

Jörg G Werner

List of Publications by Year in descending order

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26
papers

1,020
citations

471061

17
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

1701
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field induced macroscopic cellular phase of nanoparticles. <i>Soft Matter</i> , 2022, 18, 1991-1996.	1.2	2
2	Dielectrophoretic Characterization of Dynamic Microcapsules and Their Magnetophoretic Manipulation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15765-15773.	4.0	4
3	Ordered Mesoporous Microcapsules from Double Emulsion Confined Block Copolymer Self-Assembly. <i>ACS Nano</i> , 2021, 15, 3490-3499.	7.3	40
4	Microfluidic Fabrication of Phase-Inverted Microcapsules with Asymmetric Shell Membranes with Graded Porosity. <i>ACS Macro Letters</i> , 2021, 10, 116-121.	2.3	7
5	Hydrogel microcapsules with photocatalytic nanoparticles for removal of organic pollutants. <i>Environmental Science: Nano</i> , 2020, 7, 656-664.	2.2	51
6	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. <i>Journal of Electroanalytical Chemistry</i> , 2020, 871, 114284.	1.9	12
7	Stimuli responsive Janus microgels with convertible hydrophilicity for controlled emulsion destabilization. <i>Soft Matter</i> , 2020, 16, 3613-3620.	1.2	18
8	Absorbentâ€“Adsorbates: Large Amphiphilic Janus Microgels as Droplet Stabilizers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33439-33446.	4.0	22
9	Hydrogel micromotors with catalyst-containing liquid core and shell. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 214004.	0.7	31
10	Block copolymer derived 3-D interpenetrating multifunctional gyroidal nanohybrids for electrical energy storage. <i>Energy and Environmental Science</i> , 2018, 11, 1261-1270.	15.6	124
11	Pathways to Mesoporous Resin/Carbon Thin Films with Alternating Gyroid Morphology. <i>ACS Nano</i> , 2018, 12, 347-358.	7.3	35
12	Synthesis and Formation Mechanism of All-Organic Block Copolymer-Directed Templating of Laser-Induced Crystalline Silicon Nanostructures. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42777-42785.	4.0	15
13	Nanoscale <i>in situ</i> -Resolved Phonon Dynamics in Block Copolymers. <i>ACS Applied Nano Materials</i> , 2018, 1, 4918-4926.	2.4	6
14	Dynamic Microcapsules with Rapid and Reversible Permeability Switching. <i>Advanced Functional Materials</i> , 2018, 28, 1803385.	7.8	37
15	Hydrogel Microcapsules with Dynamic pH-Responsive Properties from Methacrylic Anhydride. <i>Macromolecules</i> , 2018, 51, 5798-5805.	2.2	45
16	Functional Microcapsules via Thiolâ€“ene Photopolymerization in Droplet-Based Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3288-3293.	4.0	39
17	Characterization of Sulfur and Nanostructured Sulfur Battery Cathodes in Electron Microscopy Without Sublimation Artifacts. <i>Microscopy and Microanalysis</i> , 2017, 23, 155-162.	0.2	40
18	Block copolymer self-assemblyâ€“directed synthesis of mesoporous gyroidal superconductors. <i>Science Advances</i> , 2016, 2, e1501119.	4.7	104

#	ARTICLE	IF	CITATIONS
19	One-Pot Synthesis of Hierarchically Macro- and Mesoporous Carbon Materials with Graded Porosity. ACS Macro Letters, 2015, 4, 477-482.	2.3	25
20	Ordered mesoporous crystalline aluminas from self-assembly of ABC triblock terpolymer- <i>t</i> -butanol- <i>o</i> -alumina sols. RSC Advances, 2015, 5, 49287-49294.	1.7	13
21	Transient laser heating induced hierarchical porous structures from block copolymer-directed self-assembly. Science, 2015, 349, 54-58.	6.0	145
22	Carbon-Sulfur Composites from Cylindrical and Gyroidal Mesoporous Carbons with Tunable Properties in Lithium-Sulfur Batteries. Chemistry of Materials, 2015, 27, 3349-3357.	3.2	65
23	Graded porous inorganic materials derived from self-assembled block copolymer templates. Nanoscale, 2015, 7, 5826-5834.	2.8	21
24	Synthesis and Characterization of Gyroidal Mesoporous Carbons and Carbon Monoliths with Tunable Ultralarge Pore Size. ACS Nano, 2014, 8, 731-743.	7.3	92
25	Gyroidal mesoporous multifunctional nanocomposites via atomic layer deposition. Nanoscale, 2014, 6, 8736.	2.8	22
26	Characterizing Sulfur in TEM and STEM, with Applications to Lithium Sulfur Batteries. Microscopy and Microanalysis, 2014, 20, 446-447.	0.2	5