

Fan Li

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,879
citations

567281

15
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

3100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Colloidal Assembly: The Road from Particles to Colloidal Molecules and Crystals. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 360-388. | 13.8 | 659 |
| 2 | Morphological Control in Colloidal Crystal Templating of Inverse Opals, Hierarchical Structures, and Shaped Particles. <i>Chemistry of Materials</i> , 2008, 20, 649-666. | 6.7 | 456 |
| 3 | Effects of Hierarchical Architecture on Electronic and Mechanical Properties of Nanocast Monolithic Porous Carbons and Carbon ¹³ C Carbon Nanocomposites. <i>Chemistry of Materials</i> , 2006, 18, 5543-5553. | 6.7 | 169 |
| 4 | Controlling the Shape and Alignment of Mesopores by Confinement in Colloidal Crystals: A Designer Pathways to Silica Monoliths with Hierarchical Porosity. <i>Langmuir</i> , 2007, 23, 3996-4004. | 3.5 | 88 |
| 5 | Direct Synthesis of Shaped Carbon Nanoparticles with Ordered Cubic Mesostructure. <i>Nano Letters</i> , 2007, 7, 3223-3226. | 9.1 | 85 |
| 6 | Shaping Mesoporous Silica Nanoparticles by Disassembly of Hierarchically Porous Structures. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1885-1888. | 13.8 | 65 |
| 7 | Disassembly and Self-Reassembly in Periodic Nanostructures: A Face-Centered Simple Cubic Transformation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6666-6669. | 13.8 | 58 |
| 8 | Site-Specific Functionalization of Anisotropic Nanoparticles: From Colloidal Atoms to Colloidal Molecules. <i>Journal of the American Chemical Society</i> , 2009, 131, 18548-18555. | 13.7 | 55 |
| 9 | Synthesis of monolithic 3D ordered macroporous carbon/nano-silicon composites by diodosilane decomposition. <i>Carbon</i> , 2008, 46, 1702-1710. | 10.3 | 35 |
| 10 | Template-Directed Synthesis and Organization of Shaped Oxide/Phosphate Nanoparticles. <i>Chemistry of Materials</i> , 2010, 22, 3226-3235. | 6.7 | 28 |
| 11 | In situ high temperature TEM analysis of sintering in nanostructured tungsten and tungsten-molybdenum alloy photonic crystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 1538-1545. | 6.7 | 25 |
| 12 | Functional Composite Membranes Based on Mesoporous Silica Spheres in a Hierarchically Porous Matrix. <i>Chemistry of Materials</i> , 2010, 22, 3790-3797. | 6.7 | 21 |
| 13 | Conjugation of Colloidal Clusters and Chains by Capillary Condensation. <i>Journal of the American Chemical Society</i> , 2009, 131, 9920-9921. | 13.7 | 19 |
| 14 | Synthesis of shaped particles and particle arrays by disassembly methods. <i>Journal of Materials Chemistry</i> , 2009, 19, 2102. | 6.7 | 15 |
| 15 | Simulation-Aided Design and Synthesis of Hierarchically Porous Membranes. <i>Langmuir</i> , 2012, 28, 7484-7491. | 3.5 | 13 |
| 16 | Cover Picture: Shaping Mesoporous Silica Nanoparticles by Disassembly of Hierarchically Porous Structures (<i>Angew. Chem. Int. Ed.</i> 11/2007). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1749-1749. | 13.8 | 0 |
| 17 | SHAPED METAL OXIDE-PHOSPHATE COMPOSITE NANOPARTICLES SYNTHESIZED BY TEMPLATED DISASSEMBLY. , 2008, , . | | 0 |