

Chung-Yuan Mou

List of Publications by Year in descending order

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papers

24,210
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7251

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all docs

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Bismuth Species-Decorated ZnO/p-Si Photocathode for High Selectivity of Formate in CO ₂ Photoelectrochemical Reduction. ACS Sustainable Chemistry and Engineering, 2022, 10, 2380-2387.	3.2	10
2	Interconnected Microporous and Mesoporous Carbon Derived from Pitch for Lithium-Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2022, 10, 4462-4472.	3.2	5
3	Construction of Heterostructured Sn/TiO ₂ /Si Photocathode for Efficient Photoelectrochemical CO ₂ Reduction. ChemSusChem, 2022, 15, .	3.6	11
4	Diatom-inspired self-assembly for silica thin sheets of perpendicular nanochannels. Journal of Colloid and Interface Science, 2021, 584, 647-659.	5.0	5
5	Zn ²⁺ -Depletion Enhances Lysosome Fission in Cultured Rat Embryonic Cortical Neurons Revealed by a Modified Epifluorescence Microscopic Technique. Microscopy and Microanalysis, 2021, 27, 420-424.	0.2	0
6	Highly Selective Conversion of Glycerol to Formic Acid over a Synergistic Au/Phosphotungstic Acid Catalyst under Nanoconfinement. ACS Sustainable Chemistry and Engineering, 2021, 9, 3571-3579.	3.2	18
7	Selective growths of single-walled carbon nanotubes from mesoporous supports via CO disproportionation. Journal of the Chinese Chemical Society, 2021, 68, 491-499.	0.8	4
8	Regulated Li Electrodeposition Behavior through Mesoporous Silica Thin Film in Anode-Free Lithium Metal Batteries. ACS Applied Energy Materials, 2021, 4, 5132-5142.	2.5	20
9	Realizing ultrathin silica membranes with straight-through channels for high-performance organic solvent nanofiltration (OSN). Journal of Membrane Science, 2021, 627, 119224.	4.1	8
10	An Update on Mesoporous Silica Nanoparticle Applications in Nanomedicine. Pharmaceuticals, 2021, 13, 1067.	2.0	57
11	Evaluation of Nanoparticle Penetration in the Tumor Spheroid Using Two-Photon Microscopy. Biomedicines, 2021, 9, 10.	1.4	15
12	Mesoporous silica thin films incorporated chitosan mixed matrix nanofiltration membranes for textile wastewater treatment. Journal of the Chinese Chemical Society, 2021, 68, 451-461.	0.8	6
13	Revealing the Phagosomal pH Regulation and Inflammation of Macrophages after Endocytosing Polyurethane Nanoparticles by a Ratiometric pH Nanosensor. Advanced Biology, 2021, 5, 2000200.	1.4	7
14	Mesoporous silica-supported V-substituted heteropoly acid for efficient selective conversion of glycerol to formic acid. Journal of Saudi Chemical Society, 2020, 24, 1-8.	2.4	10
15	The oversolubility of methane gas in nano-confined water in nanoporous silica materials. Microporous and Mesoporous Materials, 2020, 293, 109793.	2.2	15
16	Selective oxidation of light alkanes under mild conditions. Current Opinion in Green and Sustainable Chemistry, 2020, 22, 39-46.	3.2	11
17	Active site-directed tandem catalysis on CuO/VO-MnO ₂ for efficient and stable catalytic ozonation of S-VOCs under mild condition. Nano Today, 2020, 35, 100944.	6.2	69
18	Simultaneous Single-Particle Tracking and Dynamic pH Sensing Reveal Lysosome-Targetable Mesoporous Silica Nanoparticle Pathways. ACS Applied Materials & Interfaces, 2020, 12, 42472-42484.	4.0	16

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19	Fluid Behavior in Nanoporous Silica. <i>Frontiers in Chemistry</i> , 2020, 8, 734.	1.8	6
20	STING Activator c-di-GMP-Loaded Mesoporous Silica Nanoparticles Enhance Immunotherapy Against Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56741-56752.	4.0	45
21	Advanced nanoporous separators for stable lithium metal electrodeposition at ultra-high current densities in liquid electrolytes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5095-5104.	5.2	47
22	Mesoporous Silica Thin Membrane with Tunable Pore Size for Ultrahigh Permeation and Precise Molecular Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7459-7465.	4.0	21
23	Catcher in the rel: Nanoparticles-antibody conjugate as NF- κ B nuclear translocation blocker. <i>Biomaterials</i> , 2020, 246, 119997.	5.7	18
24	Sleeping Beauty Transposon-Mediated Asparaginase Gene Delivery by a Nanoparticle Platform. <i>Scientific Reports</i> , 2019, 9, 11457.	1.6	8
25	Dual Delivery of HNF4 α and Cisplatin by Mesoporous Silica Nanoparticles Inhibits Cancer Pluripotency and Tumorigenicity in Hepatoma-Derived CD133-Expressing Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19808-19818.	4.0	40
26	Codelivery of Plasmid and Curcumin with Mesoporous Silica Nanoparticles for Promoting Neurite Outgrowth. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15322-15331.	4.0	47
27	Dicopper Dioxxygenase Model Immobilized in Mesoporous Silica Nanoparticles for Toluene Oxidation: A Mechanism to Harness Both O Atoms of O ₂ for Catalysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11032-11043.	1.5	5
28	Diatom-Mimicking Ultrahigh-Flux Mesoporous Silica Thin Membrane with Straight-Through Channels for Selective Protein and Nanoparticle Separations. <i>Chemistry of Materials</i> , 2019, 31, 1745-1751.	3.2	27
29	Critical Features for Mesoporous Silica Nanoparticles Encapsulated into Erythrocytes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4790-4798.	4.0	30
30	Ordered mesoporous Au/TiO ₂ nanospheres for solvent-free visible-light-driven plasmonic oxidative coupling reactions of amines. <i>Applied Catalysis B: Environmental</i> , 2018, 231, 283-291.	10.8	92
31	Generation of Functional Dopaminergic Neurons from Reprogramming Fibroblasts by Nonviral-based Mesoporous Silica Nanoparticles. <i>Scientific Reports</i> , 2018, 8, 11.	1.6	86
32	Catalytic Oxidation of Light Alkanes Mediated at Room Temperature by a Tricopper Cluster Complex Immobilized in Mesoporous Silica Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5431-5440.	3.2	16
33	Ordered Mesoporous Zeolite Thin Films with Perpendicular Reticular Nanochannels of Wafer Size Area. <i>Chemistry of Materials</i> , 2018, 30, 8303-8313.	3.2	4
34	Horseradish Peroxidase-Encapsulated Hollow Silica Nanospheres for Intracellular Sensing of Reactive Oxygen Species. <i>Nanoscale Research Letters</i> , 2018, 13, 123.	3.1	8
35	Defective Mesocrystal ZnO-Supported Gold Catalysts: Facilitating CO Oxidation via Vacancy Defects in ZnO. <i>ACS Catalysis</i> , 2018, 8, 6862-6869.	5.5	88
36	Phototherapeutic spectrum expansion through synergistic effect of mesoporous silica trio-nanohybrids against antibiotic-resistant gram-negative bacterium. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 124-133.	1.7	58

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37	Molecular Elucidation of Biological Response to Mesoporous Silica Nanoparticles in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22235-22251.	4.0	82
38	Lectin-functionalized mesoporous silica nanoparticles for endoscopic detection of premalignant colonic lesions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1941-1952.	1.7	33
39	Dual delivery of siRNA and plasmid DNA using mesoporous silica nanoparticles to differentiate induced pluripotent stem cells into dopaminergic neurons. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3012-3023.	2.9	38
40	Ultrasmall gold nanoparticles confined in zeolite Y: Preparation and activity in CO oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 506-514.	10.8	41
41	Morphology-controllable templated synthesis of three-dimensionally structured graphenic materials. <i>Carbon</i> , 2017, 111, 476-485.	5.4	5
42	Approach To Deliver Two Antioxidant Enzymes with Mesoporous Silica Nanoparticles into Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17944-17954.	4.0	57
43	Chemistry in confined space: a strategy for selective oxidation of hydrocarbons with high catalytic efficiencies and conversion yields under ambient conditions. <i>Catalysis Science and Technology</i> , 2016, 6, 7623-7630.	2.1	18
44	Large-Scale Uniform Two-Dimensional Hexagonal Arrays of Gold Nanoparticles Templated from Mesoporous Silica Film for Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 24382-24388.	1.5	35
45	Heterogeneous formulation of the tricopper complex for efficient catalytic conversion of methane into methanol at ambient temperature and pressure. <i>Energy and Environmental Science</i> , 2016, 9, 1361-1374.	15.6	70
46	Dipole field driven morphology evolution in biomimetic vaterite. <i>CrystEngComm</i> , 2016, 18, 1585-1599.	1.3	16
47	Defect-Mediated Gold Substitution Doping in ZnO Mesocrystals and Catalysis in CO Oxidation. <i>ACS Catalysis</i> , 2016, 6, 115-122.	5.5	54
48	Wang et al. Reply. <i>Physical Review Letters</i> , 2015, 115, 149802.	2.9	2
49	Density of hydrophobically confined deeply cooled water investigated by small angle X-ray scattering. <i>Journal of Chemical Physics</i> , 2015, 143, 094704.	1.2	4
50	Relaxation dynamics of surface-adsorbed water molecules in nanoporous silica probed by terahertz spectroscopy. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	8
51	Preparation and Characterization of Ion-Irradiated Nanodiamonds as Photoacoustic Contrast Agents. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 1037-1044.	0.9	15
52	Encapsulation of palladium porphyrin photosensitizer in layered metal oxide nanoparticles for photodynamic therapy against skin melanoma. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 054205.	2.8	27
53	A room temperature catalyst for toluene aliphatic C-H bond oxidation: Tripodal tridentate copper complex immobilized in mesoporous silica. <i>Journal of Catalysis</i> , 2015, 322, 139-151.	3.1	51
54	Local pH tracking in living cells. <i>Nanoscale</i> , 2015, 7, 4217-4225.	2.8	15

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55	Synthesis of curtain-like crumpled boehmite and γ -alumina nanosheets. <i>CrystEngComm</i> , 2015, 17, 1959-1967.	1.3	38
56	Layered double hydroxide nanoparticles to enhance organ-specific targeting and the anti-proliferative effect of cisplatin. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3447-3458.	2.9	50
57	A gold surface plasmon enhanced mesoporous titanium dioxide photoelectrode for the plastic-based flexible dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2015, 288, 221-228.	4.0	61
58	Formation of hollow silica nanospheres by reverse microemulsion. <i>Nanoscale</i> , 2015, 7, 9614-9626.	2.8	88
59	A General Method for Growing Large Area Mesoporous Silica Thin Films on Flat Substrates with Perpendicular Nanochannels. <i>Journal of the American Chemical Society</i> , 2015, 137, 3779-3782.	6.6	97
60	Killing cancer cells by delivering a nanoreactor for inhibition of catalase and catalytically enhancing intracellular levels of ROS. <i>RSC Advances</i> , 2015, 5, 86072-86081.	1.7	57
61	Attenuating HIV Tat/TAR-mediated protein expression by exploring the side chain length of positively charged residues. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11096-11104.	1.5	4
62	Pore-size dependent THz absorption of nano-confined water. <i>Optics Letters</i> , 2015, 40, 2731.	1.7	11
63	Enhanced Plasmonic Resonance Energy Transfer in Mesoporous Silica-Encased Gold Nanorod for Two-Photon-Activated Photodynamic Therapy. <i>Theranostics</i> , 2014, 4, 798-807.	4.6	74
64	Two-dimensional crystals of mesoporous silica SBA-15 nanosheets with perpendicular and open channels. <i>APL Materials</i> , 2014, 2, 113303.	2.2	11
65	Intracellular Implantation of Enzymes in Hollow Silica Nanospheres for Protein Therapy: Cascade System of Superoxide Dismutase and Catalase. <i>Small</i> , 2014, 10, 4785-4795.	5.2	84
66	Structural and catalytic properties of supported Ni μ -Ir alloy catalysts for H ₂ generation via hydrous hydrazine decomposition. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 779-788.	10.8	116
67	New developments in the growth of 4 Angstrom carbon nanotubes in linear channels of zeolite template. <i>Carbon</i> , 2014, 76, 401-409.	5.4	10
68	Hollow mesoporous silica nanoparticles with tunable shell thickness and pore size distribution for application as broad-ranging pH nanosensor. <i>Microporous and Mesoporous Materials</i> , 2014, 190, 181-188.	2.2	31
69	Promotional effect of Pd single atoms on Au nanoparticles supported on silica for the selective hydrogenation of acetylene in excess ethylene. <i>New Journal of Chemistry</i> , 2014, 38, 2043.	1.4	151
70	Efficient and Durable Au Alloyed Pd Single-Atom Catalyst for the Ullmann Reaction of Aryl Chlorides in Water. <i>ACS Catalysis</i> , 2014, 4, 1546-1553.	5.5	221
71	Mesostructured Arrays of Nanometer-spaced Gold Nanoparticles for Ultrahigh Number Density of SERS Hot Spots. <i>Advanced Functional Materials</i> , 2014, 24, 2544-2552.	7.8	50
72	Enhanced Activity and Stability of Lysozyme by Immobilization in the Matching Nanochannels of Mesoporous Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6734-6743.	1.5	82

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73	Enzyme Encapsulated Hollow Silica Nanospheres for Intracellular Biocatalysis. ACS Applied Materials & Interfaces, 2014, 6, 6883-6890.	4.0	104
74	Boson Peak in Deeply Cooled Confined Water: A Possible Way to Explore the Existence of the Liquid-to-Liquid Transition in Water. Physical Review Letters, 2014, 112, 237802.	2.9	24
75	Mesoporous silica nanoparticles: a potential platform for generation of induced pluripotent stem cells?. Nanomedicine, 2014, 9, 377-380.	1.7	6
76	Catalysis by gold: New insights into the support effect. Nano Today, 2013, 8, 403-416.	6.2	211
77	High payload Gd(III) encapsulated in hollow silica nanospheres for high resolution magnetic resonance imaging. Journal of Materials Chemistry B, 2013, 1, 639-645.	2.9	26
78	Compartmentalized Hollow Silica Nanospheres Templated from Nanoemulsions. Chemistry of Materials, 2013, 25, 352-364.	3.2	70
79	Altering the Tat-derived peptide bioactivity landscape by changing the arginine side chain length. Amino Acids, 2013, 44, 473-480.	1.2	12
80	Mesoporous silica supported cobalt catalysts for hydrogen generation in hydrolysis of ammonia borane. International Journal of Hydrogen Energy, 2013, 38, 7280-7290.	3.8	45
81	Understanding the synergistic effects of gold bimetallic catalysts. Journal of Catalysis, 2013, 308, 258-271.	3.1	178
82	Synthesis of Au-Ag alloy nanoparticles supported on silica gel via galvanic replacement reaction. Progress in Natural Science: Materials International, 2013, 23, 317-325.	1.8	33
83	A Fluorescent Organic Nanotube Assembled from Novel p-Phenylene Ethynylene-Based Dicationic Amphiphiles. Langmuir, 2013, 29, 2580-2587.	1.6	5
84	A broad range fluorescent pH sensor based on hollow mesoporous silica nanoparticles, utilising the surface curvature effect. Journal of Materials Chemistry B, 2013, 1, 5557.	2.9	45
85	A New Strategy for Intracellular Delivery of Enzyme Using Mesoporous Silica Nanoparticles: Superoxide Dismutase. Journal of the American Chemical Society, 2013, 135, 1516-1523.	6.6	139
86	Nonviral Cell Labeling and Differentiation Agent for Induced Pluripotent Stem Cells Based on Mesoporous Silica Nanoparticles. ACS Nano, 2013, 7, 8423-8440.	7.3	78
87	Controllable orientation of assembled gold nanorods on unstructured substrates. RSC Advances, 2013, 3, 17696.	1.7	1
88	Interplay of formation kinetics for highly oriented and mesostructured silicate-surfactant films at the air-water interface. RSC Advances, 2013, 3, 3270.	1.7	12
89	Protection of HeLa cells against ROS stress by CuZnSOD mimic system. Journal of Materials Chemistry B, 2013, 1, 6042.	2.9	10
90	A simple plant gene delivery system using mesoporous silica nanoparticles as carriers. Journal of Materials Chemistry B, 2013, 1, 5279.	2.9	137

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91	Synthesis of mesoporous silica nanoparticles. <i>Chemical Society Reviews</i> , 2013, 42, 3862.	18.7	1,236
92	Pore-expanded mesoporous silica nanoparticles with alkanes/ethanol as pore expanding agent. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 7-15.	2.2	81
93	Enhanced Non-Endocytotic Uptake of Mesoporous Silica Nanoparticles by Shortening the Peptide Transporter Arginine Side Chain. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12244-12248.	4.0	19
94	Selective Hydrogenation of Acetylene over SBA-15 Supported Au-Cu Bimetallic Catalysts. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 907-914.	0.8	24
95	A Palladium Bipyridyl Complex Grafted onto Nanosized MCM-41 as a Heterogeneous Catalyst for Negishi Coupling. <i>ChemCatChem</i> , 2013, 5, 1011-1019.	1.8	14
96	Theranostic applications of mesoporous silica nanoparticles and their organic/inorganic hybrids. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3128.	2.9	71
97	Functionalization of Mesoporous Silica Nanoparticles for Targeting, Biocompatibility, Combined Cancer Therapies and Theragnosis. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2399-2430.	0.9	42
98	Manganese-enhanced MRI of rat brain based on slow cerebral delivery of manganese(II) with silica-encapsulated Mn _x Fe _{1-x} O nanoparticles. <i>NMR in Biomedicine</i> , 2013, 26, 1176-1185.	1.6	19
99	Density and anomalous thermal expansion of deeply cooled water confined in mesoporous silica investigated by synchrotron X-ray diffraction. <i>Journal of Chemical Physics</i> , 2013, 139, 064502.	1.2	35
100	Temperature dependence of structure and density for D ₂ O confined in MCM-41-S. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 064106.	0.7	9
101	Dipole Field Guided Orientated Attachment of Nanocrystals to Twin-Brush ZnO Mesocrystals. <i>Chemistry - A European Journal</i> , 2012, 18, 16104-16113.	1.7	32
102	Surface charge effect in intracellular localization of mesoporous silicananoparticles as probed by fluorescent ratiometric pH imaging. <i>RSC Advances</i> , 2012, 2, 968-973.	1.7	61
103	Selective hydrogenation of acetylene in excess ethylene over SiO ₂ supported Au-Ag bimetallic catalyst. <i>Applied Catalysis A: General</i> , 2012, 439-440, 8-14.	2.2	68
104	Corneal repair by human corneal keratocyte-reprogrammed iPSCs and amphiphatic carboxymethyl-hexanoyl chitosan hydrogel. <i>Biomaterials</i> , 2012, 33, 8003-8016.	5.7	98
105	Recent Advances in Nanoparticle-Based Förster Resonance Energy Transfer for Biosensing, Molecular Imaging and Drug Release Profiling. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16598-16623.	1.8	119
106	Bimetallic Au-Pd Alloy Catalysts for N ₂ O Decomposition: Effects of Surface Structures on Catalytic Activity. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6222-6232.	1.5	128
107	Biomimetic ZnO plate twin-crystals periodical arrays. <i>Chemical Communications</i> , 2012, 48, 3215.	2.2	14
108	The origin of ZnO twin crystals in bio-inspired synthesis. <i>CrystEngComm</i> , 2012, 14, 1247-1255.	1.3	31

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109	Collapsed (kippah) hollow silica nanoparticles. <i>Chemical Communications</i> , 2012, 48, 3454.	2.2	32
110	Probing the Dynamics of Doxorubicin-DNA Intercalation during the Initial Activation of Apoptosis by Fluorescence Lifetime Imaging Microscopy (FLIM). <i>PLoS ONE</i> , 2012, 7, e44947.	1.1	71
111	Strong Metal-Support Interactions between Gold Nanoparticles and ZnO Nanorods in CO Oxidation. <i>Journal of the American Chemical Society</i> , 2012, 134, 10251-10258.	6.6	518
112	Room temperature O ₂ plasma treatment of SiO ₂ supported Au catalysts for selective hydrogenation of acetylene in the presence of large excess of ethylene. <i>Journal of Catalysis</i> , 2012, 285, 152-159.	3.1	107
113	Highly Ordered Mesoporous Silica Films with Perpendicular Mesochannels by a Simple Stober-Solution Growth Approach. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2173-2177.	7.2	291
114	Site-specific immobilization of cytochrome c on mesoporous silica through metal affinity adsorption to enhance activity and stability. <i>New Journal of Chemistry</i> , 2011, 35, 1809.	1.4	7
115	Bioinspired Design of a Cu-Zn-Imidazolate Mesoporous Silica Catalyst System for Superoxide Dismutation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20639-20652.	1.5	34
116	Corking and Uncorking a Catalytic Yolk-Shell Nanoreactor: Stable Gold Catalyst in Hollow Silica Nanosphere. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2984-2988.	2.1	72
117	Highly Efficient and Regioselective Halogenation over Well Dispersed Rhenium-Promoted Mesoporous Zirconia. <i>ACS Catalysis</i> , 2011, 1, 786-793.	5.5	26
118	Catalytic nano-rattle of Au@hollow silica: towards a poison-resistant nanocatalyst. <i>Journal of Materials Chemistry</i> , 2011, 21, 789-794.	6.7	175
119	Mesoporous silica nanoparticles as nanocarriers. <i>Chemical Communications</i> , 2011, 47, 9972.	2.2	317
120	Well-defined mesoporous nanostructure modulates three-dimensional interface energy transfer for two-photon activated photodynamic therapy. <i>Nano Today</i> , 2011, 6, 552-563.	6.2	56
121	Structural changes of Au-Cu bimetallic catalysts in CO oxidation: In situ XRD, EPR, XANES, and FT-IR characterizations. <i>Journal of Catalysis</i> , 2011, 278, 288-296.	3.1	260
122	Recent Advances in Dynamic Monitoring of Drug Release of Nanoparticle Using Förster Resonance Energy Transfer and Fluorescence Lifetime Imaging. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 798-804.	0.8	7
123	PEGylated silica nanoparticles encapsulating multiple magnetite nanocrystals for high-performance microscopic magnetic resonance angiography. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 81-88.	1.6	25
124	PtRuP nanoparticles supported on mesoporous carbon thin film as highly active anode materials for direct methanol fuel cell. <i>Catalysis Today</i> , 2011, 160, 109-115.	2.2	37
125	Au-Cu alloy nanoparticles supported on silica gel as catalyst for CO oxidation: Effects of Au/Cu ratios. <i>Catalysis Today</i> , 2011, 160, 103-108.	2.2	122
126	Mesoporous silica SBA-15 sheet with perpendicular nanochannels. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 354-366.	5.0	37

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127	IV Delivery of Induced Pluripotent Stem Cells Attenuates Endotoxin-Induced Acute Lung Injury in Mice. <i>Chest</i> , 2011, 140, 1243-1253.	0.4	71
128	Density hysteresis of heavy water confined in a nanoporous silica matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12206-12211.	3.3	94
129	Sonogashira Reaction of Aryl and Heteroaryl Halides with Terminal Alkynes Catalyzed by a Highly Efficient and Recyclable Nanosized MCM-41 Anchored Palladium Bipyridyl Complex. <i>Molecules</i> , 2010, 15, 9157-9173.	1.7	63
130	Intracellular pH-Responsive Mesoporous Silica Nanoparticles for the Controlled Release of Anticancer Chemotherapeutics. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8214-8219.	7.2	312
131	Surface charge-mediated rapid hepatobiliary excretion of mesoporous silica nanoparticles. <i>Biomaterials</i> , 2010, 31, 5564-5574.	5.7	282
132	Highly Regioselective Oxybromination in an Aqueous System Using SBA-15 Supported Sulfated Zirconia Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 820-828.	0.8	13
133	Low-temperature dynamics of water confined in a hydrophobic mesoporous material. <i>Physical Review E</i> , 2010, 82, 020501.	0.8	21
134	Tri-functionalization of mesoporous silica nanoparticles for comprehensive cancer theranostics—the trio of imaging, targeting and therapy. <i>Journal of Materials Chemistry</i> , 2010, 20, 6149.	6.7	200
135	Cytochrome c covalently immobilized on mesoporous silicas as a peroxidase: Orientation effect. <i>Journal of Materials Chemistry</i> , 2010, 20, 4653.	6.7	40
136	Single particle dynamics of water confined in a hydrophobically modified MCM-41-S nanoporous matrix. <i>Journal of Chemical Physics</i> , 2009, 130, 134512.	1.2	46
137	Environmental Friendly and Highly Regioselective Oxybromination in An Aqueous System Using SBA-15 Supported Sulfated Zirconia Catalyst. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1217, 1.	0.1	0
138	Near-Infrared Mesoporous Silica Nanoparticles for Optical Imaging: Characterization and In Vivo Biodistribution. <i>Advanced Functional Materials</i> , 2009, 19, 215-222.	7.8	285
139	In vitro Studies of Functionalized Mesoporous Silica Nanoparticles for Photodynamic Therapy. <i>Advanced Materials</i> , 2009, 21, 172-177.	11.1	196
140	Uniform Mesoporous Silica Hexagon and Its Two-Dimensional Colloidal Crystal. <i>ChemPhysChem</i> , 2009, 10, 2628-2632.	1.0	14
141	On the Confinement Effect During Catalytic Reaction Over Al-MCM-41. <i>Topics in Catalysis</i> , 2009, 52, 2-11.	1.3	14
142	Size Effect on Cell Uptake in Well-Suspended, Uniform Mesoporous Silica Nanoparticles. <i>Small</i> , 2009, 5, 1408-1413.	5.2	898
143	Formulation of novel lipid-coated magnetic nanoparticles as the probe for in vivo imaging. <i>Journal of Biomedical Science</i> , 2009, 16, 86.	2.6	50
144	Using well-defined EO _n MA _m diblock amphiphilic copolymers as templates for synthesis of mesoporous silicas with different mesostructures. <i>Microporous and Mesoporous Materials</i> , 2009, 123, 331-337.	2.2	9

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145	Coupling of acyl chlorides with triarylbi-muths catalyzed by palladium bipyridyl complex anchored on nanosized MCM-41: A recyclable and atom-efficient catalytic process for the synthesis of diaryl and alkyl aryl ketones. <i>Journal of Molecular Catalysis A</i> , 2009, 307, 88-92.	4.8	31
146	Highly-efficient and recyclable nanosized MCM-41 anchored palladium bipyridyl complex-catalyzed coupling of acyl chlorides and terminal alkynes for the formation of ynones. <i>Tetrahedron</i> , 2009, 65, 10134-10141.	1.0	38
147	Mesoporous materials for encapsulating enzymes. <i>Nano Today</i> , 2009, 4, 165-179.	6.2	418
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