

## List of Publications by Year in descending order

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29  
papers

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docs citations

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times ranked

1435  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Black Charcoal for Green and Scalable Wooden Electrodes for Supercapabatteries. Energy Technology, 2022, 10, .  | 3.8  | 1         |
| 2  | Morphology effects on electrocatalysis of anodic water splitting on nickel (II) oxide. Microporous and Mesoporous Materials, 2022, 333, 111734.   | 4.4  | 17        |
| 3  | A shelf-life study of silica- and carbon-based mesoporous materials. Journal of Industrial and Engineering Chemistry, 2021, 101, 205-213.   | 5.8  | 10        |
| 4  | Self-Assembly of Mechanoplasmonic Bacterial Cellulose-Metal Nanoparticle Composites. Advanced Functional Materials, 2020, 30, 2004766.  | 14.9 | 24        |
| 5  | Cobalt thin films as water-recombination electrocatalysts. Surface and Coatings Technology, 2020, 404, 126643.  | 4.8  | 8         |
| 6  | Cell adherence and drug delivery from particle based mesoporous silica films. RSC Advances, 2019, 9, 17745-17753.   | 3.6  | 9         |
| 7  | Impact of the morphological and chemical properties of copper-zirconium-SBA-15 catalysts on the conversion and selectivity in carbon dioxide hydrogenation. Journal of Colloid and Interface Science, 2019, 546, 163-173. | 9.4  | 17        |
| 8  | Growth and Functionalization of Particle-Based Mesoporous Silica Films and Their Usage in Catalysis. Nanomaterials, 2019, 9, 562.   | 4.1  | 9         |
| 9  | Mesoporous Silica-gold Films for Straightforward, Highly Reproducible Monitoring of Mercury Traces in Water. Nanomaterials, 2019, 9, 35.  | 4.1  | 9         |
| 10 | Nanoporous Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Thin Films for Transferable Thermoelectrics. ACS Applied Energy Materials, 2018, 1, 2261-2268.  | 5.1  | 54        |
| 11 | Formation of block-copolymer-templated mesoporous silica. Journal of Colloid and Interface Science, 2018, 521, 183-189.   | 9.4  | 20        |
| 12 | Mesoporous silica and carbon based catalysts for esterification and biodiesel fabrication-The effect of matrix surface composition and porosity. Applied Catalysis A: General, 2017, 533, 49-58.                          | 4.3  | 40        |
| 13 | Synthesizing and Characterizing Mesoporous Silica SBA-15: A Hands-On Laboratory Experiment for Undergraduates Using Various Instrumental Techniques. Journal of Chemical Education, 2017, 94, 91-94.                      | 2.3  | 23        |
| 14 | Synthesis of a Cu-infiltrated Zr-doped SBA-15 catalyst for CO <sub>2</sub> hydrogenation into methanol and dimethyl ether. Physical Chemistry Chemical Physics, 2017, 19, 19139-19149.                                    | 2.8  | 23        |
| 15 | Shape engineering boosts antibacterial activity of chitosan coated mesoporous silica nanoparticle doped with silver: a mechanistic investigation. Journal of Materials Chemistry B, 2016, 4, 3292-3304.                   | 5.8  | 50        |
| 16 | Propylsulfonic acid functionalized mesoporous silica catalysts for esterification of fatty acids. Journal of Molecular Catalysis A, 2015, 410, 253-259.   | 4.8  | 37        |
| 17 | Targeted delivery of a novel anticancer compound anisomelic acid using chitosan-coated porous silica nanorods for enhancing the apoptotic effect. Biomaterials Science, 2015, 3, 103-111.                                 | 5.4  | 34        |
| 18 | Single-pot synthesis of ordered mesoporous silica films with unique controllable morphology. Journal of Colloid and Interface Science, 2014, 413, 1-7.  | 9.4  | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Tuning the Shape of Mesoporous Silica Particles by Alterations in Parameter Space: From Rods to Platelets. <i>Langmuir</i> , 2013, 29, 13551-13561.  | 3.5 | 44        |
| 20 | Immobilization of lipase from <i>Mucor miehei</i> and <i>Rhizopus oryzae</i> into mesoporous silicaâ€”The effect of varied particle size and morphology. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 100, 22-30. | 5.0 | 81        |
| 21 | Shape engineering vs organic modification of inorganic nanoparticles as a tool for enhancing cellular internalization. <i>Nanoscale Research Letters</i> , 2012, 7, 358.   | 5.7 | 61        |
| 22 | Low temperature nanocasting of hematite nanoparticles using mesoporous silica molds. <i>Powder Technology</i> , 2012, 217, 269-273.  | 4.2 | 5         |
| 23 | Rapid Synthesis of SBA-15 Rods with Variable Lengths, Widths, and Tunable Large Pores. <i>Langmuir</i> , 2011, 27, 4994-4999.  | 3.5 | 72        |
| 24 | Silica SBA-15 Template Assisted Synthesis of Ultrasmall and Homogeneously Sized Copper Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3493-3498.  | 0.9 | 4         |
| 25 | Annealing of Thermally Sprayed Ti2AlC Coatings. <i>International Journal of Applied Ceramic Technology</i> , 2011, 8, 74-84.   | 2.1 | 36        |
| 26 | Synthesis of hollow silica spheres SBA-16 with large-pore diameter. <i>Materials Letters</i> , 2011, 65, 1066-1068.  | 2.6 | 17        |
| 27 | Growth of single crystalline dendritic Li2SiO3 arrays from LiNO3 and mesoporous SiO2. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1735-1739.  | 2.9 | 4         |
| 28 | The effects on pore size and particle morphology of heptane additions to the synthesis of mesoporous silica SBA-15. <i>Microporous and Mesoporous Materials</i> , 2010, 133, 66-74.  | 4.4 | 58        |
| 29 | Synthesis and characterization of large mesoporous silica SBA-15 sheets with ordered accessible 18Ånm pores. <i>Materials Letters</i> , 2009, 63, 2129-2131.   | 2.6 | 31        |