Materials</i> , 2016, 28, 722-728.	11.1	400
8	Super-elastic and fatigue resistant carbon material with lamellar multi-arch microstructure. <i>Nature Communications</i> , 2016, 7, 12920.	5.8	344
9	Synergistic electroreduction of carbon dioxide to carbon monoxide on bimetallic layered conjugated metal-organic frameworks. <i>Nature Communications</i> , 2020, 11, 1409.	5.8	317
10	Pumping through Porous Hydrophobic/Oleophilic Materials: An Alternative Technology for Oil Spill Remediation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3612-3616.	7.2	253
11	25th Anniversary Article: Artificial Carbonate Nanocrystals and Layered Structural Nanocomposites Inspired by Nacre: Synthesis, Fabrication and Applications. <i>Advanced Materials</i> , 2014, 26, 163-188.	11.1	226
12	A bimodal soft electronic skin for tactile and touchless interaction in real time. <i>Nature Communications</i> , 2019, 10, 4405.	5.8	188
13	Facile dip coating processed graphene/MnO <sub>2</sub> nanostructured sponges as high performance supercapacitor electrodes. <i>Nano Energy</i> , 2013, 2, 505-513.	8.2	187
14	Macroscopic Free-Standing Hierarchical 3D Architectures Assembled from Silver Nanowires by Ice Templating. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4561-4566.	7.2	184
15	Stretchable Conductors Based on Silver Nanowires: Improved Performance through a Binary Network Design. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1654-1659.	7.2	182
16	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> , 2016, 8, e253-e253.	3.8	114
17	Highly Stimuli-Responsive Au Nanorods/Poly( <i>N</i> -isopropylacrylamide) (PNIPAM) Composite Hydrogel for Smart Switch. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 24857-24863.	4.0	113
18	Untethered and ultrafast soft-bodied robots. <i>Communications Materials</i> , 2020, 1, .	2.9	86

#	ARTICLE	IF	CITATIONS
19	High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors. <i>Small</i> , 2018, 14, e1803613.	5.2	56
20	Dip-coating processed sponge-based electrodes for stretchable Zn-MnO <sub>2</sub> batteries. <i>Nano Research</i> , 2018, 11, 1554-1562.	5.8	51
21	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil. <i>Advanced Materials</i> , 2021, 33, e2100074.	11.1	44
22	Durable Ag/AgCl nanowires assembled in a sponge for continuous water purification under sunlight. <i>Materials Horizons</i> , 2015, 2, 509-513.	6.4	31
23	Joule-heated carbonized melamine sponge for high-speed absorption of viscous oil spills. <i>Nano Research</i> , 2021, 14, 2697-2702.	5.8	29
24	An Efficient Rechargeable Aluminium-Amine Battery Working Under Quaternization Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
25	Recycling Nanowire Templates for Multiplex Templating Synthesis: A Green and Sustainable Strategy. <i>Chemistry - A European Journal</i> , 2015, 21, 4935-4939.	1.7	27
26	Printable elastic silver nanowire-based conductor for washable electronic textiles. <i>Nano Research</i> , 2020, 13, 2879-2884.	5.8	27
27	Imperceptible Supercapacitors with High Area-Specific Capacitance. <i>Small</i> , 2021, 17, e2101704.	5.2	26
28	Three-dimensional melamine sponge loaded with Au/ceria nanowires for continuous reduction of p-nitrophenol in a consecutive flow system. <i>Science Bulletin</i> , 2016, 61, 700-705.	4.3	21
29	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> , 2020, 63, 1957-1965.	3.5	20
30	Selective epitaxial growth of zinc blende-derivative on wurtzite-derivative: the case of polytypic Cu <sub>2</sub> CdSn(S <sub>1-x</sub> Se <sub>x</sub> ) <sub>4</sub> nanocrystals. <i>Nanoscale</i> , 2014, 6, 3418.	2.8	19
31	Pressure Sensors: A Flexible and Highly Pressure-Sensitive Graphene-Polyurethane Sponge Based on Fractured Microstructure Design ( <i>Adv. Mater.</i> 46/2013). <i>Advanced Materials</i> , 2013, 25, 6691-6691.	11.1	17
32	Highly stretchable, soft and sticky PDMS elastomer by solvothermal polymerization process. <i>Nano Research</i> , 2021, 14, 3636-3642.	5.8	17
33	A General and Programmable Synthesis of Graphene-Based Composite Aerogels by a Melamine-Sponge-Templated Hydrothermal Process. <i>CCS Chemistry</i> , 2020, 2, 1-12.	4.6	17
34	Stretchable Electronics: A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties ( <i>Adv. Mater.</i> 4/2016). <i>Advanced Materials</i> , 2016, 28, 783-783.	11.1	9
35	Encoding Microreactors with Droplet Chains in Microfluidics. <i>ACS Sensors</i> , 2017, 2, 1839-1846.	4.0	8
36	An Efficient Rechargeable Aluminium-Amine Battery Working Under Quaternization Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7

#	ARTICLE	IF	CITATIONS
37	Nanocomposites: 25th Anniversary Article: Artificial Carbonate Nanocrystals and Layered Structural Nanocomposites Inspired by Nacre: Synthesis, Fabrication and Applications (Adv. Mater. 1/2014). Advanced Materials, 2014, 26, 192-192.	11.1	3
38	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil (Adv. Mater.) Tj ETQq0 0,0 rgBT /Oylock 10	11.1	1
39	Janus Micromotors: High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors (Small 48/2018). Small, 2018, 14, 1870229.	5.2	0
40	A General and Programmable Synthesis of Graphene-Based Composite Aerogels by a Melamine-Sponge-Templated Hydrothermal Process. CCS Chemistry, 0, , 1-12.	4.6	0