JÃ¶rg G Werner

List of Publications by Year
in descending order

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26	1,020	471061	552369
papers	citations	17 h-index	26 g-index

26	26	26	1701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transient laser heating induced hierarchical porous structures from block copolymerâ€“directed self-assembly. Science, 2015, 349, 54-58.	6.0	145
2	Block copolymer derived 3-D interpenetrating multifunctional gyroidal nanohybrids for electrical energy storage. Energy and Environmental Science, 2018, 11, 1261-1270.	15.6	124
3	Block copolymer self-assemblyâ€“directed synthesis of mesoporous gyroidal superconductors. Science Advances, 2016, 2, e1501119.	4.7	104
4	Synthesis and Characterization of Gyroidal Mesoporous Carbons and Carbon Monoliths with Tunable Ultralarge Pore Size. ACS Nano, 2014, 8, 731-743.	7.3	92
5	Carbonâ€“Sulfur Composites from Cylindrical and Gyroidal Mesoporous Carbons with Tunable Properties in Lithiumâ€“Sulfur Batteries. Chemistry of Materials, 2015, 27, 3349-3357.	3.2	65
6	Hydrogel microcapsules with photocatalytic nanoparticles for removal of organic pollutants. Environmental Science: Nano, 2020, 7, 656-664.	2.2	51
7	Hydrogel Microcapsules with Dynamic pH-Responsive Properties from Methacrylic Anhydride. Macromolecules, 2018, 51, 5798-5805.	2.2	45
8	Characterization of Sulfur and Nanostructured Sulfur Battery Cathodes in Electron Microscopy Without Sublimation Artifacts. Microscopy and Microanalysis, 2017, 23, 155-162.	0.2	40
9	Ordered Mesoporous Microcapsules from Double Emulsion Confined Block Copolymer Self-Assembly. ACS Nano, 2021, 15, 3490-3499.	7.3	40
10	Functional Microcapsules via Thiolâ€“Ene Photopolymerization in Droplet-Based Microfluidics. ACS Applied Materials & Interfaces, 2017, 9, 3288-3293.	4.0	39
11	Dynamic Microcapsules with Rapid and Reversible Permeability Switching. Advanced Functional Materials, 2018, 28, 1803385.	7.8	37
12	Pathways to Mesoporous Resin/Carbon Thin Films with Alternating Gyroid Morphology. ACS Nano, 2018, 12, 347-358.	7.3	35
13	Hydrogel micromotors with catalyst-containing liquid core and shell. Journal of Physics Condensed Matter, 2019, 31, 214004.	0.7	31
14	One-Pot Synthesis of Hierarchically Macro- and Mesoporous Carbon Materials with Graded Porosity. ACS Macro Letters, 2015, 4, 477-482.	2.3	25
15	Gyroidal mesoporous multifunctional nanocomposites via atomic layer deposition. Nanoscale, 2014, 6, 8736.	2.8	22
16	Absorbentâ€“Adsorbates: Large Amphiphilic Janus Microgels as Droplet Stabilizers. ACS Applied Materials & Interfaces, 2020, 12, 33439-33446.	4.0	22
17	Graded porous inorganic materials derived from self-assembled block copolymer templates. Nanoscale, 2015, 7, 5826-5834.	2.8	21
18	Stimuli responsive Janus microgels with convertible hydrophilicity for controlled emulsion destabilization. Soft Matter, 2020, 16, 3613-3620.	1.2	18

#	Article	IF	Citations
19	Synthesis and Formation Mechanism of All-Organic Block Copolymer-Directed Templating of Laser-Induced Crystalline Silicon Nanostructures. ACS Applied Materials & Interfaces, 2018, 10, 42777-42785.	4.0	15
20	Ordered mesoporous crystalline aluminas from self-assembly of ABC triblock terpolymerâ€“butanolâ€“alumina sols. RSC Advances, 2015, 5, 49287-49294.	1.7	13
21	Electrochemical generation of hexacyanoferrate and hexacyanoruthanate electroactive films at nickel electrode surfaces: A promising synthetic approach for new electrode materials in metal ion batteries and supercapacitors. Journal of Electroanalytical Chemistry, 2020, 871, 114284.	1.9	12
22	Microfluidic Fabrication of Phase-Inverted Microcapsules with Asymmetric Shell Membranes with Graded Porosity. ACS Macro Letters, 2021, 10, 116-121.	2.3	7
23	Nanoscale Q-Resolved Phonon Dynamics in Block Copolymers. ACS Applied Nano Materials, 2018, 1, 4918-4926.	2.4	6
24	Characterizing Sulfur in TEM and STEM, with Applications to Lithium Sulfur Batteries. Microscopy and Microanalysis, 2014, 20, 446-447.	0.2	5
25	Dielectrophoretic Characterization of Dynamic Microcapsules and Their Magnetophoretic Manipulation. ACS Applied Materials & Interfaces, 2022, 14, 15765-15773.	4.0	4
26	Electric field induced macroscopic cellular phase of nanoparticles. Soft Matter, 2022, 18, 1991-1996.	1.2	2