# Yonghui Deng

List of Publications by Year
in descending order



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|---|---|---|---|
| 199 papers | 18,852 citations | 10373 72 h-index | 12585 132 g-index |
| 204 all docs | 204 docs citations | 204 times ranked | 18938 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A facile construction of bifunctional core-shell magnetic fluorescent Fe3O4@YVO4:Eu3+ microspheres for latent fingerprint detection. Journal of Colloid and Interface Science, 2022, 605, 425-431. | 5.0 | 27 |
| 2 | Ultrathin 2D NbWO<sub>6</sub> Perovskite Semiconductor Based Gas Sensors with Ultrahigh Selectivity under Low Working Temperature. Advanced Materials, 2022, 34, e2104958. | 11.1 | 46 |
| 3 | Rationally Designed Dualâ€Mesoporous Transition Metal Oxides/Noble Metal Nanocomposites for Fabrication of Gas Sensors in Realâ€Time Detection of 3â€Hydroxyâ€2â€Butanone Biomarker. Advanced Functional Materials, 2022, 32, 2107439. | 7.8 | 46 |
| 4 | Self-template synthesis of mesoporous Au-SnO2 nanospheres for low-temperature detection of triethylamine vapor. Sensors and Actuators B: Chemical, 2022, 356, 131358. | 4.0 | 34 |
| 5 | Versatile coreâ€“shell magnetic fluorescent mesoporous microspheres for multilevel latent fingerprints magnetoâ€optic information recognition. InformaÄnÃ-MateriÃ¡ly, 2022, 4, . | 8.5 | 15 |
| 6 | Engineering Pore Walls of Mesoporous Tungsten Oxides via Ce Doping for the Development of High-Performance Smart Gas Sensors. Chemistry of Materials, 2022, 34, 2321-2332. | 3.2 | 18 |
| 7 | Synthesis of Bi2O2CO3/In(OH)3Â·xH2O nanocomposites for isopropanol sensor with excellent performances at low temperature. Sensors and Actuators B: Chemical, 2022, 361, 131715. | 4.0 | 30 |
| 8 | Rational Design of Multifunctional CuS Nanoparticleâ€PEG Composite Soft Hydrogelâ€Coated 3D Hard Polycaprolactone Scaffolds for Efficient Bone Regeneration. Advanced Functional Materials, 2022, 32, . | 7.8 | 62 |
| 9 | Polyphenol-Mediated Synthesis of Mesoporous Auâ€“In<sub>2</sub>O<sub>3</sub> Nanospheres for Room-Temperature Detection of Triethylamine. ACS Applied Nano Materials, 2022, 5, 9688-9697. | 2.4 | 7 |
| 10 | Recent advance in synthesis and application of heteroatom zeolites. Chinese Chemical Letters, 2021, 32, 328-338. | 4.8 | 28 |
| 11 | Sulfonic acid-functionalized core-shell Fe3O4@carbon microspheres as magnetically recyclable solid acid catalysts. Chinese Chemical Letters, 2021, 32, 2079-2085. | 4.8 | 15 |
| 12 | Hydrothermal synthesis of hierarchical SnO2 nanomaterials for high-efficiency detection of pesticide residue. Chinese Chemical Letters, 2021, 32, 1502-1506. | 4.8 | 22 |
| 13 | Tailored Mesoporous Inorganic Biomaterials: Assembly, Functionalization, and Drug Delivery Engineering. Advanced Materials, 2021, 33, e2005215. | 11.1 | 100 |
| 14 | A fast on-demand preparation of injectable self-healing nanocomposite hydrogels for efficient osteoinduction. Chinese Chemical Letters, 2021, 32, 2159-2163. | 4.8 | 26 |
| 15 | General and Efficient Synthesis of Two-Dimensional Monolayer Mesoporous Materials with Diverse Framework Compositions. ACS Applied Materials & Interfaces, 2021, 13, 1222-1233. | 4.0 | 9 |
| 16 | Prolonged use of nitric oxide donor sodium nitroprusside induces ocular hypertension in mice. Experimental Eye Research, 2021, 202, 108280. | 1.2 | 11 |
| 17 | A facile construction of heterostructured ZnO/Co3O4 mesoporous spheres and superior acetone sensing performance. Chinese Chemical Letters, 2021, 32, 1998-2004. | 4.8 | 19 |
| 18 | Mesoporous Materialsâ€“Based Electrochemical Biosensors from Enzymatic to Nonenzymatic. Small, 2021, 17, e1904022. | 5.2 | 49 |

| # | Article | IF | Citations |
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| 19 | Facile synthesis of metal-polyphenol-formaldehyde coordination polymer colloidal nanoparticles with sub-50 nm for T1-weighted magnetic resonance imaging. Chinese Chemical Letters, 2021, 32, 842-848. | 4.8 | 24 |
| 20 | Recent Advances in Design of Functional Biocompatible Hydrogels for Bone Tissue Engineering. Advanced Functional Materials, 2021, 31, 2009432. | 7.8 | 212 |
| 21 | Structure Engineering of Yolkâ€“Shell Magnetic Mesoporous Silica Microspheres with Broccoliâ€Like Morphology for Efficient Catalysis and Enhanced Cellular Uptake. Small, 2021, 17, e2006925. | 5.2 | 16 |
| 22 | One-dimensional nanochains consisting of magnetic core and mesoporous aluminosilicate for use as efficient nanocatalysts. Nano Research, 2021, 14, 4197-4203. | 5.8 | 9 |
| 23 | Smart Cargo Delivery System based on Mesoporous Nanoparticles for Bone Disease Diagnosis and Treatment. Advanced Science, 2021, 8, e2004586. | 5.6 | 28 |
| 24 | Controllable Multicomponent Coâ€Assembly Approach to Ordered Mesoporous Zirconia Supported with Wellâ€Dispersed Tungsten Oxide Clusters as Highâ€Performance Catalysts. ChemCatChem, 2021, 13, 2863-2872. | 1.8 | 8 |
| 25 | Size-Controlled Au Nanoparticles Incorporating Mesoporous ZnO for Sensitive Ethanol Sensing. ACS Applied Materials & Interfaces, 2021, 13, 51933-51944. | 4.0 | 40 |
| 26 | Improved Treatment on Ocular Inflammation with Rationally Designed Thermoresponsive Nanocomposite Formulation. Advanced Therapeutics, 2021, 4, 2100088. | 1.6 | 7 |
| 27 | Interface Assembly to Magnetic Mesoporous Organosilica Microspheres with Tunable Surface Roughness as Advanced Catalyst Carriers and Adsorbents. ACS Applied Materials & Interfaces, 2021, 13, 36138-36146. | 4.0 | 14 |
| 28 | Selfâ€Hybrid Transition Metal Oxide Nanosheets Synthesized by a Facile Programmable and Scalable Carbonateâ€Template Method. Small, 2021, 17, e2103176. | 5.2 | 13 |
| 29 | Interfacial Assembly and Applications of Functional Mesoporous Materials. Chemical Reviews, 2021, 121, 14349-14429. | 23.0 | 151 |
| 30 | Noble Metal Nanoparticles Decorated Metal Oxide Semiconducting Nanowire Arrays Interwoven into 3D Mesoporous Superstructures for Low-Temperature Gas Sensing. ACS Central Science, 2021, 7, 1885-1897. | 5.3 | 45 |
| 31 | Advances in the Interfacial Assembly of Mesoporous Silica on Magnetite Particles. Angewandte Chemie - International Edition, 2020, 59, 15804-15817. | 7.2 | 45 |
| 32 | Advances in the Interfacial Assembly of Mesoporous Silica on Magnetite Particles. Angewandte Chemie, 2020, 132, 15936-15949. | 1.6 | 9 |
| 33 | Controllable synthesis of highly crystallized mesoporous TiO2/WO3 heterojunctions for acetone gas sensing. Chinese Chemical Letters, 2020, 31, 1119-1123. | 4.8 | 22 |
| 34 | Stepwise construction of Pt decorated oxygen-deficient mesoporous titania microspheres with core-shell structure and magnetic separability for efficient visible-light photocatalysis. Chinese Chemical Letters, 2020, 31, 1598-1602. | 4.8 | 17 |
| 35 | Synthesis of orthogonally assembled 3D cross-stacked metal oxide semiconducting nanowires. Nature Materials, 2020, 19, 203-211. | 13.3 | 172 |
| 36 | Au Nanoparticles Decorated Mesoporous SiO<sub>2</sub>â€“WO<sub>3</sub> Hybrid Materials with Improved Pore Connectivity for Ultratrace Ethanol Detection at Low Operating Temperature. Small, 2020, 16, e2004772. | 5.2 | 37 |

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| 37 | Confined interfacial micelle aggregating assembly of ordered macroâ€“mesoporous tungsten oxides for H<sub>2</sub>S sensing. Nanoscale, 2020, 12, 20811-20819. | 2.8 | 15 |
| 38 | Synthesis of Podlike Magnetic Mesoporous Silica Nanochains for Use as Enzyme Support and Nanostirrer in Biocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 17901-17908. | 4.0 | 33 |
| 39 | Highly dispersed Pt nanoparticles on ultrasmall EMT zeolite: A peroxidase-mimic nanoenzyme for detection of H2O2 or glucose. Journal of Colloid and Interface Science, 2020, 570, 300-311. | 5.0 | 48 |
| 40 | An Efficient Emulsionâ€Induced Interface Assembly Approach for Rational Synthesis of Mesoporous Carbon Spheres with Versatile Architectures. Advanced Functional Materials, 2020, 30, 2002488. | 7.8 | 38 |
| 41 | A Universal Labâ€onâ€Saltâ€Particle Approach to 2D Singleâ€Layer Ordered Mesoporous Materials. Advanced Materials, 2020, 32, e1906653. | 11.1 | 41 |
| 42 | Recent advances in amphiphilic block copolymer templated mesoporous metal-based materials: assembly engineering and applications. Chemical Society Reviews, 2020, 49, 1173-1208. | 18.7 | 103 |
| 43 | Interface Coassembly and Polymerization on Magnetic Colloids: Toward Coreâ€“Shell Functional Mesoporous Polymer Microspheres and Their Carbon Derivatives. Advanced Science, 2020, 7, 2000443. | 5.6 | 37 |
| 44 | Hollow Mesoporous Carbon Nanospheres Loaded with Pt Nanoparticles for Colorimetric Detection of Ascorbic Acid and Glucose. ACS Applied Nano Materials, 2020, 3, 4586-4598. | 2.4 | 44 |
| 45 | Cytotoxicity induced by new spiral mesoporous silica nanorods via specific surface area and ROS accumulation in HeLa cells. Materials Advances, 2020, 1, 3556-3564. | 2.6 | 3 |
| 46 | Recyclable Fenton-like catalyst based on zeolite Y supported ultrafine, highly-dispersed Fe2O3 nanoparticles for removal of organics under mild conditions. Chinese Chemical Letters, 2019, 30, 324-330. | 4.8 | 64 |
| 47 | Largeâ€Pore Mesoporous CeO<sub>2</sub>â€“ZrO<sub>2</sub> Solid Solutions with Inâ€Pore Confined Pt Nanoparticles for Enhanced CO Oxidation. Small, 2019, 15, e1903058. | 5.2 | 43 |
| 48 | Rational Synthesis and Gas Sensing Performance of Ordered Mesoporous Semiconducting WO<sub>3</sub>/NiO Composites. ACS Applied Materials & Interfaces, 2019, 11, 26268-26276. | 4.0 | 74 |
| 49 | A General and Straightforward Route to Noble Metalâ€Decorated Mesoporous Transitionâ€Metal Oxides with Enhanced Gas Sensing Performance. Small, 2019, 15, e1904240. | 5.2 | 45 |
| 50 | Hierarchical Branched Mesoporous TiO<sub>2</sub>â€“SnO<sub>2</sub> Nanocomposites with Wellâ€Defined nâ€“n Heterojunctions for Highly Efficient Ethanol Sensing. Advanced Science, 2019, 6, 1902008. | 5.6 | 84 |
| 51 | General Synthesis of Mixed Semiconducting Metal Oxide Hollow Spheres with Tunable Compositions for Low-Temperature Chemiresistive Sensing. ACS Applied Materials & Interfaces, 2019, 11, 35060-35067. | 4.0 | 29 |
| 52 | Mesoporous amorphous Al<sub>2</sub>O<sub>3</sub>/crystalline WO<sub>3</sub> heterophase hybrids for electrocatalysis and gas sensing applications. Journal of Materials Chemistry A, 2019, 7, 21874-21883. | 5.2 | 34 |
| 53 | Cementing Mesoporous ZnO with Silica for Controllable and Switchable Gas Sensing Selectivity. Chemistry of Materials, 2019, 31, 8112-8120. | 3.2 | 58 |
| 54 | Sensing Devices of Semiconducting Metal Oxides Gas Sensors. , 2019, , 153-173. | | 4 |

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| 55 | Semiconducting Metal Oxides for Gas Sensing. , 2019, , . | | 36 |
| 56 | Applications of Semiconducting Metal Oxides Gas Sensors. , 2019, , 195-241. | | 1 |
| 57 | Understanding Semiconducting Metal Oxide Gas Sensors. , 2019, , 1-22. | | 0 |
| 58 | Sensing Mechanism and Evaluation Criteria of Semiconducting Metal Oxides Gas Sensors. , 2019, , 23-51. | | 10 |
| 59 | Semiconducting Metal Oxides: Morphology and Sensing Performance. , 2019, , 53-75. | | 1 |
| 60 | Semiconducting Metal Oxides: Composition and Sensing Performance. , 2019, , 77-103. | | 2 |
| 61 | Semiconducting Metal Oxides: Microstructure and Sensing Performance. , 2019, , 105-135. | | 1 |
| 62 | Ordered mesoporous CoO/CeO2 heterostructures with highly crystallized walls and enhanced peroxidase-like bioactivity. Applied Materials Today, 2019, 15, 482-493. | 2.3 | 33 |
| 63 | Nonsacrificial Selfâ€Template Synthesis of Colloidal Magnetic Yolkâ€“Shell Mesoporous Organosilicas for Efficient Oil/Water Interface Catalysis. Small, 2019, 15, e1805465. | 5.2 | 40 |
| 64 | sp<sup>2</sup>-Hybridized Carbon-Containing Block Copolymer Templated Synthesis of Mesoporous Semiconducting Metal Oxides with Excellent Gas Sensing Property. Accounts of Chemical Research, 2019, 52, 714-725. | 7.6 | 90 |
| 65 | <p>A perspective on magnetic core–shell carriers for responsive and targeted drug delivery systems</p>. International Journal of Nanomedicine, 2019, Volume 14, 1707-1723. | 3.3 | 86 |
| 66 | Amphiphilic block copolymers directed synthesis of mesoporous nickel-based oxides with bimodal mesopores and nanocrystal-assembled walls. Chinese Chemical Letters, 2019, 30, 2003-2008. | 4.8 | 17 |
| 67 | Coreâ€“Shell Magnetic Mesoporous Silica Microspheres with Large Mesopores for Enzyme Immobilization in Biocatalysis. ACS Applied Materials & Interfaces, 2019, 11, 10356-10363. | 4.0 | 83 |
| 68 | Pore Engineering of Mesoporous Tungsten Oxides for Ultrasensitive Gas Sensing. Advanced Materials Interfaces, 2019, 6, 1801269. | 1.9 | 35 |
| 69 | Rational design of a stable peroxidase mimic for colorimetric detection of H2O2 and glucose: A synergistic CeO2/Zeolite Y nanocomposite. Journal of Colloid and Interface Science, 2019, 535, 425-435. | 5.0 | 75 |
| 70 | Quantified mass transfer and superior antiflooding performance of ordered macroâ€mesoporous electrocatalysts. AICHE Journal, 2018, 64, 2881-2889. | 1.8 | 22 |
| 71 | 3D Interconnected Mesoporous Alumina with Loaded Hemoglobin as a Highly Active Electrochemical Biosensor for H<sub>2</sub>O<sub>2</sub>. Advanced Healthcare Materials, 2018, 7, e1800149. | 3.9 | 28 |
| 72 | One-step synthesis of in-situ N-doped ordered mesoporous titania for enhanced gas sensing performance. Microporous and Mesoporous Materials, 2018, 270, 75-81. | 2.2 | 23 |

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| 73 | High-performance H2 sensors with selectively hydrophobic micro-plate for self-aligned upload of Pd nanodots modified mesoporous In2O3 sensing-material. Sensors and Actuators B: Chemical, 2018, 267, 83-92. | 4.0 | 55 |
| 74 | Sensors: Pt Nanoparticles Sensitized Ordered Mesoporous WO<sub>3</sub> Semiconductor: Gas Sensing Performance and Mechanism Study (Adv. Funct. Mater. 6/2018). Advanced Functional Materials, 2018, 28, 1870040. | 7.8 | 7 |
| 75 | A systematic investigation of the bio-toxicity of core-shell magnetic mesoporous silica microspheres using zebrafish model. Microporous and Mesoporous Materials, 2018, 265, 195-201. | 2.2 | 27 |
| 76 | Ordered Mesoporous Tin Oxide Semiconductors with Large Pores and Crystallized Walls for High-Performance Gas Sensing. ACS Applied Materials & Interfaces, 2018, 10, 1871-1880. | 4.0 | 89 |
| 77 | A template-catalyzed in situ polymerization and co-assembly strategy for rich nitrogen-doped mesoporous carbon. Journal of Materials Chemistry A, 2018, 6, 3162-3170. | 5.2 | 77 |
| 78 | Polymerization-Induced Colloid Assembly Route to Iron Oxide-Based Mesoporous Microspheres for Gas Sensing and Fenton Catalysis. ACS Applied Materials & Interfaces, 2018, 10, 13028-13039. | 4.0 | 26 |
| 79 | Exposed metal oxide active sites on mesoporous titania channels: a promising design for low-temperature selective catalytic reduction of NO with NH<sub>3</sub>. Chemical Communications, 2018, 54, 3783-3786. | 2.2 | 23 |
| 80 | Ordered porous metal oxide semiconductors for gas sensing. Chinese Chemical Letters, 2018, 29, 405-416. | 4.8 | 134 |
| 81 | Pt Nanoparticles Sensitized Ordered Mesoporous WO<sub>3</sub> Semiconductor: Gas Sensing Performance and Mechanism Study. Advanced Functional Materials, 2018, 28, 1705268. | 7.8 | 231 |
| 82 | Sensors: Self-Template Synthesis of Mesoporous Metal Oxide Spheres with Metal-Mediated Inner Architectures and Superior Sensing Performance (Adv. Funct. Mater. 51/2018). Advanced Functional Materials, 2018, 28, 1870364. | 7.8 | 4 |
| 83 | Local Delivery and Sustainedâ€Release of Nitric Oxide Donor Loaded in Mesoporous Silica Particles for Efficient Treatment of Primary Openâ€Angle Glaucoma. Advanced Healthcare Materials, 2018, 7, e1801047. | 3.9 | 47 |
| 84 | Selfâ€Template Synthesis of Mesoporous Metal Oxide Spheres with Metalâ€Mediated Inner Architectures and Superior Sensing Performance. Advanced Functional Materials, 2018, 28, 1806144. | 7.8 | 51 |
| 85 | Controllable Interfaceâ€Induced Coâ€Assembly toward Highly Ordered Mesoporous Pt@TiO<sub>2</sub>/gâ€C<sub>3</sub>N<sub>4</sub> Heterojunctions with Enhanced Photocatalytic Performance. Advanced Functional Materials, 2018, 28, 1806214. | 7.8 | 99 |
| 86 | High performance lithium-sulfur batteries by facilely coating a conductive carbon nanotube or graphene layer. Chinese Chemical Letters, 2018, 29, 1777-1780. | 4.8 | 28 |
| 87 | Rational construction of self-assembly azobenzene derivative monolayers with photoswitchable surface properties. Chinese Chemical Letters, 2018, 29, 1661-1665. | 4.8 | 5 |
| 88 | A Magneticâ€Field Guided Interface Coassembly Approach to Magnetic Mesoporous Silica Nanochains for Osteoclastâ€Targeted Inhibition and Heterogeneous Nanocatalysis. Advanced Materials, 2018, 30, e1707515. | 11.1 | 96 |
| 89 | Amphiphilic Block Copolymers Directed Interface Coassembly to Construct Multifunctional Microspheres with Magnetic Core and Monolayer Mesoporous Aluminosilicate Shell. Advanced Materials, 2018, 30, e1800345. | 11.1 | 45 |
| 90 | A vesicle-aggregation-assembly approach to highly ordered mesoporous Î³-alumina microspheres with shifted double-diamond networks. Chemical Science, 2018, 9, 7705-7714. | 3.7 | 20 |

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| 91 | Rational Design of Yolkâ€“Shell CuO/Silicalite-1@mSiO<sub>2</sub> Composites for a High-Performance Nonenzymatic Glucose Biosensor. Langmuir, 2018, 34, 7663-7672. | 1.6 | 25 |
| 92 | Nanoscale zero-valent iron in mesoporous carbon (nZVI@C): stable nanoparticles for metal extraction and catalysis. Journal of Materials Chemistry A, 2017, 5, 4478-4485. | 5.2 | 62 |
| 93 | New Insight into the Synthesis of Large-Pore Ordered Mesoporous Materials. Journal of the American Chemical Society, 2017, 139, 1706-1713. | 6.6 | 274 |
| 94 | Ordered Mesoporous Alumina with Ultra-Large Pores as an Efficient Absorbent for Selective Bioenrichment. Chemistry of Materials, 2017, 29, 2211-2217. | 3.2 | 89 |
| 95 | Nanoengineering of Coreâ€“Shell Magnetic Mesoporous Microspheres with Tunable Surface Roughness. Journal of the American Chemical Society, 2017, 139, 4954-4961. | 6.6 | 135 |
| 96 | Synthesis of ZSM-5 aggregates made of zeolite nanocrystals through a simple solvent-free method. Microporous and Mesoporous Materials, 2017, 243, 112-118. | 2.2 | 47 |
| 97 | Oxygen-deficient WO<sub>3â^'x</sub>@TiO<sub>2â^'x</sub> coreâ€“shell nanosheets for efficient photoelectrochemical oxidation of neutral water solutions. Journal of Materials Chemistry A, 2017, 5, 14697-14706. | 5.2 | 68 |
| 98 | Synthesis of WO3@ZnWO4@ZnO-ZnO hierarchical nanocactus arrays for efficient photoelectrochemical water splitting. Nano Energy, 2017, 41, 543-551. | 8.2 | 61 |
| 99 | N-doped carbon hollow microspheres for metal-free quasi-solid-state full sodium-ion capacitors. Nano Energy, 2017, 41, 674-680. | 8.2 | 153 |
| 100 | Plasmolysis-Inspired Nanoengineering of Functional Yolkâ€“Shell Microspheres with Magnetic Core and Mesoporous Silica Shell. Journal of the American Chemical Society, 2017, 139, 15486-15493. | 6.6 | 187 |
| 101 | Mesoporous Tungsten Oxides with Crystalline Framework for Highly Sensitive and Selective Detection of Foodborne Pathogens. Journal of the American Chemical Society, 2017, 139, 10365-10373. | 6.6 | 200 |
| 102 | Magnetic mesoporous nanospheres anchored with LyP-1 as an efficient pancreatic cancer probe. Biomaterials, 2017, 115, 9-18. | 5.7 | 41 |
| 103 | Self-aligned precise upload of Pd-modified mesoporous In<inf>2</inf>O<inf>3</inf> on suspended MEMS heating-plate for ultra-sensitive H<inf>2</inf> gas sensing. , 2017, , . | | 0 |
| 104 | Coreâ€“Shell Silicon@Mesoporous TiO<sub>2</sub> Heterostructure: Towards Solarâ€Powered Photoelectrochemical Conversion. ChemNanoMat, 2016, 2, 647-651. | 1.5 | 4 |
| 105 | Scalable synthesis of mesoporous titania microspheres via spray-drying method. Journal of Colloid and Interface Science, 2016, 479, 150-159. | 5.0 | 27 |
| 106 | Monodisperse mesoporous TiO2 microspheres for dye sensitized solar cells. Nano Energy, 2016, 26, 16-25. | 8.2 | 49 |
| 107 | Surfactant-templating strategy for ultrathin mesoporous TiO2 coating on flexible graphitized carbon supports for high-performance lithium-ion battery. Nano Energy, 2016, 25, 80-90. | 8.2 | 103 |
| 108 | Controlled deposition of Pt nanoparticles on Fe<sub>3</sub>O<sub>4</sub>@carbon microspheres for efficient oxidation of 5-hydroxymethylfurfural. RSC Advances, 2016, 6, 51229-51237. | 1.7 | 45 |

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|---|---|---|---|
| 109 | Ordered Mesoporous Carbonaceous Materials with Tunable Surface Property for Enrichment of Hexachlorobenzene. Langmuir, 2016, 32, 9922-9929. | 1.6 | 21 |
| 110 | Interfacial engineering of magnetic particles with porous shells: Towards magnetic core â€“ Porous shell microparticles. Nano Today, 2016, 11, 464-482. | 6.2 | 61 |
| 111 | Controlled Synthesis of Ordered Mesoporous Carbon-Cobalt Oxide Nanocomposites with Large Mesopores and Graphitic Walls. Chemistry of Materials, 2016, 28, 7773-7780. | 3.2 | 63 |
| 112 | A Micelle Fusionâ€“Aggregation Assembly Approach to Mesoporous Carbon Materials with Rich Active Sites for Ultrasensitive Ammonia Sensing. Journal of the American Chemical Society, 2016, 138, 12586-12595. | 6.6 | 152 |
| 113 | Chelation-assisted soft-template synthesis of ordered mesoporous zinc oxides for low concentration gas sensing. Journal of Materials Chemistry A, 2016, 4, 15064-15071. | 5.2 | 93 |
| 114 | Hierarchical ordered macro/mesoporous titania with a highly interconnected porous structure for efficient photocatalysis. Journal of Materials Chemistry A, 2016, 4, 16446-16453. | 5.2 | 27 |
| 115 | Amphiphilic Block Copolymer Templated Synthesis of Mesoporous Indium Oxides with Nanosheet-Assembled Pore Walls. Chemistry of Materials, 2016, 28, 7997-8005. | 3.2 | 74 |
| 116 | Ordered mesoporous silica/polyvinylidene fluoride composite membranes for effective removal of water contaminants. Journal of Materials Chemistry A, 2016, 4, 3850-3857. | 5.2 | 28 |
| 117 | Hollow TiO2â€“X porous microspheres composed of well-crystalline nanocrystals for high-performance lithium-ion batteries. Nano Research, 2016, 9, 165-173. | 5.8 | 60 |
| 118 | Synthesis of Ordered Mesoporous Silica with Tunable Morphologies and Pore Sizes via a Nonpolar Solvent-Assisted StÃ¶ber Method. Chemistry of Materials, 2016, 28, 2356-2362. | 3.2 | 159 |
| 119 | A facile biliquid-interface co-assembly synthesis of mesoporous vesicles with large pore sizes. CrystEngComm, 2016, 18, 4343-4348. | 1.3 | 10 |
| 120 | Radially oriented mesoporous TiO <sub>2</sub> microspheres with single-crystalâ€“like anatase walls for high-efficiency optoelectronic devices. Science Advances, 2015, 1, e1500166. | 4.7 | 139 |
| 121 | Designed Fabrication and Characterization of Three-Dimensionally Ordered Arrays of Coreâ€“Shell Magnetic Mesoporous Carbon Microspheres. ACS Applied Materials & Interfaces, 2015, 7, 5312-5319. | 4.0 | 115 |
| 122 | Magnetic yolkâ€“shell mesoporous silica microspheres with supported Au nanoparticles as recyclable high-performance nanocatalysts. Journal of Materials Chemistry A, 2015, 3, 4586-4594. | 5.2 | 129 |
| 123 | Magnetic yolk-shell structured anatase-based microspheres loaded with Au nanoparticles for heterogeneous catalysis. Nano Research, 2015, 8, 238-245. | 5.8 | 62 |
| 124 | An Interface Coassembly in Biliquid Phase: Toward Coreâ€“Shell Magnetic Mesoporous Silica Microspheres with Tunable Pore Size. Journal of the American Chemical Society, 2015, 137, 13282-13289. | 6.6 | 239 |
| 125 | Plasmonic Silver Supercrystals with Ultrasmall Nanogaps for Ultrasensitive SERSâ€Based Molecule Detection. Advanced Optical Materials, 2015, 3, 404-411. | 3.6 | 53 |
| 126 | Mesoporous TiO<sub>2</sub> Mesocrystals: Remarkable Defects-Induced Crystallite-Interface Reactivity and Their in Situ Conversion to Single Crystals. ACS Central Science, 2015, 1, 400-408. | 5.3 | 74 |

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| 127 | Nitrogen-doped ordered mesoporous carbons based on cyanamide as the dopant for supercapacitor. Carbon, 2015, 84, 335-346. | 5.4 | 210 |
| 128 | Selectivity Enhancement in Dynamic Kinetic Resolution of Secondary Alcohols through Adjusting the Micro-Environment of Metal Complex Confined in Nanochannels: A Promising Strategy for Tandem Reactions. ACS Catalysis, 2015, 5, 27-33. | 5.5 | 36 |
| 129 | Synthesis of Nanoporous Polystyrene Microspheres for Efficient Incorporation ofL-Menthol. Chinese Journal of Organic Chemistry, 2015, 35, 390. | 0.6 | 0 |
| 130 | Azobenzeneâ€Đerived Surfactants as Phototriggered Recyclable Templates for the Synthesis of Ordered Mesoporous Silica Nanospheres. Advanced Materials, 2014, 26, 1782-1787. | 11.1 | 42 |
| 131 | A versatile designed synthesis of magnetically separable nano-catalysts with well-defined coreâ€“shell nanostructures. Journal of Materials Chemistry A, 2014, 2, 6071-6074. | 5.2 | 63 |
| 132 | Templated Fabrication of Coreâ€“Shell Magnetic Mesoporous Carbon Microspheres in 3-Dimensional Ordered Macroporous Silicas. Chemistry of Materials, 2014, 26, 3316-3321. | 3.2 | 54 |
| 133 | Tricomponent Coassembly Approach To Synthesize Ordered Mesoporous Carbon/Silica Nanocomposites and Their Derivative Mesoporous Silicas with Dual Porosities. Chemistry of Materials, 2014, 26, 2438-2444. | 3.2 | 41 |
| 134 | Synthesis of coreâ€“shell structured zeolite-A@mesoporous silica composites for butyraldehyde adsorption. Journal of Colloid and Interface Science, 2014, 428, 251-256. | 5.0 | 15 |
| 135 | Advanced H<sub>2</sub>-storage system fabricated through chemical layer deposition in a well-designed porous carbon scaffold. Journal of Materials Chemistry A, 2014, 2, 15168-15174. | 5.2 | 6 |
| 136 | Rational synthesis of superparamagnetic coreâ€“shell structured mesoporous microspheres with large pore sizes. Journal of Materials Chemistry A, 2014, 2, 18322-18328. | 5.2 | 37 |
| 137 | An Interface-Directed Coassembly Approach To Synthesize Uniform Large-Pore Mesoporous Silica Spheres. Journal of the American Chemical Society, 2014, 136, 1884-1892. | 6.6 | 97 |
| 138 | Highly Ordered Mesoporous Tungsten Oxides with a Large Pore Size and Crystalline Framework for H<sub>2</sub>S Sensing. Angewandte Chemie - International Edition, 2014, 53, 9035-9040. | 7.2 | 250 |
| 139 | Synthesis and Characterization of Hierarchically Ordered Porous Carbon Based Energetic Nanocomposites. Advanced Porous Materials, 2014, 2, 31-36. | 0.3 | 2 |
| 140 | Ordered Mesoporous Materials Based on Interfacial Assembly and Engineering. Advanced Materials, 2013, 25, 5129-5152. | 11.1 | 254 |
| 141 | A Shear Stress Regulated Assembly Route to Silica Nanotubes and Their Closely Packed Hollow Mesostructures. Angewandte Chemie - International Edition, 2013, 52, 11603-11606. | 7.2 | 26 |
| 142 | General Synthesis of Discrete Mesoporous Carbon Microspheres through a Confined Self-Assembly Process in Inverse Opals. ACS Nano, 2013, 7, 8706-8714. | 7.3 | 79 |
| 143 | A Resolâ€Assisted Coâ€Assembly Approach to Crystalline Mesoporous Niobia Spheres for Electrochemical Biosensing. Angewandte Chemie - International Edition, 2013, 52, 10505-10510. | 7.2 | 85 |
| 144 | A versatile ethanol-mediated polymerization of dopamine for efficient surface modification and the construction of functional coreâ€“shell nanostructures. Journal of Materials Chemistry B, 2013, 1, 6085. | 2.9 | 110 |

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