

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.

30 papers	2,494 citations	18 h-index	31 g-index
31 ext. papers	2,745 ext. citations	15.4 avg, IF	4.63 L-index

#	Paper	IF	Citations
30	A low-concentration hydrothermal synthesis of biocompatible ordered mesoporous carbon nanospheres with tunable and uniform size. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7987-91	16.4	543
29	Two-dimensional mesoporous carbon nanosheets and their derived graphene nanosheets: synthesis and efficient lithium ion storage. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1524-30	16.4	514
28	Synthesis of 2D-Mesoporous-Carbon/MoS Heterostructures with Well-Defined Interfaces for High-Performance Lithium-Ion Batteries. <i>Advanced Materials</i> , 2016 , 28, 9385-9390	24	218
27	Dual-pore mesoporous carbon@silica composite core-shell nanospheres for multidrug delivery. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5366-70	16.4	153
26	Core-shell Ag@SiO ₂ @mSiO ₂ mesoporous nanocarriers for metal-enhanced fluorescence. <i>Chemical Communications</i> , 2011 , 47, 11618-20	5.8	153
25	Rational design of silicon structures for optically controlled multiscale biointerfaces. <i>Nature Biomedical Engineering</i> , 2018 , 2, 508-521	19	121
24	An aqueous emulsion route to synthesize mesoporous carbon vesicles and their nanocomposites. <i>Advanced Materials</i> , 2010 , 22, 833-7	24	103
23	Interface tension-induced synthesis of monodispersed mesoporous carbon hemispheres. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2808-11	16.4	98
22	A Low-Concentration Hydrothermal Synthesis of Biocompatible Ordered Mesoporous Carbon Nanospheres with Tunable and Uniform Size. <i>Angewandte Chemie</i> , 2010 , 122, 8159-8163	3.6	81
21	Growth of Single-Crystal Mesoporous Carbons with Im3 m Symmetry. <i>Chemistry of Materials</i> , 2010 , 22, 4828-4833	9.6	66
20	Oriented mesoporous nanopyramids as versatile plasmon-enhanced interfaces. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6822-5	16.4	58
19	One-step hydrothermal synthesis of carboxyl-functionalized upconversion phosphors for bioapplications. <i>Chemistry - A European Journal</i> , 2012 , 18, 13642-50	4.8	58
18	Dual-Pore Mesoporous Carbon@Silica Composite CoreShell Nanospheres for Multidrug Delivery. <i>Angewandte Chemie</i> , 2014 , 126, 5470-5474	3.6	44
17	Enhanced Electrochemical and Thermal Transport Properties of Graphene/MoS Heterostructures for Energy Storage: Insights from Multiscale Modeling. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14614-14621	9.5	43
16	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8425-9	16.4	37
15	Texturing Silicon Nanowires for Highly Localized Optical Modulation of Cellular Dynamics. <i>Nano Letters</i> , 2018 , 18, 4487-4492	11.5	34
14	Recent advances in bioelectronics chemistry. <i>Chemical Society Reviews</i> , 2020 , 49, 7978-8035	58.5	30

13	In-situ confined growth of monodisperse pt nanoparticle@graphene nanobox composites as electrocatalytic nanoreactors. <i>Small</i> , 2015 , 11, 1003-10	11	21
12	Alloy-assisted deposition of three-dimensional arrays of atomic gold catalyst for crystal growth studies. <i>Nature Communications</i> , 2017 , 8, 2014	17.4	18
11	Hierarchical mesoporous/microporous carbon with graphitized frameworks for high-performance lithium-ion batteries. <i>APL Materials</i> , 2014 , 2, 113302	5.7	15
10	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie</i> , 2015 , 127, 8545-8549	3.6	14
9	Micelle-enabled self-assembly of porous and monolithic carbon membranes for bioelectronic interfaces. <i>Nature Nanotechnology</i> , 2021 , 16, 206-213	28.7	13
8	Site-specific carbon deposition for hierarchically ordered core/shell-structured graphitic carbon with remarkable electrochemical performance. <i>ChemSusChem</i> , 2013 , 6, 1938-44	8.3	12
7	Structured silicon for revealing transient and integrated signal transductions in microbial systems. <i>Science Advances</i> , 2020 , 6, eaay2760	14.3	10
6	Levelling the playing field: screening for synergistic effects in coalesced bimetallic nanoparticles. <i>Nanoscale</i> , 2016 , 8, 3447-53	7.7	9
5	Soft-Hard Composites for Bioelectric Interfaces. <i>Trends in Chemistry</i> , 2020 , 2, 519-534	14.8	8
4	Controlling stem cell fate using cold atmospheric plasma. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 368	8.3	7
3	Cold atmospheric plasma as an interface biotechnology for enhancing surgical implants. <i>Critical Reviews in Biotechnology</i> , 2021 , 41, 425-440	9.4	7
2	Dissecting Biological and Synthetic Soft-Hard Interfaces for Tissue-Like Systems. <i>Chemical Reviews</i> , 2021 ,	68.1	5
1	Rektitlebild: Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates (Angew. Chem. 29/2015). <i>Angewandte Chemie</i> , 2015 , 127, 8686-8686	3.6	