

Jörg G Werner

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,020
citations

471509

17
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552781

26
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26
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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. | 2.7 | 2 |
| 2 | Dielectrophoretic Characterization of Dynamic Microcapsules and Their Magnetophoretic Manipulation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15765-15773. | 8.0 | 4 |
| 3 | Ordered Mesoporous Microcapsules from Double Emulsion Confined Block Copolymer Self-Assembly. <i>ACS Nano</i> , 2021, 15, 3490-3499. | 14.6 | 40 |
| 4 | Microfluidic Fabrication of Phase-Inverted Microcapsules with Asymmetric Shell Membranes with Graded Porosity. <i>ACS Macro Letters</i> , 2021, 10, 116-121. | 4.8 | 7 |
| 5 | Hydrogel microcapsules with photocatalytic nanoparticles for removal of organic pollutants. <i>Environmental Science: Nano</i> , 2020, 7, 656-664. | 4.3 | 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. | 3.8 | 12 |
| 7 | Stimuli responsive Janus microgels with convertible hydrophilicity for controlled emulsion destabilization. <i>Soft Matter</i> , 2020, 16, 3613-3620. | 2.7 | 18 |
| 8 | Absorbentâ€“Adsorbates: Large Amphiphilic Janus Microgels as Droplet Stabilizers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33439-33446. | 8.0 | 22 |
| 9 | Hydrogel micromotors with catalyst-containing liquid core and shell. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 214004. | 1.8 | 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. | 30.8 | 124 |
| 11 | Pathways to Mesoporous Resin/Carbon Thin Films with Alternating Gyroid Morphology. <i>ACS Nano</i> , 2018, 12, 347-358. | 14.6 | 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. | 8.0 | 15 |
| 13 | Nanoscale <i>in situ</i> -Resolved Phonon Dynamics in Block Copolymers. <i>ACS Applied Nano Materials</i> , 2018, 1, 4918-4926. | 5.0 | 6 |
| 14 | Dynamic Microcapsules with Rapid and Reversible Permeability Switching. <i>Advanced Functional Materials</i> , 2018, 28, 1803385. | 14.9 | 37 |
| 15 | Hydrogel Microcapsules with Dynamic pH-Responsive Properties from Methacrylic Anhydride. <i>Macromolecules</i> , 2018, 51, 5798-5805. | 4.8 | 45 |
| 16 | Functional Microcapsules via Thiolâ€“ene Photopolymerization in Droplet-Based Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3288-3293. | 8.0 | 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. | 0.4 | 40 |
| 18 | Block copolymer self-assemblyâ€“directed synthesis of mesoporous gyroidal superconductors. <i>Science Advances</i> , 2016, 2, e1501119. | 10.3 | 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. | 4.8 | 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. | 3.6 | 13 |
| 21 | Transient laser heating induced hierarchical porous structures from block copolymer-directed self-assembly. Science, 2015, 349, 54-58. | 12.6 | 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. | 6.7 | 65 |
| 23 | Graded porous inorganic materials derived from self-assembled block copolymer templates. Nanoscale, 2015, 7, 5826-5834. | 5.6 | 21 |
| 24 | Synthesis and Characterization of Gyroidal Mesoporous Carbons and Carbon Monoliths with Tunable Ultralarge Pore Size. ACS Nano, 2014, 8, 731-743. | 14.6 | 92 |
| 25 | Gyroidal mesoporous multifunctional nanocomposites via atomic layer deposition. Nanoscale, 2014, 6, 8736. | 5.6 | 22 |
| 26 | Characterizing Sulfur in TEM and STEM, with Applications to Lithium Sulfur Batteries. Microscopy and Microanalysis, 2014, 20, 446-447. | 0.4 | 5 |