

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.

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	A flexible and highly pressure-sensitive graphene-polyurethane sponge based on fractured microstructure design. <i>Advanced Materials</i> , 2013 , 25, 6692-8	24	819
41	Free-Standing Copper Nanowire Network Current Collector for Improving Lithium Anode Performance. <i>Nano Letters</i> , 2016 , 16, 4431-7	11.5	481
40	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	35.4	476
39	Joule-heated graphene-wrapped sponge enables fast clean-up of viscous crude-oil spill. <i>Nature Nanotechnology</i> , 2017 , 12, 434-440	28.7	431
38	Advanced Sorbents for Oil-Spill Cleanup: Recent Advances and Future Perspectives. <i>Advanced Materials</i> , 2016 , 28, 10459-10490	24	391
37	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, 16978-81	16.4	342
36	A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties. <i>Advanced Materials</i> , 2016 , 28, 722-8	24	325
35	Super-elastic and fatigue resistant carbon material with lamellar multi-arch microstructure. <i>Nature Communications</i> , 2016 , 7, 12920	17.4	245
34	Pumping through porous hydrophobic/oleophilic materials: an alternative technology for oil spill remediation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3612-6	16.4	223
33	25th anniversary article: Artificial carbonate nanocrystals and layered structural nanocomposites inspired by nacre: synthesis, fabrication and applications. <i>Advanced Materials</i> , 2014 , 26, 163-87	24	181
32	Stretchable conductors based on silver nanowires: improved performance through a binary network design. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1654-9	16.4	168
31	Synergistic electroreduction of carbon dioxide to carbon monoxide on bimetallic layered conjugated metal-organic frameworks. <i>Nature Communications</i> , 2020 , 11, 1409	17.4	166
30	Facile dip coating processed graphene/MnO ₂ nanostructured sponges as high performance supercapacitor electrodes. <i>Nano Energy</i> , 2013 , 2, 505-513	17.1	163
29	Macroscopic free-standing hierarchical 3D architectures assembled from silver nanowires by ice templating. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4561-6	16.4	158
28	A bimodal soft electronic skin for tactile and touchless interaction in real time. <i>Nature Communications</i> , 2019 , 10, 4405	17.4	91
27	Coating sponge with a hydrophobic porous coordination polymer containing a low-energy CF ₃ -decorated surface for continuous pumping recovery of an oil spill from water. <i>NPG Asia Materials</i> , 2016 , 8, e253-e253	10.3	89
26	Highly Stimuli-Responsive Au Nanorods/Poly(N-isopropylacrylamide) (PNIPAM) Composite Hydrogel for Smart Switch. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 24857-24863	9.5	87

25	Pumping through Porous Hydrophobic/Oleophilic Materials: An Alternative Technology for Oil Spill Remediation. <i>Angewandte Chemie</i> , 2014 , 126, 3686-3690	3.6	70
24	Stretchable Conductors Based on Silver Nanowires: Improved Performance through a Binary Network Design. <i>Angewandte Chemie</i> , 2013 , 125, 1698-1703	3.6	62
23	High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors. <i>Small</i> , 2018 , 14, e1803613	11	42
22	Dip-coating processed sponge-based electrodes for stretchable Zn-MnO ₂ batteries. <i>Nano Research</i> , 2018 , 11, 1554-1562	10	35
21	Untethered and ultrafast soft-bodied robots. <i>Communications Materials</i> , 2020 , 1,	6	33
20	Durable Ag/AgCl nanowires assembled in a sponge for continuous water purification under sunlight. <i>Materials Horizons</i> , 2015 , 2, 509-513	14.4	30
19	Macroscopic Free-Standing Hierarchical 3D Architectures Assembled from Silver Nanowires by Ice Templating. <i>Angewandte Chemie</i> , 2014 , 126, 4649-4654	3.6	23
18	Recycling nanowire templates for multiplex templating synthesis: a green and sustainable strategy. <i>Chemistry - A European Journal</i> , 2015 , 21, 4935-9	4.8	23
17	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	10.6	18
16	Selective epitaxial growth of zinc blende-derivative on wurtzite-derivative: the case of polytypic Cu ₂ CdSn(S(1-x)Se(x)) ₄ nanocrystals. <i>Nanoscale</i> , 2014 , 6, 3418-22	7.7	17
15	Pressure Sensors: A Flexible and Highly Pressure-Sensitive Graphene/Polyurethane Sponge Based on Fractured Microstructure Design (Adv. Mater. 46/2013). <i>Advanced Materials</i> , 2013 , 25, 6691-6691	24	15
14	Printable elastic silver nanowire-based conductor for washable electronic textiles. <i>Nano Research</i> , 2020 , 13, 2879-2884	10	12
13	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil. <i>Advanced Materials</i> , 2021 , 33, e2100074	24	10
12	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	7.1	9
11	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	7.2	8
10	Imperceptible Supercapacitors with High Area-Specific Capacitance. <i>Small</i> , 2021 , 17, e2101704	11	7
9	Stretchable Electronics: A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties (Adv. Mater. 4/2016). <i>Advanced Materials</i> , 2016 , 28, 783-783	24	7
8	Encoding Microreactors with Droplet Chains in Microfluidics. <i>ACS Sensors</i> , 2017 , 2, 1839-1846	9.2	6

7	Highly stretchable, soft and sticky PDMS elastomer by solvothermal polymerization process. <i>Nano Research</i> , 2021 , 14, 3636-3642	10	6
6	An Efficient Rechargeable Aluminium-Amine Battery Working Under Quaternization Chemistry.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	5
5	Joule-heated carbonized melamine sponge for high-speed absorption of viscous oil spills. <i>Nano Research</i> , 2021 , 14, 2697-2702	10	4
4	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> , 2014 , 26, 192-192	24	2
3	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil (Adv. Mater. 36/2021). <i>Advanced Materials</i> , 2021 , 33, 2170279	24	1
2	Janus Micromotors: High-Motility Visible Light-Driven Ag/AgCl Janus Micromotors (Small 48/2018). <i>Small</i> , 2018 , 14, 1870229	11	
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	