

Cubic Ia3d large mesoporous silica: synthesis and replication of carbon nanorods and carbon nanotubes Electronic supplementary information (ESI) available: TEM images of mesoporous cubic silica and P123 formation of the cubic phase. See <http://www.rsc.org/suppdata>

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Large Cage Face-Centered-Cubic Fm3m Mesoporous Silica: Synthesis and Structure. <i>Journal of Physical Chemistry B</i> , 2003, 107, 14296-14300.	1.2	296
2	Directing the Formation of Vinyl-Functionalized Silica to the Hexagonal SBA-15 or Large-Pore Ia3d Structure. <i>Chemistry of Materials</i> , 2003, 15, 5029-5035.	3.2	140
3	Nanostructured carbon materials synthesized from mesoporous silica crystals by replication. <i>Studies in Surface Science and Catalysis</i> , 2004, 148, 241-260.	1.5	61
4	Three-Dimensional Structure of Large-Pore Mesoporous Cubic Ia3d Silica with Complementary Pores and Its Carbon Replica by Electron Crystallography. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5231-5234.	7.2	170
6	Easy synthesis of an ordered mesoporous carbon with a hexagonally packed tubular structure. <i>Carbon</i> , 2004, 42, 2939-2948.	5.4	154
7	Transformation of highly ordered large pore silica mesophases (Fm3m, Im3m and p6mm) in a ternary triblock copolymer-butanol-water system. <i>Chemical Communications</i> , 2004, , 1536-1537.	2.2	109
8	Formation of cyanide-functionalized SBA-15 and its transformation to carboxylate-functionalized SBA-15. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2461-2467.	1.3	80
9	Mesoporous silica with Ia3d cubic structure and good thermal stability. <i>Chemical Communications</i> , 2004, , 682-683.	2.2	34
10	Comprehensive Structure Analysis of Ordered Carbon Nanopipe Materials CMK-5 by X-ray Diffraction and Electron Microscopy. <i>Chemistry of Materials</i> , 2004, 16, 2274-2281.	3.2	55
11	A Novel Route toward the Synthesis of High-Quality Large-Pore Periodic Mesoporous Organosilicas. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4684-4689.	1.2	104
12	High-Yield Carbon Nanorods Obtained by a Catalytic Copyrolysis Process. <i>Inorganic Chemistry</i> , 2004, 43, 5432-5435.	1.9	34
13	Time-Resolved in Situ Studies of the Formation of Cubic Mesoporous Silica Formed with Triblock Copolymers. <i>Langmuir</i> , 2004, 20, 10311-10316.	1.6	70
14	A Simple Melt Impregnation Method to Synthesize Ordered Mesoporous Carbon and Carbon Nanofiber Bundles with Graphitized Structure from Pitches. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17320-17328.	1.2	173
15	Facile Synthesis and Characterization of Novel Mesoporous and Mesorelief Oxides with Gyroidal Structures. <i>Journal of the American Chemical Society</i> , 2004, 126, 865-875.	6.6	297
16	Designer synthesis of mesoporous solids via block copolymer templating pathway. <i>Studies in Surface Science and Catalysis</i> , 2004, 148, 139-161.	1.5	9
17	Synthesis of Periodic Mesoporous Ethylene Silica under Acidic Conditions. <i>Chemistry of Materials</i> , 2004, 16, 1756-1762.	3.2	84
18	Low-Cost Synthetic Route to Mesoporous Carbons with Narrow Pore Size Distributions and Tunable Porosity through Silica Xerogel Templates. <i>Chemistry of Materials</i> , 2004, 16, 449-455.	3.2	44
19	Influence of synthesis time on adsorption properties of FDU1 materials. <i>Studies in Surface Science and Catalysis</i> , 2005, 156, 105-112.	1.5	9

#	ARTICLE	IF	CITATIONS
20	Capillary condensation in templated nanoporous materials. <i>Studies in Surface Science and Catalysis</i> , 2005, , 695-702.	1.5	1
21	Pore design in view of adsorption, reductive and catalytic properties of Fe or Cu oxide modified large mesoporous silicas. <i>Studies in Surface Science and Catalysis</i> , 2005, 158, 773-780.	1.5	3
22	Nanostructured metal oxides synthesized by hard template method for gas sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2005, 109, 57-63.	4.0	176
23	Structure and morphology of propylthiol-functionalised mesoporous silicas templated by non-ionic triblock copolymers. <i>Microporous and Mesoporous Materials</i> , 2005, 79, 241-252.	2.2	56
24	Template synthesis of large pore ordered mesoporous carbon. <i>Microporous and Mesoporous Materials</i> , 2005, 80, 117-128.	2.2	76
25	Low-temperature formation of nanocrystalline \hat{I}^2 -SiC with high surface area and mesoporosity via reaction of mesoporous carbon and silicon powder. <i>Microporous and Mesoporous Materials</i> , 2005, 82, 137-145.	2.2	76
26	Mesoporous CeO ₂ and CuO-loaded mesoporous CeO ₂ : Synthesis, characterization, and CO catalytic oxidation property. <i>Microporous and Mesoporous Materials</i> , 2005, 85, 157-162.	2.2	171
27	Synthesis and characterization of novel mesoporous silica with large wormhole-like pores: Use of TBOS as silicon source. <i>Microporous and Mesoporous Materials</i> , 2005, 84, 34-40.	2.2	19
28	Nanocasting pathways to create ordered mesoporous solids. <i>Comptes Rendus Chimie</i> , 2005, 8, 609-620.	0.2	89
29	Synthesis and characterization of phenyl-functionalized mesoporous hybrids with large-pore cubic Ia3d structure and varied pore sizes. <i>Materials Chemistry and Physics</i> , 2005, 94, 173-176.	2.0	6
30	Synthesis of Nanowire and Mesoporous Low-Temperature LiCoO ₂ by a Post-Templating Reaction. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6550-6553.	7.2	263
32	Weakly Ferromagnetic Ordered Mesoporous Co ₃ O ₄ Synthesized by Nanocasting from Vinyl-Functionalized Cubic Ia3d Mesoporous Silica. <i>Advanced Materials</i> , 2005, 17, 53-56.	11.1	291
33	Large-Scale Design of Cubic Ia3d Mesoporous Silica Monoliths with High Order, Controlled Pores, and Hydrothermal Stability. <i>Advanced Materials</i> , 2005, 17, 47-53.	11.1	82
34	HRTEM and XRD analysis of P6mm and Ia3d double gyroidal WO ₃ structures. , 2005, , 333-336.		1
35	Formation mechanism of mesoporous silica formed with triblock copolymers; effect of salt addition. <i>Studies in Surface Science and Catalysis</i> , 2005, 158, 97-104.	1.5	10
36	General and Simple Approach for Control Cage and Cylindrical Mesopores, and Thermal/Hydrothermal Stable Frameworks. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9255-9264.	1.2	63
37	Ethylene-bridged periodic mesoporous organosilicas with Fm3m symmetry. <i>Journal of Materials Chemistry</i> , 2005, 15, 3919.	6.7	38
38	Three-Dimensional Low Symmetry Mesoporous Silica Structures Templated from Tetra-Headgroup Rigid Bolaform Quaternary Ammonium Surfactant. <i>Journal of the American Chemical Society</i> , 2005, 127, 6780-6787.	6.6	79

#	ARTICLE	IF	CITATIONS
39	Synthesis Mechanism of Cationic Surfactant Templating Mesoporous Silica under an Acidic Synthesis Process. <i>Chemistry of Materials</i> , 2005, 17, 4103-4113.	3.2	59
40	Adsorption and Structural Properties of Ordered Mesoporous Carbons Synthesized by Using Various Carbon Precursors and Ordered Siliceous P6mm and Ia3̄ ₁ ,d Mesostructures as Templates. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23263-23268.	1.2	92
41	MCM-48-like Large Mesoporous Silicas with Tailored Pore Structure: A Facile Synthesis Domain in a Ternary Triblock Copolymer + Butanol + Water System. <i>Journal of the American Chemical Society</i> , 2005, 127, 7601-7610.	6.6	681
42	Growth of porous single-crystal Cr ₂ O ₃ in a 3-D mesopore system. <i>Chemical Communications</i> , 2005, , 5618.	2.2	131
43	Characterization of mesoporous carbons synthesized with SBA-16 silica template. <i>Journal of Materials Chemistry</i> , 2005, 15, 1560.	6.7	162
44	Controlled Polymerization in Mesoporous Silica toward the Design of Organic + Inorganic Composite Nanoporous Materials. <i>Journal of the American Chemical Society</i> , 2005, 127, 1924-1932.	6.6	263
45	Formation and Growth of Platinum Nanostructures in Cubic Mesoporous Silica. <i>Crystal Growth and Design</i> , 2005, 5, 33-36.	1.4	29
46	Nonionic Block Copolymer and Anionic Mixed Surfactants Directed Synthesis of Highly Ordered Mesoporous Silica with Bicontinuous Cubic Structure. <i>Chemistry of Materials</i> , 2005, 17, 3228-3234.	3.2	91
47	Anionic surfactant induced mesophase transformation to synthesize highly ordered large-pore mesoporous silica structures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1511.	6.7	130
48	Assessment of ordered and complementary pore volumes in polymer-templated mesoporous silicas and organosilicas. <i>Chemical Communications</i> , 2006, , 2242.	2.2	21
49	Pyrolytic Synthesis of Carbon Nanotubes from Sucrose on a Mesoporous Silicate. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 585-594.	1.0	22
50	Synthesis and characterization of large-pore ordered mesoporous carbons using gyroidal silica template. <i>Journal of Materials Chemistry</i> , 2006, 16, 1445.	6.7	68
51	Mesoporous polymer + silica catalysts for selective hydroxylation of phenol. <i>Green Chemistry</i> , 2006, 8, 144.	4.6	28
52	Low temperature oxidative template removal from SBA-15 using MnO ₄ ⁻ solution and carbon replication of the mesoporous silica product. <i>Journal of Materials Chemistry</i> , 2006, 16, 3396-3401.	6.7	28
53	Quantitative TEM analysis of a hexagonal mesoporous silicate structure. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3467.	1.3	31
54	Surface Selective Polymerization of Polypyrrole on Ordered Mesoporous Carbon: Enhancing Interfacial Conductivity for Direct Methanol Fuel Cell Application. <i>Macromolecules</i> , 2006, 39, 3275-3282.	2.2	64
55	Synthesis of Ordered Mesoporous Fe ₃ O ₄ and γ -Fe ₂ O ₃ with Crystalline Walls Using Post-Template Reduction/Oxidation. <i>Journal of the American Chemical Society</i> , 2006, 128, 12905-12909.	6.6	306
56	An Aqueous Cooperative Assembly Route To Synthesize Ordered Mesoporous Carbons with Controlled Structures and Morphology. <i>Chemistry of Materials</i> , 2006, 18, 5279-5288.	3.2	238

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57	X-ray Structural Modeling and Gas Adsorption Analysis of Cage-like SBA-16 Silica Mesophases Prepared in a F127/Butanol/H ₂ O System. <i>Chemistry of Materials</i> , 2006, 18, 5070-5079.	3.2	111
58	Highly Electrochemical Reaction of Lithium in the Ordered Mesoporous γ -MnO ₂ . <i>Chemistry of Materials</i> , 2006, 18, 5618-5623.	3.2	181
59	Ordered Mesoporous Fe ₂ O ₃ with Crystalline Walls. <i>Journal of the American Chemical Society</i> , 2006, 128, 5468-5474.	6.6	380
60	Copper oxide modified large pore ordered mesoporous silicas for ethyl acetate combustion. <i>Catalysis Communications</i> , 2006, 7, 357-361.	1.6	33
61	Well-Defined Poly(ethylene oxide)-Polyacrylonitrile Diblock Copolymers as Templates for Mesoporous Silicas and Precursors for Mesoporous Carbons. <i>Chemistry of Materials</i> , 2006, 18, 1417-1424.	3.2	61
62	Morphology of Nanostructured Platinum in Mesoporous Materials Effect of Solvent and Intrachannel Surface. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1638-1646.	1.2	13
63	Tuning the Mesoporous Structures of Vinyl Silica by Adjusting the Micellar Curvature. <i>Langmuir</i> , 2006, 22, 5491-5496.	1.6	15
64	Phase Domain of the Cubic I _h Mesoporous Silica in the EO ₁₀₆ PO ₇₀ EO ₁₀₆ -Butanol-H ₂ O System. <i>Langmuir</i> , 2006, 22, 440-445.	1.6	139
65	Facile Preparation of Hierarchically Porous Carbon Monoliths with Well-Ordered Mesoporous Structures. <i>Chemistry of Materials</i> , 2006, 18, 6373-6381.	3.2	68
66	Formation Mechanism of Porous Single-Crystal Cr ₂ O ₃ and Co ₃ O ₄ Templated by Mesoporous Silica. <i>Chemistry of Materials</i> , 2006, 18, 3088-3095.	3.2	184
67	Facile synthesis of ordered large-pore mesoporous silica thin film with Im $\bar{3}m$ symmetry using n-butanol as the cosurfactant. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2279-2283.	1.5	17
68	Facile route to tin oxide containing mesoporous silica composites with room-temperature photoluminescence. <i>Journal of Materials Research</i> , 2006, 21, 655-663.	1.2	3
69	Easy synthesis and supercapacities of highly ordered mesoporous polyacenes/carbons. <i>Carbon</i> , 2006, 44, 1601-1604.	5.4	29
70	Three-dimensional real-space crystallography of MCM-48 mesoporous silica revealed by scanning transmission electron tomography. <i>Chemical Physics Letters</i> , 2006, 418, 540-543.	1.2	49
71	Pore size design of ordered mesoporous silicas by controlling micellar properties of triblock copolymer EO ₂₀ PO ₇₀ EO ₂₀ . <i>Microporous and Mesoporous Materials</i> , 2006, 89, 179-185.	2.2	69
72	Preparation, characterization and catalytic behavior in methanol decomposition of nanosized iron oxide particles within large pore ordered mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 209-218.	2.2	51
73	Periodic mesoporous silicas via templating of new triblock amphiphilic copolymers. <i>Microporous and Mesoporous Materials</i> , 2006, 91, 151-155.	2.2	18
74	Synthesis of boron nitride with a cubic mesostructure. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 286-291.	2.2	27

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75	Synthesis of carbon replicas of SBA-1 and SBA-7 mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2006, 95, 193-199.	2.2	23
76	A Family of Highly Ordered Mesoporous Polymer Resin and Carbon Structures from Organic/Organic Self-Assembly. <i>Chemistry of Materials</i> , 2006, 18, 4447-4464.	3.2	1,005
77	Ultrafast enzyme immobilization over large-pore nanoscale mesoporous silica particles. <i>Chemical Communications</i> , 2006, , 1322.	2.2	112
78	Trypsin immobilization on mesoporous silica with or without thiol functionalization. <i>Journal of Porous Materials</i> , 2006, 13, 385-391.	1.3	32
79	Ordered large-pore mesoporous silica film with Im3m symmetry synthesized in ternary copolymer/butanol/water system. <i>Materials Letters</i> , 2006, 60, 581-584.	1.3	6
80	Alternative Catalysts and Carbon Support Material for PEMFC. <i>Fuel Cells</i> , 2006, 6, 21-25.	1.5	62
81	Synthesis and Electrochemical Properties of Semicrystalline Gyroidal Mesoporous MnO ₂ . <i>Chinese Journal of Chemistry</i> , 2006, 24, 835-839.	2.6	31
82	Fabrication of Metal Oxides Occluded in Ordered Mesoporous Hosts via a Solid-State Grinding Route: The Influence of Host/Guest Interactions. <i>Advanced Functional Materials</i> , 2006, 16, 2374-2386.	7.8	81
83	Highly Ordered Mesoporous Silicon Carbide Ceramics with Large Surface Areas and High Stability. <i>Advanced Functional Materials</i> , 2006, 16, 561-567.	7.8	199
84	Recent Progress in the Synthesis of Porous Carbon Materials. <i>Advanced Materials</i> , 2006, 18, 2073-2094.	11.1	1,917
85	Nanocasting: A Versatile Strategy for Creating Nanostructured Porous Materials. <i>Advanced Materials</i> , 2006, 18, 1793-1805.	11.1	1,177
86	The large-scale synthesis and characterization of carbon nanotubes filled with long continuous inorganic nanowires in supercritical CS ₂ . <i>Nanotechnology</i> , 2006, 17, 5702-5706.	1.3	6
87	Hydrophilicity and formation mechanism of large-pore mesoporous TiO ₂ thin films with tunable pore diameters. <i>Nanotechnology</i> , 2006, 17, 3641-3648.	1.3	21
88	Large pore ordered mesoporous silica materials with 3D cubic Ia3d structure: a comprehensive gas adsorption study. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 1843-1849.	1.5	9
89	Mesoporous metal oxides templated by FDU-12 using a new convenient method. <i>Studies in Surface Science and Catalysis</i> , 2007, , 1755-1762.	1.5	2
90	Condensation of borazinic precursors for mesoporous boron nitride synthesis by carbon nanocasting. <i>Journal of Materials Research</i> , 2007, 22, 26-34.	1.2	8
91	The Synthesis of Mesoporous Molecular Sieves. <i>Studies in Surface Science and Catalysis</i> , 2007, 168, 241-III.	1.5	18
92	Structural characterization and systematic gas adsorption studies on a series of novel ordered mesoporous silica materials with 3D cubic Ia-3d structure (KIT-6). <i>Studies in Surface Science and Catalysis</i> , 2007, , 161-164.	1.5	3

#	ARTICLE	IF	CITATIONS
93	Mesoporous crystals of metal oxides and their properties. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 335-338.	1.5	2
94	Effects of end-group oxidation of the triblock copolymers on the resulting copolymer-directed silica mesophases. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 1926-1931.	1.5	0
95	Ordered Mesoporous Silicas and Carbons with Large Accessible Pores Templated from Amphiphilic Diblock Copolymer Poly(ethylene oxide)-b-polystyrene. <i>Journal of the American Chemical Society</i> , 2007, 129, 1690-1697.	6.6	377
96	Porous crystals of cubic metal oxides templated by cage-containing mesoporous silica. <i>Journal of Materials Chemistry</i> , 2007, 17, 4947.	6.7	105
97	Synthesis and characterization of mesoporous carbon for fuel cell applications. <i>Journal of Materials Chemistry</i> , 2007, 17, 3078.	6.7	333
98	Mesostructured Silica SBA-16 with Tailored Intrawall Porosity Part 1: Synthesis and Characterization. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3053-3058.	1.5	75
99	Fabrication of continuous mesoporous carbon films with face-centered orthorhombic symmetry through a soft templating pathway. <i>Journal of Materials Chemistry</i> , 2007, 17, 3639.	6.7	124
100	Effect of Pore Structure on the Electrochemical Capacitive Performance of MnO ₂ . <i>Journal of the Electrochemical Society</i> , 2007, 154, A987.	1.3	52
101	Molecular design of the surfactant and the co-structure-directing agent (CSDA) toward rational synthesis of targeted anionic surfactant templated mesoporous silica. <i>Journal of Materials Chemistry</i> , 2007, 17, 3591.	6.7	38
102	Facile Synthesis of Mesoporous Silica SBA-15 with Additional Intra-Particle Porosities. <i>Chemistry of Materials</i> , 2007, 19, 1120-1126.	3.2	52
103	Formation of Cubic Ia3d Silicas and Metal Oxide-Loaded Silicas Using a Triblock Copolymer (EO ₂₀ PO ₇₀ EO ₂₀) Acetate Mixture as Structure Director in Aqueous Solution. <i>Chemistry of Materials</i> , 2007, 19, 1613-1625.	3.2	26
104	Mesoporous and nanowire Co ₃ O ₄ as negative electrodes for rechargeable lithium batteries. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 1837-1842.	1.3	376
105	Mesoporous single-crystal Co ₃ O ₄ templated by cage-containing mesoporous silica. <i>Chemical Communications</i> , 2007, , 2518.	2.2	91
106	An Ordered Mesoporous Aluminosilicate Oxynitride Template to Prepare N-Incorporated Ordered Mesoporous Carbon. <i>Journal of Physical Chemistry C</i> , 2007, 111, 7266-7272.	1.5	52
107	Selective liquid phase oxidation of aromatics over silica-polymer nanocomposite materials. <i>Catalysis Communications</i> , 2007, 8, 1507-1510.	1.6	9
108	Hard Templating Pathways for the Synthesis of Nanostructured Porous Co ₃ O ₄ . <i>Chemistry of Materials</i> , 2007, 19, 485-496.	3.2	314
109	Capillary Condensation of Nitrogen in Ordered Mesoporous Silica with Bicontinuous Gyroid Structure. <i>Journal of Physical Chemistry C</i> , 2007, 111, 280-285.	1.5	44
110	Hierarchical Multimodal Mesoporous Carbon Materials with Parallel Macrochannels. <i>Chemistry of Materials</i> , 2007, 19, 3325-3333.	3.2	64

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111	Ordered Mesoporous Spinel LiMn_2O_4 by a Soft-Chemical Process as a Cathode Material for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2007, 19, 4791-4795.	3.2	194
112	Synthesis of Porous Single Crystals of Metal Oxides via a Solid-Liquid Route. <i>Chemistry of Materials</i> , 2007, 19, 2359-2363.	3.2	132
113	Functionalization of Cubic $\text{I}a\bar{3}d$ Mesoporous Silica for Immobilization of Penicillin G Acylase. <i>Advanced Functional Materials</i> , 2007, 17, 2160-2166.	7.8	57
114	Synthesis and Characterization of Chromium-Doped Mesoporous Tungsten Oxide for Gas Sensing Applications. <i>Advanced Functional Materials</i> , 2007, 17, 1801-1806.	7.8	241
115	Mesoporous Crystalline $\text{Î}^2\text{-MnO}_2$ a Reversible Positive Electrode for Rechargeable Lithium Batteries. <i>Advanced Materials</i> , 2007, 19, 657-660.	11.1	482
116	Mesoporous Mn_2O_3 and Mn_3O_4 with Crystalline Walls. <i>Advanced Materials</i> , 2007, 19, 4063-4066.	11.1	154
117	Template synthesis of ordered cubic $\text{I}a\bar{3}d$ mesoporous carbons with different pore sizes. <i>Carbon</i> , 2007, 45, 220-222.	5.4	6
118	Preparation of ordered mesoporous SiCN ceramics with large surface area and high thermal stability. <i>Microporous and Mesoporous Materials</i> , 2007, 100, 128-133.	2.2	45
119	Synthesis and phase behaviors of bicontinuous cubic mesoporous silica from triblock copolymer mixed anionic surfactant. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 34-40.	2.2	26
120	Incorporation of platinum nanoparticles in ordered mesoporous carbon. <i>Journal of Colloid and Interface Science</i> , 2007, 305, 204-208.	5.0	32
121	Designed synthesis of mesoporous solids via nonionic-surfactant-templating approach. <i>Chemical Communications</i> , 2007, , 897-926.	2.2	297
122	Synthesis of Highly Ordered Mesoporous Crystalline WS_2 and MoS_2 via a High-Temperature Reductive Sulfuration Route. <i>Journal of the American Chemical Society</i> , 2007, 129, 9522-9531.	6.6	153
123	On the Controllable Soft-Templating Approach to Mesoporous Silicates. <i>Chemical Reviews</i> , 2007, 107, 2821-2860.	23.0	2,164
124	Influence of the structure characteristics of ordered mesoporous silica materials on their properties as supports for Ni-modified hydrogenation catalysts. <i>Journal of Porous Materials</i> , 2007, 14, 213-218.	1.3	4
125	Large-pore cubic $\text{I}a\bar{3}d$ mesoporous silicas: Synthesis, modification and catalytic applications. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 200-208.	4.8	18
126	Effect of the conditions of the matrix carbonization of sucrose on the structure and adsorption properties of mesoporous carbon materials. <i>Theoretical and Experimental Chemistry</i> , 2008, 44, 374-379.	0.2	1
127	Review on the key controls of designer copolymer-silica mesophase monoliths (HOM-type) with large particle morphology, ordered geometry and uniform pore dimension. <i>Journal of Porous Materials</i> , 2008, 15, 369-387.	1.3	38
128	Mesoporous Carbon Materials: Synthesis and Modification. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3696-3717.	7.2	1,727

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129	Synthesis of Ordered Mesoporous Li ⁺ Mn ²⁺ O Spinel as a Positive Electrode for Rechargeable Lithium Batteries. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9711-9716.	7.2	201
130	Multiple Functionalization of Mesoporous Silica in One-Pot: Direct Synthesis of Aluminum-Containing Plugged SBA-15 from Aqueous Nitrate Solutions. <i>Advanced Functional Materials</i> , 2008, 18, 82-94.	7.8	63
131	Ordered Mesoporous Carbon/Fused Silica Composites. <i>Advanced Functional Materials</i> , 2008, 18, 2995-3002.	7.8	223
134	Physicochemical and catalytic properties of grafted vanadium species on different mesoporous silicas. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 342-349.	5.0	15
135	1,4-Conjugate addition reaction catalyzed by a homogeneous rhodium catalyst entrapped in hydrophobized ordered mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 424-431.	2.2	18
136	Mesoporous Cr ₂ O ₃ as negative electrode in lithium batteries: TEM study of the texture effect on the polymeric layer formation. <i>Journal of Power Sources</i> , 2008, 175, 502-509.	4.0	99
137	Hydrogen production via steam reforming of ethyl alcohol over nano-structured indium oxide catalysts. <i>Journal of Power Sources</i> , 2008, 179, 566-570.	4.0	48
138	Ordered mesoporous carbons with controlled particle sizes as catalyst supports for direct methanol fuel cell cathodes. <i>Carbon</i> , 2008, 46, 2034-2045.	5.4	100
139	Preparation of mesoporous copper cerium bimetal oxides with high performance for catalytic oxidation of carbon monoxide. <i>Applied Catalysis B: Environmental</i> , 2008, 81, 236-243.	10.8	66
140	Direct electrochemistry of myoglobin based on bicontinuous gyroidal mesoporous carbon matrix. <i>Electrochemistry Communications</i> , 2008, 10, 1864-1867.	2.3	26
141	Comprehensive understanding on the formation of highly ordered mesoporous tungsten oxides by X-ray diffraction and Raman spectroscopy. <i>Microporous and Mesoporous Materials</i> , 2008, 109, 248-257.	2.2	48
142	Liquid-phase reaction of 2-hydroxyacetophenone and benzaldehyde over SO ₃ H-SBA-15 catalysts: Influence of microwave and thermal effects. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 97-107.	2.2	24
143	Critical evaluation of the state of iron oxide nanoparticles on different mesoporous silicas prepared by an impregnation method. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 327-337.	2.2	48
144	Templating behavior of a triblock copolymer surfactant with very long hydrophilic PEO chains (PEO ₁₄₀ PPPO ₃₉ PEO ₁₄₀) for the synthesis of cubic mesoporous silica with large cage-like cavities. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 352-361.	2.2	17
145	Immobilized penicillin G acylase on mesoporous silica: The influence of pore size, pore volume and mesophases. <i>Microporous and Mesoporous Materials</i> , 2008, 114, 507-510.	2.2	49
146	Homopolymer induced phase evolution in mesoporous silica from evaporation induced self-assembly process. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 633-640.	2.2	14
147	Ordered mesoporous Co ₃ O ₄ as highly active catalyst for low temperature CO-oxidation. <i>Chemical Communications</i> , 2008, , 4022.	2.2	159
148	Crystalline mesoporous metal oxide. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 1329-1338.	1.8	110

#	ARTICLE	IF	CITATIONS
149	Mesoporous single-crystal Cr ₂ O ₃ : Synthesis, characterization, and its activity in toluene removal. <i>Solid State Sciences</i> , 2008, 10, 1117-1123.	1.5	51
150	Neutron Diffraction Study of Mesoporous and Bulk Hematite, $\hat{1}\pm\text{Fe}_{2}\text{O}_{3}$. <i>Chemistry of Materials</i> , 2008, 20, 4891-4899.	3.2	140
151	Platinum/Mesoporous WO ₃ as a Carbon-Free Electrocatalyst with Enhanced Electrochemical Activity for Methanol Oxidation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12024-12031.	1.2	114
152	Ordered Mesoporous BiVO ₄ through Nanocasting: A Superior Visible Light-Driven Photocatalyst. <i>Chemistry of Materials</i> , 2008, 20, 3983-3992.	3.2	340
153	Polypyrrole-Based Nitrogen-Doped Carbon Replicas of SBA-15 and SBA-16 Containing Magnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13126-13133.	1.5	66
154	Synthesis of Ordered Mesoporous NiO with Crystalline Walls and a Bimodal Pore Size Distribution. <i>Journal of the American Chemical Society</i> , 2008, 130, 5262-5266.	6.6	281
155	Transesterification of Vegetable Oil to Biodiesel over MgO-Functionalized Mesoporous Catalysts. <i>Energy & Fuels</i> , 2008, 22, 145-149.	2.5	113
156	Repeated Templating. <i>Chemistry of Materials</i> , 2008, 20, 961-971.	3.2	254
157	Molecular Level Processes and Nanostructure Evolution During the Formation of the Cubic Mesoporous Material KIT-6. <i>Chemistry of Materials</i> , 2008, 20, 2779-2792.	3.2	56
158	Hard templating synthesis of mesoporous and nanowire SnO ₂ lithium battery anode materials. <i>Journal of Materials Chemistry</i> , 2008, 18, 771.	6.7	259
159	Synthesis and Magnetic Investigation of Ordered Mesoporous Two-Line Ferrihydrite. <i>Journal of the American Chemical Society</i> , 2008, 130, 280-287.	6.6	100
160	Electrochemical catalytic activity for the hydrogen oxidation of mesoporous WO ₃ and WO ₃ /C composites. <i>Journal of Materials Chemistry</i> , 2008, 18, 3575.	6.7	55
161	Tubular and Rodlike Ordered Mesoporous Silicon (Oxy)carbide Ceramics and their Structural Transformations. <i>Chemistry of Materials</i> , 2008, 20, 5421-5433.	3.2	53
162	Functionalized Mesostructured Silicates as Supports for Palladium Complexes: Synthesis and Catalytic Activity for the Suzuki-Miyaura Coupling Reaction. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6065-6072.	1.5	38
163	Nanocasting Synthesis of Ordered Mesoporous Silicon Nitrides with a High Nitrogen Content. <i>Journal of Physical Chemistry C</i> , 2008, 112, 112-116.	1.5	43
164	Pseudomorphic Transformation of Highly Ordered Mesoporous Co ₃ O ₄ to CoO via Reduction with Glycerol. <i>Journal of the American Chemical Society</i> , 2008, 130, 14108-14110.	6.6	123
165	Direct Imaging of Surface Topology and Pore System of Ordered Mesoporous Silica (MCM-41, SBA-15,) <i>Journal of the American Chemical Society</i> , 2008, 130, 11510-11517.	6.6	185
166	High temperature treatment of ordered mesoporous carbons prepared by using various carbon precursors and ordered mesoporous silica templates. <i>New Journal of Chemistry</i> , 2008, 32, 981.	1.4	80

#	ARTICLE	IF	CITATIONS
167	Superior Lithium Electroactive Mesoporous Si@Carbon Core-Shell Nanowires for Lithium Battery Anode Material. <i>Nano Letters</i> , 2008, 8, 3688-3691.	4.5	489
168	Organic Molecule-Modulated Phase Evolution of Inorganic Mesostructures. <i>Langmuir</i> , 2008, 24, 2372-2380.	1.6	10
169	Factors affecting the preparation of ordered mesoporous ZrO ₂ using the replica method. <i>Journal of Materials Chemistry</i> , 2008, 18, 5200.	6.7	61
170	Synthesis of mesoporous tungsten carbide by an impregnation-compaction route, and its NH ₃ decomposition catalytic activity. <i>Dalton Transactions</i> , 2008, , 6435.	1.6	37
172	Preparation of Highly Ordered Mesoporous TiO ₂ Materials with Crystalline Framework from Different Mesostructured Silica Templates via Nanoreplication. <i>Chemistry Letters</i> , 2008, 37, 140-141.	0.7	35
174	Decoupling of magnetic core and shell contributions in antiferromagnetic Co ₃ O ₄ nanostructures. <i>Europhysics Letters</i> , 2009, 88, 27004.	0.7	28
175	Partial oxidation of methane to syngas catalyzed by a nickel nanowire catalyst. <i>Journal of Natural Gas Chemistry</i> , 2009, 18, 98-103.	1.8	9
176	Reversible and High-Capacity Nanostructured Electrode Materials for Li-ion Batteries. <i>Advanced Functional Materials</i> , 2009, 19, 1497-1514.	7.8	458
177	Ordered Mesoporous In ₂ O ₃ : Synthesis by Structure Replication and Application as a Methane Gas Sensor. <i>Advanced Functional Materials</i> , 2009, 19, 653-661.	7.8	298
178	Syntheses, Li Insertion, and Photoactivity of Mesoporous Crystalline TiO ₂ . <i>Advanced Functional Materials</i> , 2009, 19, 2826-2833.	7.8	131
179	Insight Into the Defects of Cage-Type Silica Mesoporous Crystals with $Fd\bar{3}m$ Symmetry: TEM Observations and a New Proposal of Polyhedron Packing for the Crystals. <i>Chemistry - A European Journal</i> , 2009, 15, 2818-2825.	1.7	24
180	Stacking Structure of Confined 1-Butanol in SBA-15 Investigated by Solid-State NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2009, 15, 10658-10665.	1.7	3
181	Oxygen sensing with mesoporous ceria-zirconia solid solutions. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 216-221.	4.0	40
182	Direct electron transfer of myoglobin in mesoporous silica KIT-6 modified on screen-printed electrode. <i>Sensors and Actuators B: Chemical</i> , 2009, 142, 267-272.	4.0	24
183	Ordered Crystalline Mesoporous Oxides as Catalysts for CO Oxidation. <i>Catalysis Letters</i> , 2009, 131, 146-154.	1.4	151
184	Synthesis of Ordered Mesoporous Carbon Materials with Semi-Graphitized Walls via Direct In-situ Silica-Confined Thermal Decomposition of CH ₄ and Their Hydrogen Storage Properties. <i>Topics in Catalysis</i> , 2009, 52, 12-26.	1.3	36
185	Conversion reactions: a new pathway to realise energy in lithium-ion battery-review. <i>Ionics</i> , 2009, 15, 301-307.	1.2	167
186	Mesoporous Silica: A Suitable Adsorbent for Amines. <i>Nanoscale Research Letters</i> , 2009, 4, 1303-8.	3.1	19

#	ARTICLE	IF	CITATIONS
187	Breakthrough and future: nanoscale controls of compositions, morphologies, and mesochannel orientations toward advanced mesoporous materials. <i>Chemical Record</i> , 2009, 9, 321-339.	2.9	100
188	Silica-templated Synthesis of Ordered Mesoporous Tungsten Carbide/Graphitic Carbon Composites with Nanocrystalline Walls and High Surface Areas via a Temperature-programmed Carburization Route. <i>Small</i> , 2009, 5, 2738-2749.	5.2	76
189	The Sonogashira reaction catalyzed by palladium leached from ordered mesoporous carbon. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 126-135.	2.2	16
190	Solvent-free infiltration method for mesoporous SnO ₂ using mesoporous silica templates. <i>Microporous and Mesoporous Materials</i> , 2009, 120, 441-446.	2.2	80
191	Tailoring the pore size/wall thickness of mesoporous transition metal oxides. <i>Microporous and Mesoporous Materials</i> , 2009, 121, 90-94.	2.2	39
192	Formation of mesoporous Co ₃ O ₄ replicas of different mesostructures with different pore sizes. <i>Microporous and Mesoporous Materials</i> , 2009, 123, 314-323.	2.2	21
193	Electrocatalytic oxidation of NADH based on bicontinuous gyroidal mesoporous carbon with low overpotential. <i>Electrochemistry Communications</i> , 2009, 11, 227-230.	2.3	27
194	Gas sensor based on ordered mesoporous In ₂ O ₃ . <i>Thin Solid Films</i> , 2009, 517, 6170-6175.	0.8	61
195	Influence of the mesoporous structure on capacitance of the RuO ₂ electrode. <i>Journal of Power Sources</i> , 2009, 189, 1284-1291.	4.0	41
196	Synthesis and characterization of aluminium incorporated mesoporous KIT-6: Efficient catalyst for acylation of phenol. <i>Applied Catalysis A: General</i> , 2009, 360, 59-65.	2.2	87
197	Cobalt oxide species supported on SBA-15, KIT-5 and KIT-6 mesoporous silicas for ethyl acetate total oxidation. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 365-374.	10.8	169
198	3-D ordered mesoporous KIT-6 support for effective hydrodesulfurization catalysts. <i>Applied Catalysis B: Environmental</i> , 2009, 90, 55-63.	10.8	199
199	Mesoporous Chromia with Ordered Three-Dimensional Structures for the Complete Oxidation of Toluene and Ethyl Acetate. <i>Environmental Science & Technology</i> , 2009, 43, 8355-8360.	4.6	103
200	Nanocasting Synthesis of Iron-Doped Mesoporous Al ³⁺ Ti Mixed Oxides Using Ordered Mesoporous Carbon Templates. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13565-13573.	1.5	12
201	Periodic Mesoporous Organosilica with a Hexagonally Pillared Lamellar Structure. <i>Journal of the American Chemical Society</i> , 2009, 131, 14249-14251.	6.6	14
202	Reaction of Imidazoline-2-Selone with Acids and Its Use for Selective Coordination of Platinum Ions on Silica Surface. <i>Chemistry of Materials</i> , 2009, 21, 2571-2573.	3.2	33
203	Bilirubin adsorption property of mesoporous silica and amine-grafted mesoporous silica. <i>Nano-Micro Letters</i> , 2009, 1, 14-18.	14.4	15
204	Use of the Carbothermal Route to Prepare Anisotropic Single-Crystal Platinum Nanostructures with Low Resistivity. <i>Crystal Growth and Design</i> , 2009, 9, 2030-2035.	1.4	8

#	ARTICLE	IF	CITATIONS
205	Single-crystal Pt nanorods with tunable lengths fabricated by a simple glycol-assisted vacuum impregnation method. Dalton Transactions, 2009, , 1894.	1.6	6
206	Novel mesoporous silica spheres with ultra-large pore sizes and their application in protein separation. Journal of Materials Chemistry, 2009, 19, 2013.	6.7	63
207	Synthesis of mesoporous magnetic Fe^{3+} - Fe_2O_3 and its application to Cr(VI) removal from contaminated water. Water Research, 2009, 43, 3727-3734.	5.3	231
208	Peptide Brush-Ordered Mesoporous Silica Nanocomposite Materials. Chemistry of Materials, 2009, 21, 3638-3648.	3.2	62
209	Synthesis of cubic ordered mesoporous $\text{YPO}_4:\text{Ln}^{3+}$ and their photoluminescence properties. Journal of Materials Chemistry, 2009, 19, 8079.	6.7	57
210	Distribution of guest molecules in Pluronic micelles studied by double electron spin resonance and small angle X-ray scattering. Physical Chemistry Chemical Physics, 2009, 11, 148-160.	1.3	28
211	Internal and external surface characterisation of templating processes for ordered mesoporous silicas and carbons. Journal of Materials Chemistry, 2009, 19, 2215.	6.7	14
212	Ordered mesoporous $\text{Ag}@\text{TiO}_2$ -KIT-6 heterostructure: synthesis, characterization and photocatalysis. Journal of Materials Chemistry, 2009, 19, 2771.	6.7	56
213	Inorganic-Organic Hybrid Porous Materials. , 2009, , 131-171.		5
214	Mesoporous Monocrystalline TiO_2 and Its Solid-State Electrochemical Properties. Chemistry of Materials, 2009, 21, 2540-2546.	3.2	114
215	On Defining a Simple Empirical Relationship to Predict the Pore Size of Mesoporous Silicas Prepared from PEO- <i>b</i> -PS Diblock Copolymers. Chemistry of Materials, 2009, 21, 48-55.	3.2	43
216	Electrocatalytic Activity and CO Tolerance Properties of Mesostructured Pt/WO_3 Composite as an Anode Catalyst for PEMFCs. Journal of Physical Chemistry C, 2009, 113, 4134-4138.	1.5	76
217	Mesoporous materials: tunable structure, morphology and composition. Chemical Communications, 2009, , 2270.	2.2	81
218	Nanocasting Route to Ordered Mesoporous Carbon with FePt Nanoparticles and Its Phenol Adsorption Property. Journal of Physical Chemistry C, 2009, 113, 5998-6002.	1.5	34
219	Stability of Cubic Ice in Mesopores. Journal of Physical Chemistry C, 2009, 113, 3056-3061.	1.5	45
221	Facile synthesis of highly ordered mesoporous silver using cubic mesoporous silica template with controlled surface hydrophobicity. Chemical Communications, 2009, , 650-652.	2.2	54
222	Morphology of SBA-15-directed by association processes and surface energies. Physical Chemistry Chemical Physics, 2009, 11, 10973.	1.3	34
223	An easy co-casting method to synthesize mesostructured carbon composites with high magnetic separability and acid resistance. New Journal of Chemistry, 2009, 33, 1926.	1.4	18

#	ARTICLE	IF	CITATIONS
224	Enhancement in electrochemical catalytic activity of mesoporous RuOxHy and Pt/RuOxHy by gas treatment. Dalton Transactions, 2009, , 3395.	1.6	9
225	High-Resolution Cryogenic-Electron Microscopy Reveals Details of a Hexagonal-to-Bicontinuous Cubic Phase Transition in Mesoporous Silica Synthesis. Journal of the American Chemical Society, 2009, 131, 12466-12473.	6.6	34
226	Ordered Mesoporous Carbide Derived Carbons: Novel Materials for Catalysis and Adsorption. Journal of Physical Chemistry C, 2009, 113, 7755-7761.	1.5	96
229	Progress of the Application of Mesoporous Silica-Supported Heteropolyacids in Heterogeneous Catalysis and Preparation of Nanostructured Metal Oxides. Materials, 2010, 3, 764-785.	1.3	57
230	Nanostructured cobalt and manganese oxide clusters as efficient water oxidation catalysts. Energy and Environmental Science, 2010, 3, 1018.	15.6	488
231	Ordered Mesoporous Carbons Enriched with Nitrogen: Application to Hydrogen Storage. Journal of Physical Chemistry C, 2010, 114, 8639-8645.	1.5	58
232	Mesoporous Non-Siliceous Materials and Their Functions. Advances in Nanoporous Materials, 2010, , 151-235.	0.2	1
233	A family of ordered mesoporous carbons derived from mesophase pitch using ordered mesoporous silicas as templates. Adsorption, 2010, 16, 465-472.	1.4	12
234	Template Synthesis of Three-Dimensional Cubic Ordered Mesoporous Carbon With Tunable Pore Sizes. Nanoscale Research Letters, 2010, 5, 103-7.	3.1	43
235	Synthesis chemistry and application development of periodic mesoporous organosilicas. Journal of Porous Materials, 2010, 17, 225-252.	1.3	45
236	Preparation of mesoporous silica replica using ordered mesoporous carbon by vapor phase transport of silica source. Journal of Porous Materials, 2010, 17, 305-312.	1.3	3
237	Studies on KIT-6 Supported Cobalt Catalyst for Fischer-Tropsch Synthesis. Catalysis Letters, 2010, 134, 37-44.	1.4	24
238	Influence of Frame Connectivity of SBA-15 and KIT-6 Supported NiMo Catalysts for Hydrotreating of Gas Oil. Catalysis Letters, 2010, 136, 116-125.	1.4	39
239	Structural and sorption properties of carbon replicas obtained by matrix carbonization of organic precursors in SBA-15 and KIT-6. Theoretical and Experimental Chemistry, 2010, 46, 51-57.	0.2	5
240	Electrical double-layer capacitor performance of nitrogen-doped ordered mesoporous carbon prepared by nanotemplating method. Research on Chemical Intermediates, 2010, 36, 703-713.	1.3	9
241	Synthesis of ordered mesoporous CuO/CeO2 composite via co-nanocasting replication method and its improved reactivity towards hydrogen. Materials Letters, 2010, 64, 1379-1382.	1.3	25
242	Synthesis, characterization, and catalytic performance of NiMo catalysts supported on hierarchically porous Beta-KIT-6 material in the hydrodesulfurization of dibenzothiophene. Journal of Catalysis, 2010, 274, 273-286.	3.1	125
243	Organically Functionalized Mesoporous Silica by Co-structure-Directing Route. Advanced Functional Materials, 2010, 20, 2750-2768.	7.8	58

#	ARTICLE	IF	CITATIONS
244	Highly Ordered Mesoporous Cobalt Oxide Nanostructures: Synthesis, Characterisation, Magnetic Properties, and Applications for Electrochemical Energy Devices. Chemistry - A European Journal, 2010, 16, 11020-11027.	1.7	136
248	Lithium Intercalation into Mesoporous Anatase with an Ordered 3D Pore Structure. Angewandte Chemie - International Edition, 2010, 49, 2570-2574.	7.2	218
249	Direct Formation of Mesoporous Coesite Single Crystals from Periodic Mesoporous Silica at Extreme Pressure. Angewandte Chemie - International Edition, 2010, 49, 4301-4305.	7.2	18
250	Cubic Mesoporous Graphitic Carbon(IV) Nitride: An All-in-One Chemosensor for Selective Optical Sensing of Metal Ions. Angewandte Chemie - International Edition, 2010, 49, 9706-9710.	7.2	266
251	Functional nanomaterials based on block copolymer self-assembly. Progress in Polymer Science, 2010, 35, 1325-1349.	11.8	438
252	Encapsulation of polyaniline in 3-D interconnected mesopores of silica KIT-6. Journal of Colloid and Interface Science, 2010, 341, 353-358.	5.0	39
253	Direct triblock-copolymer-templating synthesis of ordered nitrogen-containing mesoporous polymers. Journal of Colloid and Interface Science, 2010, 342, 579-585.	5.0	83
254	Preparation of ordered mesoporous Ag/WO ₃ and its highly efficient degradation of acetaldehyde under visible-light irradiation. Journal of Hazardous Materials, 2010, 178, 427-433.	6.5	149
255	Nanocasting fabrication of ordered mesoporous phenol-formaldehyde resins with various structures and their adsorption performances for basic organic compounds. Microporous and Mesoporous Materials, 2010, 128, 165-179.	2.2	49
256	Crystallographic and magnetic studies of mesoporous eskolaite,. Microporous and Mesoporous Materials, 2010, 130, 280-286.	2.2	41
257	Mesostructured silica-carbon composites synthesized by employing surfactants as carbon source. Microporous and Mesoporous Materials, 2010, 134, 165-174.	2.2	38
258	Synthesis and characterization of mesoporous indium oxide for humidity-sensing applications. Sensors and Actuators B: Chemical, 2010, 150, 442-448.	4.0	50
259	Ordered nanoporous SnO ₂ gas sensors with high thermal stability. Sensors and Actuators B: Chemical, 2010, 150, 788-793.	4.0	81
260	Cerium-incorporated cage-type mesoporous KIT-6 materials: Synthesis, characterization and catalytic applications. Applied Catalysis A: General, 2010, 374, 11-17.	2.2	29
261	Polyhedral carbon nanofoams with minimum surface area partitions produced using silica nanofoams as templates. Carbon, 2010, 48, 3121-3130.	5.4	2
262	A cubic ordered, mesoporous carbide-derived carbon for gas and energy storage applications. Carbon, 2010, 48, 3987-3992.	5.4	140
263	Epoxy-functionalized large-pore SBA-15 and KIT-6 as affinity chromatography supports. Comptes Rendus Chimie, 2010, 13, 199-206.	0.2	34
264	Synthesis and electrochemical properties of two types of highly ordered mesoporous MnO ₂ . Electrochimica Acta, 2010, 55, 1682-1686.	2.6	27

#	ARTICLE	IF	CITATIONS
265	Synthesis of lathanum or La-B doped KIT-6 mesoporous materials and their application in the catalytic oxidation of styrene. <i>Journal of Rare Earths</i> , 2010, 28, 369-375.	2.5	19
266	Electrodeposition of Nitrogenated Carbon Nanorods by a Facile Electrochemical Method: Microstructure and the Growing Process. <i>Electrochemical and Solid-State Letters</i> , 2010, 13, K89.	2.2	3
267	Catalyst-free synthesis of transparent, mesoporous diamond monoliths from periodic mesoporous carbon CMK-8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13593-13596.	3.3	15
269	Observation on the Structure of Ordered Mesoporous Materials at High Temperature via <i>in Situ</i> X-Ray Diffraction. <i>Advanced Materials Research</i> , 2010, 132, 29-37.	0.3	0
270	Templated nanoscale porous carbons. <i>Nanoscale</i> , 2010, 2, 639.	2.8	299
271	Design and Use of Nanostructured Single-Site Heterogeneous Catalysts for the Selective Transformation of Fine Chemicals. <i>Molecules</i> , 2010, 15, 3829-3856.	1.7	60
272	Functionalized Mesostructured Silicas As Supports for Palladium Catalysts: Effect of Pore Structure and Collapse on Catalytic Activity in the Suzuki-Miyaura Reaction. <i>Journal of Physical Chemistry C</i> , 2010, 114, 57-64.	1.5	60
273	Tailored synthesis of mesoporous platinum replicas using double gyroid mesoporous silica (KIT-6) with different pore diameters via vapor infiltration of a reducing agent. <i>Chemical Communications</i> , 2010, 46, 6365.	2.2	77
274	Ordered mesoporous WO ₃ ·xH ₂ O possessing electronically conductive framework comparable to carbon framework toward long-term stable cathode supports for fuel cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 7416.	6.7	77
275	Hard template synthesis of crystalline mesoporous anatase TiO ₂ for photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry</i> , 2010, 20, 2206.	6.7	144
276	Probing Adsorption, Pore Condensation, and Hysteresis Behavior of Pure Fluids in Three-Dimensional Cubic Mesoporous KIT-6 Silica. <i>Journal of Physical Chemistry C</i> , 2010, 114, 9344-9355.	1.5	183
277	Inclusion of size controlled gallium oxide nanoparticles into highly ordered 3D mesoporous silica with tunable pore diameters and their unusual catalytic performance. <i>Journal of Materials Chemistry</i> , 2010, 20, 10120.	6.7	25
278	Synthesis of Ultrathin Mesoporous Carbon through Bergman Cyclization of Eneidyne Self-Assembled Monolayers in SBA-15. <i>Langmuir</i> , 2010, 26, 11244-11248.	1.6	45
279	Synthesis of Ultralarge-Pore FDU-12 Silica with Face-Centered Cubic Structure. <i>Langmuir</i> , 2010, 26, 14871-14878.	1.6	73
280	Controllable and Large-Scale Synthesis of Carbon Nanofibers, Bamboo-Like Nanotubes, and Chains of Nanospheres over Fe/SnO ₂ and Their Microwave-Absorption Properties. <i>Journal of Physical Chemistry C</i> , 2010, 114, 808-814.	1.5	72
281	Correlation between Electrical Conductivity, Relative Humidity, and Pore Connectivity in Mesoporous Silica Monoliths. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8710-8716.	1.5	5
282	Effect of Pore Shape on Freezing and Melting Temperatures of Water. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4028-4035.	1.5	44
283	Controlled Postgrafting of Titanium Chelates for Improved Synthesis of Ti-SBA-15 Epoxidation Catalysts. <i>Chemistry of Materials</i> , 2010, 22, 1988-2000.	3.2	99

#	ARTICLE	IF	CITATIONS
284	Synthesis of carbon nanorods by reduction of carbon bisulfide. <i>Journal of Alloys and Compounds</i> , 2010, 507, 38-41.	2.8	19
285	Insights into pore surface modification of mesoporous polymer-silica composites: introduction of reactive amines. <i>New Journal of Chemistry</i> , 2010, 34, 355.	1.4	38
286	Analysis of adsorption properties of N719 dye molecules on nanoporous TiO ₂ surface for dye-sensitized solar cell. <i>Applied Surface Science</i> , 2010, 256, 5428-5433.	3.1	46
287	Three-dimensional ordered mesoporous cobalt oxides: Highly active catalysts for the oxidation of toluene and methanol. <i>Catalysis Communications</i> , 2010, 11, 1171-1175.	1.6	152
288	Ordered Mesoporous Boron Carbide Based Materials via Precursor Nanocasting. <i>Chemistry of Materials</i> , 2010, 22, 4660-4668.	3.2	23
289	Mesoporous In ₂ O ₃ with Regular Morphology by Nanocasting: A Simple Relation between Defined Particle Shape and Growth Mechanism. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2075-2081.	1.5	34
290	Nanocasting of Ordered Mesoporous Co ₃ O ₄ -Based Polyoxometalate Composite Frameworks. <i>Chemistry of Materials</i> , 2010, 22, 5739-5746.	3.2	54
291	Large pore phenylene-bridged mesoporous organosilica with bicontinuous cubic Ia $\bar{3}$ _d (KIT-6) mesostructure. <i>Journal of Materials Chemistry</i> , 2010, 20, 8257.	6.7	23
292	Grafting of peralkylated LnIII heterobimetallic complexes onto periodic mesoporous silica KIT-6. <i>Dalton Transactions</i> , 2010, 39, 8552.	1.6	18
293	Influence of Size on the Rate of Mesoporous Electrodes for Lithium Batteries. <i>Journal of the American Chemical Society</i> , 2010, 132, 996-1004.	6.6	271
294	Versatile approach to synthesis of 2-D hexagonal ultra-large-pore periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2010, 20, 7506.	6.7	41
295	Mesoporous magnesium manganese silicate as cathode materials for rechargeable magnesium batteries. <i>Chemical Communications</i> , 2010, 46, 3794.	2.2	129
296	Crystalline three-dimensional cubic mesoporous niobium oxide. <i>CrystEngComm</i> , 2010, 12, 344-347.	1.3	17
297	Use of simple thermal annealing processes to prepare free-standing platinum rods. <i>CrystEngComm</i> , 2010, 12, 2896.	1.3	3
298	Phosphotungstic acid functionalized silica nanocomposites with tunable bicontinuous mesoporous structure and superior proton conductivity and stability for fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 10249.	1.3	40
299	Preparation and characterization of highly ordered mesoporous SiC nanoparticles with rod shaped morphology and tunable pore diameters. <i>Journal of Materials Chemistry</i> , 2011, 21, 8792.	6.7	9
300	Defocus image contrast in hexagonally-ordered mesoporous material. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1189-1200.	1.3	0
301	Carbonization over PFA-protected dispersed platinum: an effective route to synthesize high performance mesoporous-carbon supported Pt electrocatalysts. <i>Journal of Materials Chemistry</i> , 2011, 21, 12139.	6.7	18

#	ARTICLE	IF	CITATIONS
302	The Role Played by Salts in the Formation of SBA-15, an in Situ Small-Angle X-ray Scattering/Diffraction Study. <i>Langmuir</i> , 2011, 27, 7121-7131.	1.6	36
303	Solid-solid conversion of ordered crystalline mesoporous metal oxides under reducing atmosphere. <i>Journal of Materials Chemistry</i> , 2011, 21, 9312.	6.7	45
304	Synthesis and microwave absorbing properties of highly ordered mesoporous crystalline NiFe ₂ O ₄ . <i>Chemical Communications</i> , 2011, 47, 5337.	2.2	164
305	Support-Enhanced Selective Aerobic Alcohol Oxidation over Pd/Mesoporous Silicas. <i>ACS Catalysis</i> , 2011, 1, 636-640.	5.5	153
306	Ordered Carbohydrate-Derived Porous Carbons. <i>Chemistry of Materials</i> , 2011, 23, 4882-4885.	3.2	136
307	Container Effect in Nanocasting Synthesis of Mesoporous Metal Oxides. <i>Journal of the American Chemical Society</i> , 2011, 133, 14542-14545.	6.6	167
308	Phosphonate-functionalized large pore 3-D cubic mesoporous (KIT-6) hybrid as highly efficient actinide extracting agent. <i>Chemical Communications</i> , 2011, 47, 11525.	2.2	88
309	Fingerprinting the magnetic behavior of antiferromagnetic nanostructures using remanent magnetization curves. <i>Physical Review B</i> , 2011, 83, .	1.1	60
310	Controlled Synthesis of the Tricontinuous Mesoporous Material IBN-9 and Its Carbon and Platinum Derivatives. <i>Chemistry of Materials</i> , 2011, 23, 3775-3786.	3.2	25
311	Highly ordered mesoporous NiO anode material for lithium ion batteries with an excellent electrochemical performance. <i>Journal of Materials Chemistry</i> , 2011, 21, 3046.	6.7	456
312	Ordered mesoporous NiMn ₂ O _x with hematite or spinel structure: synthesis and application in electrochemical energy storage and catalytic conversion of N ₂ O. <i>CrystEngComm</i> , 2011, 13, 6955.	1.3	27
313	Immobilization of chiral oxazaborolidine catalyst over highly ordered 3D mesoporous silica with Ia3d symmetry for enantioselective reduction of prochiral ketone. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 4950.	1.3	5
314	Novel oxygen carriers for chemical looping combustion: La _{1-x} Ce _x BO ₃ (B = Co, Mn) perovskites synthesized by reactive grinding and nanocasting. <i>Energy and Environmental Science</i> , 2011, 4, 4258.	15.6	103
315	Preparation of a mesoporous ceria-zirconia supported Ni-Fe catalyst for the high temperature water-gas shift reaction. <i>Catalysis Communications</i> , 2011, 12, 976-979.	1.6	35
316	Periodic Mesoporous Benzene-Silicas Prepared Using Boric Acid as Catalyst. <i>Chemistry of Materials</i> , 2011, 23, 1971-1976.	3.2	28
317	Vapor phase growth of free-standing palladium nanorods. <i>Journal of Crystal Growth</i> , 2011, 335, 127-132.	0.7	1
318	Bicontinuous gyroidal mesoporous carbon matrix for facilitating protein electrochemical and bioelectrocatalytic performances. <i>Talanta</i> , 2011, 83, 1507-1514.	2.9	15
319	Investigation of Pseudocapacitive Charge-Storage Behavior in Highly Conductive Ordered Mesoporous Tungsten Oxide Electrodes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11880-11886.	1.5	100

#	ARTICLE	IF	CITATIONS
320	Morphology Control of Ordered Mesoporous Carbon Using Organic-Templating Approach. , 0, , .		2
322	Synthesis of mesoporous Co-spinel ferrite using a hard template and gaseous diffusion. Solid State Sciences, 2011, 13, 404-408.	1.5	1
323	Ferromagnetic Ni decorated ordered mesoporous carbons as magnetically separable adsorbents for methyl orange. Materials Chemistry and Physics, 2011, 131, 52-59.	2.0	7
324	Synthesis of spheroidal ordered mesoporous carbon materials from silica/P123/butanol composites. Materials Chemistry and Physics, 2011, 130, 1016-1021.	2.0	9
325	Structure and catalytic activity of hosted in mesoporous silicas copper species: Effect of preparation procedure and support pore topology. Applied Catalysis A: General, 2011, 406, 13-21.	2.2	30
326	Catalytic reduction of NO by CO over copper-oxide supported mesoporous silica. Applied Catalysis A: General, 2011, 409-410, 55-65.	2.2	56
327	Improvement of oxygen storage capacity using mesoporous ceria/zirconia solid solutions. Applied Catalysis B: Environmental, 2011, 108-109, 32-38.	10.8	72
328	In-situ carbonization synthesis and ethylene hydrogenation activity of ordered mesoporous tungsten carbide. International Journal of Hydrogen Energy, 2011, 36, 10513-10521.	3.8	21
329	Ultra-fine Pt nanoparticles supported on ionic liquid polymer-functionalized ordered mesoporous carbons for nonenzymatic hydrogen peroxide detection. Biosensors and Bioelectronics, 2011, 28, 77-83.	5.3	70
330	Phase behavior of mesoporous nanostructures templated by amphiphilic crystalline/crystalline diblock copolymers of poly(ethylene oxide-b- β -caprolactone). RSC Advances, 2011, 1, 1822.	1.7	30
331	Pore Structure and Surface Acidity Effects of Ordered Mesoporous Supports on Enantioselective Hydrogenation of Ethyl Pyruvate. ChemCatChem, 2011, 3, 741-748.	1.8	12
332	Magnetically Recoverable Nanocatalysts. Chemical Reviews, 2011, 111, 3036-3075.	23.0	1,535
333	Conditions and features of matrix and bulk carbonization of the organic precursors. Journal of Materials Science, 2011, 46, 4465-4470.	1.7	7
334	Room-temperature CO oxidation over a highly ordered mesoporous RuO ₂ catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2011, 103, 87-99.	0.8	17
335	Influence of the preparation method on the morphology of templated NiCo ₂ O ₄ spinel. Journal of Nanoparticle Research, 2011, 13, 3671-3681.	0.8	9
336	Three-dimensionally ordered and wormhole-like mesoporous iron oxide catalysts highly active for the oxidation of acetone and methanol. Journal of Hazardous Materials, 2011, 186, 84-91.	6.5	80
337	Adsorption performance of VOCs in ordered mesoporous silicas with different pore structures and surface chemistry. Journal of Hazardous Materials, 2011, 186, 1615-1624.	6.5	188
338	Structure design of mesoporous carbons by blending PEO/PPO-type and PPO/PEO-type amphiphilic block copolymers in organic/organic self-assembly. Microporous and Mesoporous Materials, 2011, 141, 26-37.	2.2	10

#	ARTICLE	IF	CITATIONS
339	Highly active and stable mesoporous Au/CeO ₂ catalysts prepared from MCM-48 hard-template. <i>Microporous and Mesoporous Materials</i> , 2011, 142, 308-315.	2.2	47
340	Ligand-Assisted Assembly Approach to Synthesize Large-Pore Ordered Mesoporous Titania with Thermally Stable and Crystalline Framework. <i>Advanced Energy Materials</i> , 2011, 1, 241-248.	10.2	139
342	Single-Crystal Like Titania Mesocages. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1105-1108.	7.2	94
343	Mesoporous γ -Fe ₂ O ₃ Nanospheres: Structural Evolution and Investigation of Magnetic Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 4323-4329.	1.7	16
344	Synthesis of Mesoporous Pt Nanoparticles with Uniform Particle Size from Aqueous Surfactant Solutions toward Highly Active Electrocatalysts. <i>Chemistry - A European Journal</i> , 2011, 17, 8810-8815.	1.7	70
345	Aminopropyl-functionalized cubic Ia3d mesoporous silica nanoparticle as an efficient support for immobilization of superoxide dismutase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 1195-1202.	1.1	53
346	Neutron powder diffraction and magnetic studies of mesoporous Co ₃ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 226-231.	1.0	20
347	Adsorption of CO ₂ from Flue Gas Streams by a Highly Efficient and Stable Aminosilica Adsorbent. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 226-233.	0.9	35
348	Mesoporous γ -MnO ₂ Air Electrode Modified with Pd for Rechargeability in Lithium-Air Battery. <i>Journal of the Electrochemical Society</i> , 2011, 158, A1483.	1.3	87
349	Periodically Ordered Mesoporous Co ₃ O ₄ /Heteropoly Acid Composite Frameworks for Catalytic Applications. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1309, 85.	0.1	2
350	A silanol protection mechanism: Understanding the decomposition behavior of surfactants in mesostructured solids. <i>Journal of Materials Research</i> , 2011, 26, 804-814.	1.2	11
352	Systematical study of depositing nanoparticles and nanowires in mesoporous silica using supercritical carbon dioxide and co-solvents: morphology control, thermodynamics and kinetics of adsorption. <i>Nanotechnology</i> , 2012, 23, 285602.	1.3	17
353	Rechargeable Lithium-Air Battery Using Mesoporous Co ₃ O ₄ Modified with Pd for Air Electrode. <i>Electrochemistry</i> , 2012, 80, 731-733.	0.6	14
354	Nanoarchitectonics for Mesoporous Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 1-32.	2.0	650
355	Mesoporous titania: From synthesis to application. <i>Nano Today</i> , 2012, 7, 344-366.	6.2	260
356	Ordered Mesoporous Materials as Catalysts. <i>Advances in Catalysis</i> , 2012, 55, 127-239.	0.1	45
357	Effect of acid concentration on pore size in polymer-templated mesoporous alumina. <i>Journal of Materials Chemistry</i> , 2012, 22, 86-92.	6.7	43
358	Synthesis of Hard Magnetic Ordered Mesoporous Co ₃ O ₄ /CoFe ₂ O ₄ Nanocomposites. <i>Chemistry of Materials</i> , 2012, 24, 2493-2500.	3.2	83

#	ARTICLE	IF	CITATIONS
359	Effect of the Support on the Photocatalytic Water Oxidation Activity of Cobalt Oxide Nanoclusters. ACS Catalysis, 2012, 2, 2753-2760.	5.5	91
360	Preparation of nanoporous TiO ₂ electrodes using different mesostructured silica templates and improvement of the photovoltaic properties of DSSCs. New Journal of Chemistry, 2012, 36, 2094.	1.4	20
361	Ordered mesoporous silica materials with complicated structures. Current Opinion in Chemical Engineering, 2012, 1, 129-137.	3.8	36
363	Tailored Mesostructured Copper/Ceria Catalysts with Enhanced Performance for Preferential Oxidation of CO at Low Temperature. Angewandte Chemie - International Edition, 2012, 51, 12032-12035.	7.2	143
364	Nitration of anisole in dispersions of mesoporous oxides impregnated with heteropolyacids. Journal of Porous Materials, 2012, 19, 921-933.	1.3	4
365	Co ₃ O ₄ -KIT-6 composite catalysts: synthesis, characterization, and application in catalytic decomposition of N ₂ O. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	10
366	Influence of KIT-6's pore structure on its surface properties evaluated by inverse gas chromatography. Chemical Engineering Journal, 2012, 213, 186-194.	6.6	19
367	Nanocasting synthesis of ordered mesoporous indium tin oxide (ITO) materials with controllable particle size and high thermal stability. Journal of Alloys and Compounds, 2012, 545, 5-11.	2.8	15
368	A one-pot organic-inorganic co-assembling route to ordered mesoporous carbons with cubic and bimodal pore structures. RSC Advances, 2012, 2, 2221.	1.7	5
369	Template-free synthesis of rectangular mesoporous carbon nanorods and their application as a support for Pt electrocatalysts. Journal of Materials Chemistry, 2012, 22, 5758.	6.7	32
370	Transformations and enhanced long-range ordering of mesoporous phenolic resin templated by poly(ethylene oxide-b- μ -caprolactone) block copolymers blended with star poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 337 Td (
371	Synthesis, characterization, and hydrogen storage capacities of hierarchical porous carbide derived carbon monolith. Journal of Materials Chemistry, 2012, 22, 23893.	6.7	50
372	Facile synthesis and basic catalytic application of 3D mesoporous carbon nitride with a controllable bimodal distribution. Journal of Materials Chemistry, 2012, 22, 9831.	6.7	140
373	Macroporous Supported Cu ⁺ Oxide as a Promising Substitute of the Pt Catalyst for Sulfuric Acid Decomposition in Solar Thermochemical Hydrogen Production. Chemistry of Materials, 2012, 24, 557-561.	3.2	39
374	Polymorph Control of Calcium Carbonate on the Surface of Mesoporous Silica. Crystal Growth and Design, 2012, 12, 887-893.	1.4	20
375	Tunable KIT-6 Mesoporous Sulfonic Acid Catalysts for Fatty Acid Esterification. ACS Catalysis, 2012, 2, 1607-1614.	5.5	183
376	Ordered mesoporous NiCoMnO ₄ : synthesis and application in energy storage and catalytic decomposition of N ₂ O. Journal of Materials Chemistry, 2012, 22, 15121.	6.7	19
377	Highly dispersed nickel loaded on mesoporous silica: One-spot synthesis strategy and high performance as catalysts for methane reforming with carbon dioxide. Applied Catalysis B: Environmental, 2012, 125, 324-330.	10.8	168

#	ARTICLE	IF	CITATIONS
378	Preparation of mesoporous titanasilicate molecular sieves with a cage type 3D porous structure for cyclohexene epoxidation. <i>Microporous and Mesoporous Materials</i> , 2012, 160, 159-166.	2.2	20
379	Gold-Palladium nanoparticles supported by mesoporous γ -MnO ₂ air electrode for rechargeable Li-Air battery. <i>Journal of Power Sources</i> , 2012, 220, 211-216.	4.0	54
380	Porous Electrode Materials for Lithium-Ion Batteries – How to Prepare Them and What Makes Them Special. <i>Advanced Energy Materials</i> , 2012, 2, 1056-1085.	10.2	594
381	Efficient CO ₂ Capture by Porous, Nitrogen-Doped Carbonaceous Adsorbents Derived from Task-Specific Ionic Liquids. <i>ChemSusChem</i> , 2012, 5, 1912-1917.	3.6	92
382	Large Pore Mesostructured Organosilica-Phosphonate Hybrids as Highly Efficient and Regenerable Sorbents for Uranium Sequestration. <i>Chemistry of Materials</i> , 2012, 24, 4166-4176.	3.2	116
383	Carbon-based Catalyst Support in Fuel Cell Applications. , 2012, , 549-581.		7
384	Hydrogen production via the aqueous phase reforming of ethylene glycol over platinum-supported ordered mesoporous carbon catalysts: Effect of structure and framework-configuration. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 12187-12197.	3.8	36
385	Sulfonated mesoporous silica-carbon composites and their use as solid acid catalysts. <i>Applied Surface Science</i> , 2012, 261, 574-583.	3.1	76
386	Pd-poly(N-vinyl-2-pyrrolidone)/KIT-6 nanocomposite: Preparation, structural study, and catalytic activity. <i>Comptes Rendus Chimie</i> , 2012, 15, 988-995.	0.2	11
387	Mesoporous silica-based materials for use in electrochemical enzyme nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 40, 106-118.	5.8	70
388	The interaction between the surfactant and the co-structure directing agent in anionic surfactant-templated mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2012, 163, 291-299.	2.2	4
389	Multifunctional Mesoporous Nanocomposites. <i>Materials Science Forum</i> , 2012, 736, 98-119.	0.3	2
390	A Crystal Structure Analysis and Magnetic Investigation on Highly Ordered Mesoporous Cr ₂ O ₃ . <i>Inorganic Chemistry</i> , 2012, 51, 11745-11752.	1.9	41
391	Exceptional activity of mesoporous γ -MnO ₂ in the catalytic thermal sensitization of ammonium perchlorate. <i>Journal of Materials Chemistry</i> , 2012, 22, 6536.	6.7	93
392	Formation of Fe _x O _y hollow nanospheres inside cage type mesoporous materials: a nanocasting pathway. <i>RSC Advances</i> , 2012, 2, 12108.	1.7	7
393	Ordered mesoporous graphitized pyrolytic carbon materials: synthesis, graphitization, and electrochemical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 8835.	6.7	87
394	Mesoporous Al ₂ O ₃ by Nanocasting: Relationship between Crystallinity and Mesoscopic Order. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3283-3288.	1.0	33
395	Surface-Initiated Controlled Radical Polymerization in Ordered Mesoporous Silicas. <i>Israel Journal of Chemistry</i> , 2012, 52, 246-255.	1.0	24

#	ARTICLE	IF	CITATIONS
396	The effect of functionalization of mesoporous silica nanoparticles on the interaction and stability of confined enzyme. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1048-1054.	3.6	27
398	Carbide-Derived Carbon Monoliths with Hierarchical Pore Architectures. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7577-7580.	7.2	131
399	Kinetics of Methanol Oxidation over Mesoporous Perovskite Catalysts. <i>ChemCatChem</i> , 2012, 4, 387-394.	1.8	40
400	A Strategy for the Synthesis of Mesostructured Metal Oxides with Lower Oxidation States. <i>Chemistry - A European Journal</i> , 2012, 18, 5080-5086.	1.7	38
401	Photoreduction of Mesoporous In_2O_3 : Mechanistic Model and Utility in Gas Sensing. <i>Chemistry - A European Journal</i> , 2012, 18, 8216-8223.	1.7	61
402	Ordered mesoporous metal oxides: synthesis and applications. <i>Chemical Society Reviews</i> , 2012, 41, 4909.	18.7	687
403	Immobilization of superoxide dismutase onto ordered mesoporous silica nanoparticles and improvement of its stability. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 157-161.	1.2	4
404	Palladium Nanoparticles Supported on Poly(2-hydroxyethyl methacrylate)/KIT-6 Composite as an Efficient and Reusable Catalyst for Suzuki-Miyaura Reaction in Water. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 404-414.	1.9	22
405	Low temperature CO oxidation over Pd catalysts supported on highly ordered mesoporous metal oxides. <i>Catalysis Today</i> , 2012, 185, 183-190.	2.2	127
406	Highly active Pd-based catalysts with hierarchical pore structure for toluene oxidation: Catalyst property and reaction determining factor. <i>Chemical Engineering Journal</i> , 2012, 180, 46-56.	6.6	63
407	Optimization of the preparation procedure of cobalt modified silicas as catalysts in methanol decomposition. <i>Applied Catalysis A: General</i> , 2012, 417-418, 209-219.	2.2	25
408	CO ₂ adsorption by activated templated carbons. <i>Journal of Colloid and Interface Science</i> , 2012, 366, 147-154.	5.0	194
409	Direct synthesis of metal oxide incorporated mesoporous SBA-15, and their applications in non-enzymatic sensing of glucose. <i>Journal of Colloid and Interface Science</i> , 2012, 381, 143-151.	5.0	71
410	Conductivity of liquid lithium electrolytes with dispersed mesoporous silica particles. <i>Electrochimica Acta</i> , 2012, 60, 1-6.	2.6	7
411	Highly efficient immobilization of beta-lactoglobulin in functionalized mesoporous nanoparticles: A simple and useful approach for enhancement of protein stability. <i>Biophysical Chemistry</i> , 2012, 165-166, 13-20.	1.5	22
412	Electrochemical capacitive behaviors of ordered mesoporous carbons with controllable pore sizes. <i>Journal of Power Sources</i> , 2012, 209, 243-250.	4.0	72
413	Correlation between proton conductivity, thermal stability and structural symmetries in novel HPW-meso-silica nanocomposite membranes and their performance in direct methanol fuel cells. <i>Journal of Membrane Science</i> , 2012, 397-398, 92-101.	4.1	28
414	Novel bis(methylimidazolium)alkane bolaamphiphiles as templates for supermicroporous and mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2012, 148, 62-72.	2.2	22

#	ARTICLE	IF	CITATIONS
415	Ultra-low-cost route to mesocellular siliceous foam from steel slag and mesocellular carbon foam as catalyst support in fuel cell. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 450-456.	2.2	13
416	Synthesis and formation mechanism of TS-1@mesosilica core-shell materials templated by triblock copolymer surfactant. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 8-17.	2.2	20
417	Synthesis of mesoporous Li-Mn spinel without post-template treatment. <i>Microporous and Mesoporous Materials</i> , 2012, 153, 137-141.	2.2	9
418	Immobilization of chiral amide derived from (1R,2S)-($\hat{\alpha}$)-norephedrine over 3D nanoporous silica for the enantioselective addition of diethylzinc to aldehydes. <i>Microporous and Mesoporous Materials</i> , 2012, 155, 40-46.	2.2	7
419	Mo/KIT-6, Fe/KIT-6 and Mo-Fe/KIT-6 as new types of heterogeneous catalysts for the conversion of MCP. <i>Microporous and Mesoporous Materials</i> , 2012, 155, 131-142.	2.2	79
420	Porous silica as supports for controlled fabrication of Au/CeO ₂ /SiO ₂ catalysts for CO oxidation: Influence of the silica nanostructures. <i>Microporous and Mesoporous Materials</i> , 2012, 158, 7-12.	2.2	18
421	Phosphate constituent effects on the structure and photocatalytic properties of mesoporous tungsten oxides. <i>Microporous and Mesoporous Materials</i> , 2012, 158, 13-18.	2.2	13
422	Syntheses and proton conductivity of mesoporous Nd ₂ O ₃ -SiO ₂ and NdOCl-SiO ₂ composites. <i>Journal of Materials Science</i> , 2012, 47, 2146-2154.	1.7	11
423	$\hat{\alpha}$ -Amylase immobilization capacities of mesoporous silicas with different morphologies and surface properties. <i>Journal of Porous Materials</i> , 2012, 19, 95-102.	1.3	22
424	Synthesis of an ordered mesoporous carbon with graphitic characteristics and its application for dye adsorption. <i>Journal of Porous Materials</i> , 2013, 20, 1153-1161.	1.3	17
425	Large-pore mesostructured silicas templated from amphiphilic diblock copolymer PEO-b-PCL: synthesis, structure, and methyl orange adsorption. <i>Journal of Porous Materials</i> , 2013, 20, 927-936.	1.3	3
426	Large mesoporous micro-spheres of WO ₃ /TiO ₂ composite with enhanced visible light photo activity. <i>RSC Advances</i> , 2013, 3, 15354.	1.7	30
427	Tailored copper nanoparticles in ordered mesoporous KIT-6 silica: Preparation and application as catalysts in integrated system for NO removal with products of methanol decomposition. <i>Applied Catalysis A: General</i> , 2013, 464-465, 243-252.	2.2	20
428	Nanostructured catalysts via metal amide-promoted smart grafting. <i>Dalton Transactions</i> , 2013, 42, 12521.	1.6	63
429	Ordered mesoporous Co ₃ O ₄ spinels as stable, bifunctional, noble metal-free oxygen electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9992.	5.2	275
430	Rapid and Efficient Removal of Microcystins by Ordered Mesoporous Silica. <i>Environmental Science & Technology</i> , 2013, 47, 8633-8641.	4.6	103
431	High-temperature long-term stable ordered mesoporous Ni-CGO as an anode for solid oxide fuel cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4531.	5.2	31
432	Fuel Cell Catalysis from a Materials Perspective. , 2013, , 271-305.		5

#	ARTICLE	IF	CITATIONS
433	Carboxyl-functionalized mesoporous silica-carbon composites as highly efficient adsorbents in liquid phase. <i>Microporous and Mesoporous Materials</i> , 2013, 176, 78-85.	2.2	33
434	Layer-by-layer loading iron onto mesoporous silica surfaces: Synthesis, characterization and application for As(V) removal. <i>Microporous and Mesoporous Materials</i> , 2013, 171, 139-146.	2.2	27
435	Polymer template-assisted microemulsion synthesis of large surface area, porous Li ₂ MnO ₃ and its characterization as a positive electrode material of Li-ion cells. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 3125-3136.	1.2	13
436	Mesoporous Oxide-Diluted Magnetic Semiconductors Prepared by Co Implantation in Nanocast 3D-Ordered In ₂ O ₃ . <i>Journal of Physical Chemistry C</i> , 2013, 117, 17084-17091.	1.5	18
437	Effects of the structure of Ce-Cu catalysts on the catalytic combustion of toluene in air. <i>Ceramics International</i> , 2013, 39, 3677-3683.	2.3	41
438	Highly Active Doped Mesoporous KIT-6 Catalysts for Metathesis of 1-Butene and Ethene to Propene: The Influence of Neighboring Environment of W Species. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26385-26395.	1.5	72
439	Composites of V ₂ O ₅ -ordered mesoporous carbon as anode materials for lithium-ion batteries. <i>Carbon</i> , 2013, 62, 382-388.	5.4	89
440	A highly ordered cubic mesoporous silica/graphene nanocomposite. <i>Nanoscale</i> , 2013, 5, 9604.	2.8	32
441	Anhydrous Phosphoric Acid Functionalized Sintered Mesoporous Silica Nanocomposite Proton Exchange Membranes for Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11240-11248.	4.0	42
442	Prominent catalytic activity of mesoporous molecular sieves in the vapor phase dehydration of cyclohexanol to cyclohexene. <i>Journal of Rare Earths</i> , 2013, 31, 477-484.	2.5	6
443	Ultraviolet-assisted preparation of mesoporous WO ₃ /reduced graphene oxide composites: superior interfacial contacts and enhanced photocatalysis. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15110.	5.2	87
444	Design of Ordered Mesoporous Composite Materials and Their Electrocatalytic Activities for Water Oxidation. <i>Chemistry of Materials</i> , 2013, 25, 4926-4935.	3.2	166
445	Nanostructure-Related Magnetic Properties of Various Mesoporous Cobalt Oxide and Cobalt Ferrite Spinel Phases. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24471-24478.	1.5	23
446	Enhanced CO Oxidation Rates at the Interface of Mesoporous Oxides and Pt Nanoparticles. <i>Journal of the American Chemical Society</i> , 2013, 135, 16689-16696.	6.6	361
447	Combining Nitrogen, Argon, and Water Adsorption for Advanced Characterization of Ordered Mesoporous Carbons (CMKs) and Periodic Mesoporous Organosilicas (PMOs). <i>Langmuir</i> , 2013, 29, 14893-14902.	1.6	137
448	TBD-functionalized mesoporous silica: Synthesis and catalytic activity in corn oil transesterification. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 293-300.	2.2	20
449	In situ observation of sintering of nickel nanoparticles during nanocasting into mesoporous silica. <i>Materials Letters</i> , 2013, 111, 154-157.	1.3	5
450	Influence of pore structures on the electrochemical performance of asphaltene-based ordered mesoporous carbons. <i>Microporous and Mesoporous Materials</i> , 2013, 174, 67-73.	2.2	34

#	ARTICLE	IF	CITATIONS
451	Synthesis of nanocomposite TiO ₂ /ZrO ₂ prepared by different templates and photocatalytic properties for the photodegradation of Rhodamine B. Powder Technology, 2013, 235, 27-32.	2.1	31
452	Poly(glycidyl methacrylate)-block-poly(ϵ -caprolactone)-block-poly(glycidyl methacrylate) Triblock Copolymer: Synthesis and Use as Mesoporous Silica Porogen. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 399-410.	1.2	6
453	An In Situ Carbonizationâ€“Replication Method to Synthesize Mesostructured WO ₃ /C Composite as Nonpreciousâ€“Metal Anode Catalyst in PEMFC. Chemistry - an Asian Journal, 2013, 8, 429-436.	1.7	10
454	Pair distribution function (PDF) analysis of mesoporous γ -Fe ₂ O ₃ and Cr ₂ O ₃ . Physical Chemistry Chemical Physics, 2013, 15, 8583.	1.3	6
455	A flexible, bolaamphiphilic template for mesoporous silicas. Physical Chemistry Chemical Physics, 2013, 15, 13343.	1.3	1
456	High-performance solid catalysts for H ₂ generation from ammonia borane: progress through synergetic Cuâ€“Ni interactions. Journal of Materials Chemistry A, 2013, 1, 14790.	5.2	60
457	Nanocasting of hierarchical nanostructured porous carbon in molecular dynamics simulation. Journal of Materials Chemistry A, 2013, 1, 3886.	5.2	14
458	Polyaniline/mesoporous tungsten trioxide composite as anode electrocatalyst for high-performance microbial fuel cells. Biosensors and Bioelectronics, 2013, 41, 582-588.	5.3	98
459	Mesoporous materials as gas sensors. Chemical Society Reviews, 2013, 42, 4036-4053.	18.7	547
460	An overview of the synthesis of ordered mesoporous materials. Chemical Communications, 2013, 49, 943-946.	2.2	263
461	Ecodesign of ordered mesoporous silica materials. Chemical Society Reviews, 2013, 42, 4217.	18.7	152
462	Inverse gas chromatography applied in the surface properties evaluation of mesocellular silica foams modified by sized nickel nanoparticles. Journal of Chromatography A, 2013, 1322, 81-89.	1.8	13
463	One-step nanocasting synthesis of crystalline mesoporous CoO without using reducing agent. Materials Letters, 2013, 110, 65-68.	1.3	4
464	Synthesis of ordered mesoporous CoFe ₂ O ₄ -containing silica by self-assembly process. Journal of Magnetism and Magnetic Materials, 2013, 331, 198-203.	1.0	6
465	Mesoporous delafossite CuCrO ₂ and spinel CuCr ₂ O ₄ : synthesis and catalysis. Nanotechnology, 2013, 24, 345704.	1.3	24
466	An efficient synthesis of graphenated carbon nanotubes over the tailored mesoporous molecular sieves by chemical vapor deposition. Materials Research Bulletin, 2013, 48, 2205-2212.	2.7	37
467	Development of gallium incorporated mesoporous silica catalysts for the selective removal of BTX. Applied Catalysis A: General, 2013, 466, 137-141.	2.2	14
468	Ethanol-based synthesis of hierarchically porous carbon using nanocrystalline beta zeolite template for high-rate electrical double layer capacitor. Carbon, 2013, 60, 175-185.	5.4	57

#	ARTICLE	IF	CITATIONS
469	Pore topology control of supported on mesoporous silicas copper and cerium oxide catalysts for ethyl acetate oxidation. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 156-161.	2.2	20
470	Mesoporous Co ₃ O ₄ as an electrocatalyst for water oxidation. <i>Nano Research</i> , 2013, 6, 47-54.	5.8	274
471	Ordered Mesoporous Tungsten Suboxide Counter Electrode for Highly Efficient Iodine-Free Electrolyte-Based Dye-Sensitized Solar Cells. <i>ChemSusChem</i> , 2013, 6, 299-307.	3.6	26
472	Designing Inorganic Porous Materials for Enzyme Adsorption and Applications in Biocatalysis. <i>ChemCatChem</i> , 2013, 5, 862-884.	1.8	107
473	Functional mesoporous materials for energy applications: solar cells, fuel cells, and batteries. <i>Nanoscale</i> , 2013, 5, 4584.	2.8	114
478	Progress in enzyme immobilization in ordered mesoporous materials and related applications. <i>Chemical Society Reviews</i> , 2013, 42, 3894.	18.7	498
479	The use of in situ and ex situ techniques for the study of the formation mechanism of mesoporous silica formed with non-ionic triblock copolymers. <i>Chemical Society Reviews</i> , 2013, 42, 3777-3791.	18.7	25
480	Design of nanocrystalline mixed oxides with improved oxygen mobility: a simple non-aqueous route to nano-LaFeO ₃ and the consequences on the catalytic oxidation performances. <i>Chemical Communications</i> , 2013, 49, 4923.	2.2	25
481	Mesoporous Gallosilicate with 3D Architecture as a Robust Energy-Efficient Heterogeneous Catalyst for Diphenylmethane Production. <i>ChemCatChem</i> , 2013, 5, 1863-1870.	1.8	3
482	Functionalization of mesostructured silica-carbon composites. <i>Materials Chemistry and Physics</i> , 2013, 139, 281-289.	2.0	28
483	A solid with a hierarchical tetramodal micro-meso-macro pore size distribution. <i>Nature Communications</i> , 2013, 4, 2015.	5.8	85
484	Well-dispersed palladium supported on ordered mesoporous Co ₃ O ₄ for catalytic oxidation of o-xylene. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 72-79.	10.8	93
485	Nanosized Au supported on three-dimensionally ordered mesoporous γ -MnO ₂ : Highly active catalysts for the low-temperature oxidation of carbon monoxide, benzene, and toluene. <i>Microporous and Mesoporous Materials</i> , 2013, 172, 20-29.	2.2	94
486	Fabrication of Hierarchical Macroporous/Mesoporous Carbons via the Dual-Template Method and the Restriction Effect of Hard Template on Shrinkage of Mesoporous Polymers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8784-8792.	1.5	28
487	A new route for the preparation of mesoporous carbon materials with high performance in lithium-sulphur battery cathodes. <i>Chemical Communications</i> , 2013, 49, 5832.	2.2	97
488	Ordered mesoporous nickel cobaltite spinel with ultra-high supercapacitance. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2331.	5.2	99
489	Host (Nanocavity of Aluminium-Incorporated Mesoporous KIT-6)-guest (12-tungsto(molybdate)) Ternary Oxide for Overlook 10 Times Three-Component Coupling Reaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 745-754.	0.8	1
490	Effects of structure on the carbon dioxide methanation performance of Co-based catalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 10012-10018.	3.8	141

#	ARTICLE	IF	CITATIONS
491	Synthesis of ordered mesoporous CuCo ₂ O ₄ with different textures as anode material for lithium ion battery. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 242-247.	2.2	80
492	Controlled 3D-coating of the pores of highly ordered mesoporous antiferromagnetic Co ₃ O ₄ replicas with ferrimagnetic Fe _x Co _{3-x} O ₄ nanolayers. <i>Nanoscale</i> , 2013, 5, 5561.	2.8	12
493	Textural Characterization of Micro- and Mesoporous Carbons Using Combined Gas Adsorption and <i>n</i> -Nonane Preadsorption. <i>Langmuir</i> , 2013, 29, 8133-8139.	1.6	30
494	Tunable Pt nanocatalysts for the aerobic selox of cinnamyl alcohol. <i>Nanoscale</i> , 2013, 5, 5412.	2.8	26
495	Crystalline mesoporous tungsten oxide nanoplate monoliths synthesized by directed soft template method for highly sensitive NO ₂ gas sensor applications. <i>Materials Research Bulletin</i> , 2013, 48, 440-448.	2.7	39
496	Growth of ordered multi-walled carbon nanotubes over mesoporous 3D cubic Zn/Fe-KIT-6 molecular sieves and its use in the fabrication of epoxy nanocomposites. <i>Microporous and Mesoporous Materials</i> , 2013, 167, 162-175.	2.2	33
497	Preparation of cubic ordered mesoporous silicon carbide monoliths by pressure assisted preceramic polymer nanocasting. <i>Microporous and Mesoporous Materials</i> , 2013, 168, 142-147.	2.2	20
498	Pt-Mediated Reversible Reduction and Expansion of CeO ₂ in Pt Nanoparticle/Mesoporous CeO ₂ Catalyst: In Situ X-ray Spectroscopy and Diffraction Studies under Redox (H ₂ and O ₂) Atmospheres. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26608-26616.	1.5	67
499	Synthesis of hierarchical fiberlike ordered mesoporous carbons with excellent electrochemical capacitance performance by a strongly acidic aqueous cooperative assembly route. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15447.	5.2	32
500	Templated synthesis of nanostructured materials. <i>Chemical Society Reviews</i> , 2013, 42, 2610-2653.	18.7	806
501	Diffraction analysis of mesostructured mesoporous materials. <i>Chemical Society Reviews</i> , 2013, 42, 3708-3720.	18.7	23
502	Zirconia Promoted Nickel Nanowire Catalyst for the Partial Oxidation of Methane to Synthesis Gas. <i>Advanced Materials Research</i> , 0, 791-793, 106-111.	0.3	0
503	Ethanol Catalytic Oxidation on Ordered Mesoporous CuO/KIT-6 Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2013, 11, 259-263.	0.6	4
504	A High Capacity Calcium Primary Cell Based on the Ca-S System. <i>Advanced Energy Materials</i> , 2013, 3, 1056-1061.	10.2	93
505	A Facile and Rapid Sonochemical Route to Synthesize Highly Ordered Mesoporous Silicas MCM-48 and Al-MCM-48 with Ia _{3d} Cubic Structure Using Gemini Surfactant. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 831-838.	0.8	1
506	The Synthesis and Characterization of High Surface Area Mesoporous Cr ₂ O ₃ -CeO ₂ Composites. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 1312-1315.	0.6	2
507	Nanosize Control on Porous γ -MnO ₂ and Their Catalytic Activity in CO Oxidation and N ₂ O Decomposition. <i>Materials</i> , 2014, 7, 3547-3556.	1.3	19
508	A nano-scale free volume perspective on the glass transition of supercooled water in confinement. <i>New Journal of Physics</i> , 2014, 16, 103030.	1.2	20

#	ARTICLE	IF	CITATIONS
509	Steam Reforming of Ethanol by a Nickel Nanowire Catalyst. Applied Mechanics and Materials, 0, 651-653, 92-102.	0.2	2
510	Deformation of Ordered Mesoporous Silica Structures on Exposure to High Temperatures. Journal of Nanomaterials, 2014, 2014, 1-13.	1.5	18
511	Optimization of fuel cell membrane electrode assemblies for transition metal ion-chelating ordered mesoporous carbon cathode catalysts. APL Materials, 2014, 2, 121102.	2.2	11
512	New Insight into the Reaction Mechanism for Exceptional Capacity of Ordered Mesoporous SnO ₂ Electrodes via Synchrotron-Based X-ray Analysis. Chemistry of Materials, 2014, 26, 6361-6370.	3.2	114
514	Epoxidation of vinyl functionalized cubic Ia3d mesoporous silica for immobilization of penicillin G acylase. Chinese Journal of Catalysis, 2014, 35, 1709-1715.	6.9	13
515	Mesostructured Platinum-Free Anode and Carbon-Free Cathode Catalysts for Durable Proton Exchange Membrane Fuel Cells. ChemSusChem, 2014, 7, 135-145.	3.6	4
516	Soft-Templated Mesoporous Carbons: Chemistry and Structural Characteristics. ACS Symposium Series, 2014, , 61-83.	0.5	10
517	MgO-SBA-15 Supported Pd-Pb Catalysts for Oxidative Esterification of Methacrolein with Methanol to Methyl Methacrylate. Chinese Journal of Chemical Engineering, 2014, 22, 1098-1104.	1.7	14
518	The First Example of <i>ortho</i> -Arylation of Benzamides over Pd/Mesoporous Silica: A Novel Approach for Direct sp ² C-H Bond Activation. Industrial & Engineering Chemistry Research, 2014, 53, 20075-20084.	1.8	10
519	Au/Ce _{0.6} Zr _{0.3} Y _{0.1} O ₂ Nanorods: Highly Active Catalysts for the Oxidation of Carbon Monoxide and Toluene. Industrial & Engineering Chemistry Research, 2014, 53, 18452-18461.	1.8	19
520	CO ₂ sorption in wet ordered mesoporous silica kit-6: effects of water content and mechanism on enhanced sorption capacity. Adsorption, 2014, 20, 883-888.	1.4	25
521	Investigation into the Controlled-Release Kinetic Models of Rose Perfume in SBA-15 and KIT-6. Advanced Materials Research, 0, 955-959, 399-402.	0.3	0
522	Hard Template Route for Synthesis of Mesoporous Spinel Type Oxides with Ordered Structure. Advanced Materials Research, 0, 886, 200-203.	0.3	0
523	Fructose as a Precursor for Mesoporous Carbon: Straightforward Solvent-Free Synthesis by Nanocasting. ACS Symposium Series, 2014, , 3-12.	0.5	2
524	Template-derived high surface area γ -MnO ₂ for supercapacitor applications. Journal of Applied Electrochemistry, 2014, 44, 123-132.	1.5	26
525	Adsorption by Ordered Mesoporous Materials. , 2014, , 529-564.		7
526	Hydrogen production by aqueous phase reforming of polyols over nano- and micro-sized mesoporous carbon supported platinum catalysts. Catalysis Today, 2014, 232, 151-157.	2.2	22
527	Synthesis of cubic Ia-3d mesoporous silica in anionic surfactant templating system with the aid of acetate. Journal of Colloid and Interface Science, 2014, 427, 42-48.	5.0	4

#	ARTICLE	IF	CITATIONS
528	Gellified ionic liquid based composite electrolytesâ€™ Influence of different silica as filler materials on electrical and mechanical properties of the electrolyte. <i>Electrochemistry Communications</i> , 2014, 39, 34-36.	2.3	0
529	Mesoporous Co ₃ O ₄ -supported gold nanocatalysts: Highly active for the oxidation of carbon monoxide, benzene, toluene, and o-xylene. <i>Journal of Catalysis</i> , 2014, 309, 408-418.	3.1	320
530	Influence of Ce/Cu ratio on the performance of ordered mesoporous CeCu composite oxide catalysts. <i>Chemical Engineering Journal</i> , 2014, 246, 53-63.	6.6	110
531	Structured mesoporous Mn, Fe, and Co oxides: Synthesis, physicochemical, and catalytic properties. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 238-242.	0.1	3
532	Sulfur-Functionalized Mesoporous Carbons as Sulfur Hosts in Liâ€™S Batteries: Increasing the Affinity of Polysulfide Intermediates to Enhance Performance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10908-10916.	4.0	94
533	Physical adsorption characterization of nanoporous materials: progress and challenges. <i>Adsorption</i> , 2014, 20, 233-250.	1.4	533
534	The enhanced adsorption of sulfur compounds onto mesoporous Ni-ALKIT-6 sorbent, equilibrium and kinetic analysis. <i>Journal of Hazardous Materials</i> , 2014, 270, 82-91.	6.5	29
535	Antiâ€™cancer Applications of Titanoceneâ€™Functionalised Nanostructured Systems: An Insight into Cell Death Mechanisms. <i>Chemistry - A European Journal</i> , 2014, 20, 10811-10828.	1.7	37
536	Magnetic ordered mesoporous copper ferrite as a heterogeneous Fenton catalyst for the degradation of imidacloprid. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 534-545.	10.8	369
537	Hydrogen production from catalytic decomposition of methane over ordered mesoporous carbons (CMK-3) and carbide-derived carbon (DUT-19). <i>Carbon</i> , 2014, 67, 377-389.	5.4	36
538	Synthesis of graphene-encapsulated mesoporous In ₂ O ₃ with different particle size for high-performance lithium storage. <i>Electrochimica Acta</i> , 2014, 116, 31-38.	2.6	30
539	Kinetic and equilibrium studies of lead(II) adsorption from aqueous media by KIT-6 mesoporous silica functionalized with â€™COOH. <i>Comptes Rendus Chimie</i> , 2014, 17, 869-880.	0.2	30
540	Tricomponent Coassembly Approach To Synthesize Ordered Mesoporous Carbon/Silica Nanocomposites and Their Derivative Mesoporous Silicas with Dual Porosities. <i>Chemistry of Materials</i> , 2014, 26, 2438-2444.	3.2	41
542	A Study on the Growth of Cr ₂ O ₃ in Ordered Mesoporous Silica and Its Replication. <i>Chemistry - A European Journal</i> , 2014, 20, 7692-7697.	1.7	12
543	Synthesis of a new ordered mesoporous NiMoO ₄ complex oxide and its efficient catalytic performance for oxidative dehydrogenation of propane. <i>Journal of Energy Chemistry</i> , 2014, 23, 171-178.	7.1	24
544	Preparation of NiMo/KIT-6 hydrodesulfurization catalysts with tunable sulfidation and dispersion degrees of active phase by addition of citric acid as chelating agent. <i>Fuel</i> , 2014, 130, 203-210.	3.4	72
545	Poly(ethylene glycol) as structure directing agent in solâ€™gel synthesis of amorphous silica. <i>Microporous and Mesoporous Materials</i> , 2014, 190, 146-151.	2.2	19
546	Nanocasting Synthesis of In ₂ O ₃ with Appropriate Mesostructured Ordering and Enhanced Gas-Sensing Property. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 401-409.	4.0	119

#	ARTICLE	IF	CITATIONS
547	Catalytic properties and stability of cubic mesoporous $\text{LaNiO}_2/\text{KIT-6}$ catalysts for CO_2 reforming of CH_4 . <i>Chemical Engineering Journal</i> , 2014, 237, 421-429.	6.6	45
548	Synthesis and Characterization of Gyroidal Mesoporous Carbons and Carbon Monoliths with Tunable Ultralarge Pore Size. <i>ACS Nano</i> , 2014, 8, 731-743.	7.3	92
549	CARBON DIOXIDE METHANATION ON ORDERED MESOPOROUS $\text{CO}/\text{KIT-6}$ CATALYST. <i>Chemical Engineering Communications</i> , 2014, 201, 233-240.	1.5	27
550	Hydrothermal synthesis of Cu_2O supported on mesoporous SiO_2 as SO_3 decomposition catalysts for solar thermochemical hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 20646-20651.	3.8	22
551	Synthesis of ordered mesoporous iron manganese bimetal oxides for arsenic removal from aqueous solutions. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 235-244.	2.2	91
552	Template-free preparation of mesoporous silica and alumina from natural kaolinite and their application in methylene blue adsorption. <i>Applied Clay Science</i> , 2014, 102, 33-40.	2.6	35
553	Heterogeneous Pd catalysts supported on silica matrices. <i>RSC Advances</i> , 2014, 4, 65137-65162.	1.7	137
554	Magnetic properties of nano-scale hematite, $\gamma\text{-Fe}_2\text{O}_3$, studied by time-of-flight inelastic neutron spectroscopy. <i>Journal of Chemical Physics</i> , 2014, 140, 044709.	1.2	6
555	Selective catalytic oxidation of ammonia to nitrogen over orderly mesoporous CuFe_2O_4 with high specific surface area. <i>Science Bulletin</i> , 2014, 59, 3980-3986.	1.7	27
556	Effects of Nanoparticle Size and Metal/Support Interactions in Pt-Catalyzed Methanol Oxidation Reactions in Gas and Liquid Phases. <i>Catalysis Letters</i> , 2014, 144, 1930-1938.	1.4	34
557	Impacts of Geometry, Symmetry, and Morphology of Nanocast Co_3O_4 on Its Catalytic Activity for Water Oxidation. <i>Chemistry of Materials</i> , 2014, 26, 6127-6134.	3.2	67
558	Sensitive and easily recyclable plasmonic SERS substrate based on Ag nanowires in mesoporous silica. <i>RSC Advances</i> , 2014, 4, 57743-57748.	1.7	15
559	Free standing silica thin films with highly ordered perpendicular nanopores. <i>RSC Advances</i> , 2014, 4, 7627-7633.	1.7	15
560	Nanocasted synthesis of ordered mesoporous cerium iron mixed oxide and its excellent performances for $\text{As}(\text{V})$ and $\text{Cr}(\text{VI})$ removal from aqueous solutions. <i>Dalton Transactions</i> , 2014, 43, 10767-10777.	1.6	59
561	One-step replication and enhanced catalytic activity for cathodic oxygen reduction of the mesostructured $\text{Co}_3\text{O}_4/\text{carbon}$ composites. <i>Dalton Transactions</i> , 2014, 43, 4163-4168.	1.6	23
562	Structural evolution in ordered mesoporous TiO_2 anatase electrodes. <i>Chemical Communications</i> , 2014, 50, 8997.	2.2	10
563	Niobium doped hexagonal mesoporous silica (HMS-X) catalyst for vapor phase Beckmann rearrangement reaction. <i>RSC Advances</i> , 2014, 4, 845-854.	1.7	28
564	Monodisperse, nanoporous ceria microspheres embedded with Pt nanoparticles: general facile synthesis and catalytic application. <i>RSC Advances</i> , 2014, 4, 42965-42970.	1.7	8

#	ARTICLE	IF	CITATIONS
565	Highly ordered mesoporous $Cd_xZn_{1-x}Se$ ternary compound semiconductors with controlled band gap energies. <i>New Journal of Chemistry</i> , 2014, 38, 3729-3736.	1.4	11
566	Synthesis, structural characterization, and electrochemical performance of nanocast mesoporous Cu-/Fe-based oxides. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3065.	5.2	24
567	High-resolution imaging with SEM/T-SEM, EDX and SAM as a combined methodical approach for morphological and elemental analyses of single engineered nanoparticles. <i>RSC Advances</i> , 2014, 4, 49577-49587.	1.7	74
568	Effects of preparation method on CeCu oxide catalyst performance. <i>RSC Advances</i> , 2014, 4, 50840-50850.	1.7	28
569	Nanostructured Hybrid Materials for the Selective Recovery and Enrichment of Rare Earth Elements. <i>Advanced Functional Materials</i> , 2014, 24, 2668-2676.	7.8	108
570	Facile Fabrication of Composition-Tuned Ru@Ni Bimetallics in Ordered Mesoporous Carbon for Levulinic Acid Hydrogenation. <i>ACS Catalysis</i> , 2014, 4, 1419-1425.	5.5	136
571	Simple synthesis of ordered cubic mesoporous graphitic carbon nitride by chemical vapor deposition method using melamine. <i>Materials Letters</i> , 2014, 136, 271-273.	1.3	57
572	Efficient and Ecofriendly Route for the Solvent-Free Synthesis of 4-Alkoxy-5H-chromen[2,3-d]pyrimidines Using Phosphonic Acid Functionalized KIT-6 Confined Ionic Liquid as Recoverable Catalyst. <i>Synthetic Communications</i> , 2014, 44, 2826-2837.	1.1	3
573	Different transition metal (Fe^{2+} , Co^{2+} , Ni^{2+} , Cu^{2+} or Ti) catalyzed the epoxidation of styrene. <i>RSC Advances</i> , 2013, 4, 2310-2317.	1.7	63
574	Catalytic combustion of PVOCs on MnOx catalysts. <i>Journal of Molecular Catalysis A</i> , 2014, 393, 279-288.	4.8	39
575	Promotional Effects of Mesoporous Zeolites with Pt Nanoparticle Catalysts during Reforming of Methylcyclopentane. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8446-8452.	1.1	20
576	Yolk@Shell $Fe^{0}@SiO_2$ Nanoparticles as Nanoreactors for Fenton-like Catalytic Reaction. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13167-13173.	4.0	95
577	Adsorption study using optimised 3D organised mesoporous silica coated with Fe and Al oxides for specific As(III) and As(V) removal from contaminated synthetic groundwater. <i>Microporous and Mesoporous Materials</i> , 2014, 198, 101-114.	2.2	28
578	Synthesis of NiMo hydrodesulfurization catalyst supported on a composite of nano-sized ZSM-5 zeolite enwrapped with mesoporous KIT-6 material and its high isomerization selectivity. <i>Journal of Catalysis</i> , 2014, 317, 303-317.	3.1	114
579	Influence of the pore structure of CeO2 supports on the surface texture and catalytic activity for CO oxidation. <i>CrystEngComm</i> , 2014, 16, 5189.	1.3	42
580	Synergetic Catalytic Effects in Tri-Component Mesostructured Ru@Cu@Ce Oxide Nanocomposite in CO Oxidation. <i>ChemCatChem</i> , 2014, 6, 2860-2871.	1.8	15
581	Palladium-Free, Highly Efficient Mesoporous Tin Silicates Catalytic Acyl Sonogashira Coupling Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 18630-18636.	1.8	12
582	Influence of thermal treatments on phase composition and acidity of mesoporous tungsten oxide. <i>Microporous and Mesoporous Materials</i> , 2014, 194, 15-23.	2.2	6

#	ARTICLE	IF	CITATIONS
583	Porous Cubic Aggregated Co ₃ O ₄ Microsphere-Supported Gold Nanoparticles for Oxidation of Carbon Monoxide and Toluene. <i>ChemSusChem</i> , 2014, 7, 1745-1754.	3.6	51
584	Fructose and Urea as Precursors for N-Modified Mesoporous Carbon with Enhanced Sorption Capacity for Heavy Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2787-2792.	1.0	11
585	Synthesis and characterization of mesoporous poly(N-vinyl-2-pyrrolidone) containing palladium nanoparticles as a novel heterogeneous organocatalyst for Heck reaction. <i>Journal of Molecular Structure</i> , 2014, 1063, 259-268.	1.8	16
586	Au deposited on CeO ₂ prepared by a nanocasting route: A high activity catalyst for CO oxidation. <i>Journal of Catalysis</i> , 2014, 317, 167-175.	3.1	34
587	Curcumin-loaded guanidine functionalized PEGylated I3ad mesoporous silica nanoparticles KIT-6: Practical strategy for the breast cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 646-654.	2.6	96
588	One-pot preparation of novel asymmetric structure nanoparticles and its application in catalysis. <i>RSC Advances</i> , 2014, 4, 43586-43589.	1.7	8
589	Polymer Template Assisted Synthesis of Porous Li _{1.2} Mn _{0.53} Ni _{0.13} Co _{0.13} O ₂ as a High Capacity and High Rate Capability Positive Electrode Material. <i>Journal of the Electrochemical Society</i> , 2014, 161, A33-A39.	1.3	29
590	Influence of Fe Doping on Structure and Water Oxidation Activity of Nanocast Co ₃ O ₄ . <i>Chemistry of Materials</i> , 2014, 26, 3162-3168.	3.2	154
591	Graphene-encapsulated porous carbon-ZnO composites as high-performance anode materials for Li-ion batteries. <i>Electrochimica Acta</i> , 2014, 135, 161-167.	2.6	103
592	Open-system nanocasting synthesis of nanoscale γ -Fe ₂ O ₃ porous structure with enhanced acetone-sensing properties. <i>Journal of Alloys and Compounds</i> , 2014, 600, 111-117.	2.8	42
593	Nanostructured and nanoporous LiFePO ₄ and LiNi _{0.5} Mn _{1.5} O ₄ as cathode materials for lithium-ion batteries. <i>Progress in Solid State Chemistry</i> , 2014, 42, 218-241.	3.9	15
594	Alumina-grafted SBA-15 as a high performance support for Pd-catalysed cinnamyl alcohol selective oxidation. <i>Catalysis Today</i> , 2014, 229, 46-55.	2.2	68
595	One-step synthesis of multi-modal pore systems in mesoporous In ₂ O ₃ : A detailed study. <i>Microporous and Mesoporous Materials</i> , 2014, 188, 133-139.	2.2	12
596	A hard-templating route towards ordered mesoporous tungsten carbide and carbide-derived carbons. <i>Microporous and Mesoporous Materials</i> , 2014, 186, 163-167.	2.2	13
597	A co-pyrolysis route to synthesize nitrogen doped multiwall carbon nanotubes for oxygen reduction reaction. <i>Carbon</i> , 2014, 68, 232-239.	5.4	34
598	Effect of mesoporous silica topology on the formation of active sites in copper supported catalysts for methanol decomposition. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 684-697.	10.8	35
599	Ordered mesoporous Cu-Ce-O catalysts for CO preferential oxidation in H ₂ -rich gases: Influence of copper content and pretreatment conditions. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 11-18.	10.8	68
600	Synthesis of Nitrogen- and Sulfur-Codoped 3D Cubic-Ordered Mesoporous Carbon with Superior Performance in Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2657-2665.	4.0	176

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601	A General Synthetic Approach for Ordered Mesoporous Metal Sulfides. <i>Journal of the American Chemical Society</i> , 2014, 136, 8895-8898.	6.6	96
602	A synthesis concept for a nanostructured CoFe ₂ O ₄ /BaTiO ₃ composite: Towards multiferroics. <i>Microporous and Mesoporous Materials</i> , 2014, 196, 300-304.	2.2	20
603	Ordered mesoporous CuO/CeO ₂ mixed oxides as an effective catalyst for N ₂ O decomposition. <i>Chemical Engineering Journal</i> , 2014, 254, 153-162.	6.6	63
604	Comprehensive study of the role of ethylene glycol when preparing Ag@SBA-15 in supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2014, 92, 100-106.	1.6	14
605	Synthesis of KIT-6 type mesoporous silicas with tunable pore sizes, wall thickness and particle sizes via the partitioned cooperative self-assembly process. <i>Microporous and Mesoporous Materials</i> , 2014, 194, 167-173.	2.2	55
606	Synthesis, structure, and photocatalytic properties of ordered mesoporous metal-doped Co ₃ O ₄ . <i>Journal of Catalysis</i> , 2014, 310, 2-9.	3.1	70
608	Highly Porous Fe ₂ O ₃ /KIT-6 with Mg Substitution for Heterogeneous Fenton Oxidation of Imidacloprid with Enhanced Catalytic Activity. <i>Chemistry Letters</i> , 2015, 44, 601-603.	0.7	6
609	Innovative materials in winemaking. <i>BIO Web of Conferences</i> , 2015, 5, 02023.	0.1	2
610	Systematically Controlled Pore System of Ordered Mesoporous Carbons Using Phosphoric Acid as the <i>In situ</i> Generated Catalysts for Carbonization and Activation. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2062-2067.	1.0	6
611	Tuning of the Temperature Window for Unit-Cell and Pore-Size Enlargement in Face-Centered-Cubic Large-Mesopore Silicas Templated by Swollen Block Copolymer Micelles. <i>Chemistry - A European Journal</i> , 2015, 21, 12747-12754.	1.7	9
612	Combined Spectroscopic and Calorimetric Studies to Reveal Absorption Mechanisms and Conformational Changes of Protein on Nanoporous Biomaterials. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17289-17302.	1.8	6
613	Natural-gel derived, N-doped, ordered and interconnected 1D nanocarbon threads as efficient supercapacitor electrode materials. <i>RSC Advances</i> , 2015, 5, 51382-51391.	1.7	13
614	Electrochemical Hierarchical Composites. , 2015, , 239-286.		1
615	Green preparation of tuneable carbon-silica composite materials from wastes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14148-14156.	5.2	15
616	Fabrication of Mesostructured Silica Materials through Co-Structure-Directing Route. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 617-632.	2.0	39
617	Effect of Different Pore Structures on the Surface Textures of the Cu-Doped CeO ₂ Catalysts and Applied for CO Catalytic Oxidation. <i>Catalysis Surveys From Asia</i> , 2015, 19, 129-139.	1.0	10
618	Dendrimer-functionalized mesoporous silica as a reversed-phase/anion-exchange mixed-mode sorbent for solid phase extraction of acid drugs in human urine. <i>Journal of Chromatography A</i> , 2015, 1392, 28-36.	1.8	57
619	Mesoporous Mn- and La-Doped Cerium Oxide/Cobalt Oxide Mixed Metal Catalysts for Methane Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11460-11466.	4.0	63

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620	Structure Transition Mechanism of Single-Crystalline Silicon, g-C ₃ N ₄ , and Diamond Nanocone Arrays Synthesized by Plasma Sputtering Reaction Deposition. <i>Journal of Physical Chemistry C</i> , 2015, 119, 29062-29070.	1.5	15
621	Selective recovery of rare earth elements using chelating ligands grafted on mesoporous surfaces. <i>RSC Advances</i> , 2015, 5, 103782-103789.	1.7	47
622	Unique preparation method for mesoporous β -Fe ₂ O ₃ simplified by using surfactant contained mesoporous silica as a hard template. <i>Materials Research Innovations</i> , 2015, 19, 51-53.	1.0	4
623	Ordered mesoporous NiO with thin pore walls and its enhanced sensing performance for formaldehyde. <i>Nanoscale</i> , 2015, 7, 4005-4012.	2.8	110
624	Mesoporous NiO@CeO ₂ catalysts for CO oxidation: Nickel content effect and mechanism aspect. <i>Applied Catalysis A: General</i> , 2015, 494, 77-86.	2.2	99
626	Designing 3D Highly Ordered Nanoporous CuO Electrodes for High-Performance Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4851-4860.	4.0	340
627	Versatile Surfactant/Swelling-Agent Template for Synthesis of Large-Pore Ordered Mesoporous Silicas and Related Hollow Nanoparticles. <i>Chemistry of Materials</i> , 2015, 27, 679-689.	3.2	65
628	Synthesis of Cu-Ce/KIT-6 materials for SO _x removal. <i>Applied Catalysis A: General</i> , 2015, 504, 110-118.	2.2	35
629	Nanocasted synthesis of magnetic mesoporous iron cerium bimetal oxides (MMIC) as an efficient heterogeneous Fenton-like catalyst for oxidation of arsenite. <i>Journal of Hazardous Materials</i> , 2015, 287, 225-233.	6.5	68
630	Enhanced Gas-Sensing Performance of Fe-Doped Ordered Mesoporous NiO with Long-Range Periodicity. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3228-3237.	1.5	74
631	Assembly of core-shell structured porous carbon-graphene composites as anode materials for lithium-ion batteries. <i>Electrochimica Acta</i> , 2015, 152, 338-344.	2.6	58
632	Preparation of lactose-based attapulgite template carbon materials and their electrochemical performance. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1171-1180.	1.2	13
633	Influence of confinement in mesoporous silica on diffusion of a mixture of carbon dioxide and an imidazolium-based ionic liquid by high field diffusion NMR. <i>Microporous and Mesoporous Materials</i> , 2015, 206, 177-183.	2.2	23
634	Mesoporous KIT-6 Supported Pd _m O _y (M=Ni, Co, Fe) Catalysts with Enhanced Selectivity for p-Chloronitrobenzene Hydrogenation. <i>Catalysis Letters</i> , 2015, 145, 784-793.	1.4	28
635	Synthesis of ordered mesoporous crystalline CuS and Ag ₂ S materials via cation exchange reaction. <i>Nanoscale</i> , 2015, 7, 4468-4474.	2.8	18
636	Enhanced Catalytic Performance of Three-Dimensional Ordered Mesoporous Transition Metal (Co, Cu) Tj ETQq1 1 0.784314 rjBT /Over	1.0	24
637	Synthesis of mesoporous carbons using silica templates impregnated with mineral acids. <i>Microporous and Mesoporous Materials</i> , 2015, 207, 156-162.	2.2	21
638	Nitrogen-doped hierarchically porous carbon spheres as efficient metal-free electrocatalysts for an oxygen reduction reaction. <i>Journal of Power Sources</i> , 2015, 283, 389-396.	4.0	79

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639	Capacitance behavior of ordered mesoporous carbon/Fe ₂ O ₃ composites: Comparison between 1D cylindrical, 2D hexagonal, and 3D bicontinuous mesostructures. <i>Carbon</i> , 2015, 93, 903-914.	5.4	37
640	Formation of catalytic active sites in iron modified activated carbons from agriculture residues. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 87-95.	2.2	15
641	New route for preparing nanosized boron carbide powder via magnesiothermic reduction using mesoporous carbon. <i>Ceramics International</i> , 2015, 41, 13658-13662.	2.3	28
642	Pluronic-P123-Templated Synthesis of Silica with Cubic <i>Im3cd</i> Structure in the Presence of Micelle Swelling Agent. <i>Langmuir</i> , 2015, 31, 7623-7632.	1.6	14
643	Polystyrene- <i>block</i> -Polybutadiene- <i>block</i> -Polystyrene Triblock Copolymer Meets Silica: From Modification of Copolymer to Formation of Mesoporous Silica. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 6454-6466.	1.8	14
644	Modified template synthesis and electrochemical performance of a Co ₃ O ₄ /mesoporous cathode for lithium-oxygen batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16132-16141.	5.2	31
645	An ordered mesoporous Ag superstructure synthesized via a template strategy for surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2015, 7, 12318-12324.	2.8	29
646	Synthesis of functional xLaMn/KIT-6 and features in hot coal gas desulphurization. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20667-20676.	1.3	16
647	Bismuth-embedded SBA-15 mesoporous silica for radioactive iodine capture and stable storage. <i>Journal of Nuclear Materials</i> , 2015, 465, 556-564.	1.3	88
648	A comparative study of ordered mesoporous carbons with different pore structures as anode materials for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 42922-42930.	1.7	73
649	Mesoporous SnO ₂ by Nanocasting Route Using Various Silica Templates for Gas Sensing Application. <i>Advanced Materials Research</i> , 2015, 1113, 140-146.	0.3	1
650	Controlling synthesis and gas-sensing properties of ordered mesoporous In ₂ O ₃ -reduced graphene oxide (rGO) nanocomposite. <i>Science Bulletin</i> , 2015, 60, 1348-1354.	4.3	30
651	3D-niobium oxide supported platinum as an effective and durable oxygen reduction catalyst. <i>Catalysis Communications</i> , 2015, 68, 67-72.	1.6	9
652	Hydrogen production via the aqueous phase reforming of polyols over CMK-9 mesoporous carbon supported platinum catalysts. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 15236-15243.	3.8	22
653	Ordered mesoporous crystalline aluminas from self-assembly of ABC triblock terpolymer- <i>butanol</i> -alumina sols. <i>RSC Advances</i> , 2015, 5, 49287-49294.	1.7	13
654	Ternary mesoporous WO ₃ /Mn ₃ O ₄ /N-doped graphene nanocomposite for enhanced photocatalysis under visible light irradiation. <i>Catalysis Science and Technology</i> , 2015, 5, 3375-3382.	2.1	28
655	NiCo ₂ O ₄ spinel/ordered mesoporous carbons as noble-metal free electrocatalysts for oxygen reduction reaction and the influence of structure of catalyst support on the electrochemical activity of NiCo ₂ O ₄ . <i>Journal of Power Sources</i> , 2015, 288, 1-8.	4.0	67
656	NH ₃ -SCR performance improvement of mesoporous Sn modified Cr-MnO _x catalysts at low temperatures. <i>Catalysis Today</i> , 2015, 258, 103-111.	2.2	51

#	ARTICLE	IF	CITATIONS
657	Calcination system-induced nanocasting synthesis of uniform Co ₃ O ₄ nanoparticles with high surface area and enhanced catalytic performance. RSC Advances, 2015, 5, 35524-35534.	1.7	18
658	Humidity-sensing properties of LiCl-loaded 3D cubic mesoporous silica KIT-6 composites. Materials Letters, 2015, 147, 54-57.	1.3	21
659	Preparation and characterization of Ni/mZSM-5 zeolite with a hierarchical pore structure by using KIT-6 as silica template: an efficient bi-functional catalyst for the reduction of nitro aromatic compounds. RSC Advances, 2015, 5, 34398-34414.	1.7	44
660	Sorption and electrochemical properties of carbon-silica composites and carbons from 2,3-dihydroxynaphthalene. Journal of Porous Materials, 2015, 22, 21-28.	1.3	2
661	Synthesis, characterization and insights into stable and well organized hexagonal mesoporous zinc-doped alumina as promising metathesis catalysts carrier. Dalton Transactions, 2015, 44, 9823-9838.	1.6	34
662	Synthesis of highly dispersed silver nanoparticles or nano-network modified KIT-6 using supercritical carbon dioxide. Journal of Materials Science, 2015, 50, 855-862.	1.7	15
663	Rapid functionalization of as-synthesized KIT-6 with nickel species occluded with template for adsorptive desulfurization. Microporous and Mesoporous Materials, 2015, 214, 54-63.	2.2	33
664	Highly ordered mesoporous NiCo ₂ O ₄ with superior pseudocapacitance performance for supercapacitors. Journal of Materials Chemistry A, 2015, 3, 11503-11510.	5.2	36
665	Low-temperature selective catalytic reduction of NO with NH ₃ over ordered mesoporous Mn _x Co _{3-x} O ₄ catalyst. Catalysis Communications, 2015, 62, 107-111.	1.6	57
666	Ether-Substituted Group 4 Metallocene Complexes: Cytostatic Effects and Applications in Ethylene Polymerization. Organometallics, 2015, 34, 2522-2532.	1.1	20
667	Mesoporous KIT-6 silica-polydimethylsiloxane (PDMS) mixed matrix membranes for gas separation. Journal of Materials Chemistry A, 2015, 3, 8650-8658.	5.2	56
668	3D ordered mesoporous Fe-KIT-6 catalysts for methylcyclopentane (MCP) conversion and carbon dioxide (CO ₂) hydrogenation for energy and environmental applications. Applied Catalysis A: General, 2015, 504, 672-681.	2.2	51
669	Highly efficient removal of NO with ordered mesoporous manganese oxide at low temperature. RSC Advances, 2015, 5, 29353-29361.	1.7	62
670	Mesostructured zeolites: bridging the gap between zeolites and MCM-41. Chemical Communications, 2015, 51, 8900-8911.	2.2	94
671	Au/MnO ₂ /3DOM SiO ₂ : Highly active catalysts for toluene oxidation. Applied Catalysis A: General, 2015, 507, 139-148.	2.2	37
672	Organosilica-metallic sandwich materials as precursors for palladium and platinum nanoparticle synthesis. RSC Advances, 2015, 5, 77619-77628.	1.7	4
673	MnO ₂ doped CeO ₂ with tailored 3-D channels exhibits excellent performance for NH ₃ -SCR of NO. RSC Advances, 2015, 5, 26231-26235.	1.7	24
674	Immobilization of Cu(II) in KIT-6 supported Co ₃ O ₄ and catalytic performance for epoxidation of styrene. Applied Surface Science, 2015, 359, 609-620.	3.1	45

#	ARTICLE	IF	CITATIONS
675	Mesoporous Silica Supported Au and AuCu Nanoparticles for Surface Plasmon Driven Glycerol Oxidation. <i>Chemistry of Materials</i> , 2015, 27, 7743-7750.	3.2	66
676	Activated carbon from waste biomass as catalyst support: formation of active phase in copper and cobalt catalysts for methanol decomposition. <i>Journal of Porous Materials</i> , 2015, 22, 1127-1136.	1.3	20
677	3-D periodic mesoporous nickel oxide for nonenzymatic uric acid sensors with improved sensitivity. <i>Applied Surface Science</i> , 2015, 359, 221-226.	3.1	16
678	Highly permeable ionic liquid membrane by both facilitated transport and the increase of diffusivity through porous materials. <i>RSC Advances</i> , 2015, 5, 69698-69701.	1.7	10
679	Cobalt pivalate complex as a catalyst for liquid phase oxidation of n-hexane. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 1519-1522.	0.1	1
680	Enhanced visible photoluminescent and structural properties of ZnO/KIT-6 nanoporous materials for white light emitting diode (w-LED) application. <i>Journal of Alloys and Compounds</i> , 2015, 651, 479-482.	2.8	87
681	Colloidal Amphiphile-Templated Growth of Highly Crystalline Mesoporous Nonsiliceous Oxides. <i>Chemistry of Materials</i> , 2015, 27, 6173-6176.	3.2	30
682	Effects of pretreatment temperature on bimetallic Ir-Re catalysts for glycerol hydrogenolysis. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1750-1758.	6.9	20
683	Facile preparation of ordered mesoporous MnCo ₂ O ₄ for low-temperature selective catalytic reduction of NO with NH ₃ . <i>Nanoscale</i> , 2015, 7, 2568-2577.	2.8	109
684	Critical assessment of the base catalysis properties of amino-functionalized mesoporous polymer-SBA-15 nanocomposites. <i>Applied Catalysis A: General</i> , 2015, 504, 493-503.	2.2	30
685	Protected activity of a phytase immobilized in mesoporous silica with benefits to plant phosphorus nutrition. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 55-65.	1.1	22
686	Arsenate removal from aqueous solutions using magnetic mesoporous iron manganese bimetal oxides. <i>RSC Advances</i> , 2015, 5, 4058-4068.	1.7	42
687	Ir-Re alloy as a highly active catalyst for the hydrogenolysis of glycerol to 1,3-propanediol. <i>Catalysis Science and Technology</i> , 2015, 5, 1540-1547.	2.1	71
688	Synthesis of nitrogen-doped carbon with three-dimensional mesostructures for CO ₂ capture. <i>Journal of Materials Science</i> , 2015, 50, 1221-1227.	1.7	19
689	Facile synthesis of high quality multi-walled carbon nanotubes on novel 3D KIT-6: application in high performance dye-sensitized solar cells. <i>Nanoscale</i> , 2015, 7, 679-689.	2.8	9
690	The relationship between the surface oxygen species and the acidic properties of mesoporous metal oxides and their effects on propane oxidation. <i>Catalysis Science and Technology</i> , 2015, 5, 1213-1221.	2.1	13
691	Nanostructured Co ₃ O ₄ as a CO gas sensor: Temperature-dependent behavior. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 133-138.	4.0	128
692	Facile Synthesis of Large-Pore Bicontinuous Cubic Mesoporous Silica Nanoparticles for Intracellular Gene Delivery. <i>ChemNanoMat</i> , 2016, 2, 220-225.	1.5	24

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693	Thermal conversion to form $\text{LiNi}_0.5\text{Mn}_1.5\text{O}_4$: Influence of precursors and supporting carbon template materials. <i>Thermochimica Acta</i> , 2016, 638, 138-150.	1.2	2
694	Mesoporous Tungsten Trioxide Polyaniline Nanocomposite as an Anode Material for High-Performance Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2016, 2, 281-289.	1.5	32
695	No More HF: Teflon-Assisted Ultrafast Removal of Silica to Generate High-Surface-Area Mesostructured Carbon for Enhanced CO_2 Capture and Supercapacitor Performance. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2032-2036.	7.2	88
696	Hard-template synthesis of three-dimensional mesoporous Cu-Ce based catalysts with tunable architectures and their application in the CO catalytic oxidation. <i>RSC Advances</i> , 2016, 6, 64247-64257.	1.7	13
697	Preparation and characterization of nanocomposite materials based on polyamide-6 and modified ordered mesoporous silica KIT-6. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	10
698	Low-temperature selective catalytic reduction of NO with NH_3 over Ni-Mn-Ox catalysts. <i>RSC Advances</i> , 2016, 6, 107270-107277.	1.7	12
699	Catalytic SO_3 Decomposition Activity and Stability of $\text{A}^x\text{VO}/\text{SiO}_2$ (A = Na, K). <i>Tj ETQqO O O rgBT /Overlo Research</i> , 2016, 55, 11681-11688.	1.8	16
701	Chiral nematic mesoporous magnetic ferrites. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11382-11386.	2.7	7
702	New synthetic methodology and magnetic properties of fcc Co-Ni nanostructured alloys embedded in KIT-6 matrix. <i>Journal of Materials Research</i> , 2016, 31, 2430-2437.	1.2	4
703	Hierarchically ordered mesoporous Co_3O_4 materials for high performance Li-ion batteries. <i>Scientific Reports</i> , 2016, 6, 19564.	1.6	79
704	Mesoporous Materials for Fuel Cells. <i>Nanoscience and Technology</i> , 2016, , 313-369.	1.5	3
705	Porous polymer derived ceramics. <i>Materials Science and Engineering Reports</i> , 2016, 106, 1-30.	14.8	167
706	Carbon functionalized mesoporous silica-based gas sensors for indoor volatile organic compounds. <i>Journal of Colloid and Interface Science</i> , 2016, 477, 54-63.	5.0	23
707	Insights into the pore structure of KIT-6 and SBA-15 ordered mesoporous silica - recent advances by combining physical adsorption with mercury porosimetry. <i>New Journal of Chemistry</i> , 2016, 40, 4351-4360.	1.4	44
708	Ordered Mesoporous Metal Carbides with Enhanced Anisole Hydrodeoxygenation Selectivity. <i>ACS Catalysis</i> , 2016, 6, 3506-3514.	5.5	91
709	Functionalization of mesoporous materials for lanthanide and actinide extraction. <i>Dalton Transactions</i> , 2016, 45, 14832-14854.	1.6	126
710	Design, synthesis and catalytic performance of vanadium-incorporated mesoporous silica KIT-6 catalysts for the oxidative dehydrogenation of propane to propylene. <i>Catalysis Science and Technology</i> , 2016, 6, 5927-5941.	2.1	60
711	Influence of support on the performance of copper catalysts for the effective hydrogenation of ethylene carbonate to synthesize ethylene glycol and methanol. <i>RSC Advances</i> , 2016, 6, 45894-45906.	1.7	35

#	ARTICLE	IF	CITATIONS
712	Composite of Li-Rich Mn, Ni and Fe Oxides as Positive Electrode Materials for Li-Ion Battery. Journal of the Electrochemical Society, 2016, 163, A1493-A1502.	1.3	14
713	Nanostructured Organosilica Hybrids as Highly Efficient and Regenerable Sorbents for Rare Earth Extraction. ACS Symposium Series, 2016, , 107-117.	0.5	3
714	Direct hydroxylation of benzene to phenol using H ₂ O ₂ as an oxidant over vanadium-containing nitrogen doped mesoporous carbon catalysts. RSC Advances, 2016, 6, 87656-87664.	1.7	20
715	Rod-like Ordered Mesoporous Carbons with Various Lengths as Anode Materials for Sodium Ion Battery. Electrochimica Acta, 2016, 218, 285-293.	2.6	22
717	Fischer-Tropsch Synthesis on Ordered Mesoporous Cobalt-Based Catalysts with Compact Multichannel Fixed-Bed Reactor Application: A Review. Catalysis Surveys From Asia, 2016, 20, 210-230.	1.0	13
718	Creating hierarchically macro-/mesoporous Sn/CeO ₂ for the selective catalytic reduction of NO with NH ₃ . RSC Advances, 2016, 6, 78727-78736.	1.7	27
719	Pt/Co ₃ O ₄ /3DOM Al ₂ O ₃ : Highly effective catalysts for toluene combustion. Chinese Journal of Catalysis, 2016, 37, 934-946.	6.9	36
720	Highly enhanced electrochemical performance of ultrafine CuO nanoparticles confined in ordered mesoporous carbons as anode materials for sodium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 14222-14233.	5.2	58
721	Highly mesoporous CsTaWO ₆ via hard-templating for photocatalytic hydrogen production. RSC Advances, 2016, 6, 79037-79042.	1.7	6
722	Fabrication of Cu-Doped CeO ₂ Catalysts with Different Dimension Pore Structures for CO Catalytic Oxidation. Catalysis Surveys From Asia, 2016, 20, 231-240.	1.0	12
723	Structure of Ice in Confinement: Water in Mesoporous Carbons. Journal of Chemical & Engineering Data, 2016, 61, 4252-4260.	1.0	24
724	Proton Conduction in Sulfonated Organic-Inorganic Hybrid Monoliths with Hierarchical Pore Structure. ACS Applied Materials & Interfaces, 2016, 8, 25476-25488.	4.0	12
725	Mesoporous Silica Catalyzed the Direct Amidation of Palmitic Acid and Hexylamine and Unique Dependence of Reaction Rate on Pore Size with <i>p</i> 6 <i>mm</i> Topological Catalyst. Chemistry Letters, 2016, 45, 451-453.	0.7	3
726	Vacuum-assisted hard-templating impregnation fabrication of three-dimensional ordered mesoporous samarium oxide. Journal of Porous Materials, 2016, 23, 1591-1595.	1.3	3
727	Polyethylenimine Functionalized As-Synthesized KIT-6 Adsorbent for Highly CO ₂ /N ₂ Selective Separation. Energy & Fuels, 2016, 30, 9635-9644.	2.5	43
728	Cubic mesoporous Ag@CN: a high performance humidity sensor. Nanoscale, 2016, 8, 19794-19803.	2.8	109
729	Mesoporous cobalto-cobaltic oxide modified glassy carbon electrode for simultaneous detection of hydroquinone and catechol. Journal of Electroanalytical Chemistry, 2016, 782, 225-232.	1.9	38
730	Activated Ag ions and enhanced gas transport by incorporation of KIT-6 for facilitated olefin transport membranes. Journal of Membrane Science, 2016, 513, 95-100.	4.1	18

#	ARTICLE	IF	CITATIONS
731	Study on preparation of microwave absorbing MnOx/Al ₂ O ₃ adsorbent and degradation of adsorbed glyphosate in MW+UV system. Chemical Engineering Journal, 2016, 298, 68-74.	6.6	22
732	Controlled pore size of 3D mesoporous Cu-Ce based catalysts and influence of surface textures on the CO catalytic oxidation. Microporous and Mesoporous Materials, 2016, 231, 9-20.	2.2	23
733	Preparation of platinum nanoparticles immobilized on ordered mesoporous Co ₃ O ₄ @CeO ₂ composites and their enhanced catalytic activity. RSC Advances, 2016, 6, 67173-67183.	1.7	15
734	No More HF: Teflon-Assisted Ultrafast Removal of Silica to Generate High-Surface-Area Mesostructured Carbon for Enhanced CO ₂ Capture and Supercapacitor Performance. Angewandte Chemie, 2016, 128, 2072-2076.	1.6	5
735	Synthesis of Xylylene-Bridged Periodic Mesoporous Organosilicas and Related Hollow Spherical Nanoparticles. Langmuir, 2016, 32, 900-908.	1.6	18
736	Preparation and catalytic performance of Ag, Au, Pd or Pt nanoparticles supported on 3DOM CeO ₂ @Al ₂ O ₃ for toluene oxidation. Journal of Molecular Catalysis A, 2016, 414, 9-18.	4.8	83
737	Assessment of the density of (meso)porous materials from standard volumetric physisorption data. Microporous and Mesoporous Materials, 2016, 223, 53-57.	2.2	16
738	Water gas shift reaction on the Mn-modified ordered mesoporous Co ₃ O ₄ . Microporous and Mesoporous Materials, 2016, 221, 204-211.	2.2	29
739	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. Biomaterials Science, 2016, 4, 448-459.	2.6	107
740	Effect of porous structure on the formation of active sites in manganese hosted in ordered mesoporous silica catalysts for environmental protection. Journal of Porous Materials, 2016, 23, 1005-1013.	1.3	11
741	Fabrication of ordered mesoporous MoO ₃ for olefin catalytic hydrogenation. International Journal of Hydrogen Energy, 2016, 41, 5652-5660.	3.8	20
742	Sulfated niobia supported on KIT-6 as a catalyst for transesterification of groundnut oil. Journal of Porous Materials, 2016, 23, 639-646.	1.3	9
743	High Efficiency CeCu Composite Oxide Catalysts Improved via Preparation Methods for Propyl Acetate Catalytic Combustion in Air. International Journal of Chemical Reactor Engineering, 2016, 14, 757-768.	0.6	15
744	Distribution of Sulfur in Carbon/Sulfur Nanocomposites Analyzed by Small-Angle X-ray Scattering. Langmuir, 2016, 32, 2780-2786.	1.6	36
745	The catalytic conversion of fructose into 5-hydroxymethylfurfural over acid-functionalized KIT-6, an ordered mesoporous silica. Chemical Engineering Journal, 2016, 294, 380-388.	6.6	82
746	Support interactive synthesis of nanostructured MoS ₂ electrocatalyst for oxygen reduction reaction. Materials Letters, 2016, 164, 417-420.	1.3	32
747	Ordered Mesoporous Crystalline Mo-Doped WO ₂ Materials with High Tap Density as Anode Material for Lithium Ion Batteries. Chemistry of Materials, 2016, 28, 608-617.	3.2	35
748	Mesoporous Cr ₂ O ₃ -supported Au@Pd nanoparticles: High-performance catalysts for the oxidation of toluene. Microporous and Mesoporous Materials, 2016, 224, 311-322.	2.2	70

#	ARTICLE	IF	CITATIONS
749	A smart processing of silicon oxynitride ceramic powders with variable morphology controlled by hard template assistance. <i>Advanced Powder Technology</i> , 2016, 27, 854-859.	2.0	4
750	SiO ₂ –carbon nanocomposite anodes with a 3D interconnected network and porous structure from bamboo leaves. <i>RSC Advances</i> , 2016, 6, 1930-1937.	1.7	25
751	Hierarchically porous Li _{1.2} Mn _{0.6} Ni _{0.2} O ₂ as a high capacity and high rate capability positive electrode material. <i>New Journal of Chemistry</i> , 2016, 40, 1312-1322.	1.4	11
752	SBA and KIT-6 Mesoporous Silica Magnetite Nanoparticles: Synthesis and Characterization. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 759-765.	0.6	27
753	Combining scanning electron microscopy and fast Fourier transform for characterizing mesopore and defect structures in mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2016, 220, 163-167.	2.2	9
754	Crystalline ordered mesoporous Cu _{0.25} Co _{2.75} O ₄ prepared with selected mesoporous silica templates and their performances as DeN ₂ O catalysts. <i>Microporous and Mesoporous Materials</i> , 2016, 221, 91-100.	2.2	6
755	Three-dimensional ordered mesoporous Co ₃ O ₄ enhanced by Pd for oxygen evolution reaction. <i>Scientific Reports</i> , 2017, 7, 41542.	1.6	48
756	Cubic mesoporous carbon nitride polymers with large cage-type pores for visible light photocatalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16179-16188.	5.2	43
757	Liquid crystal templating of nanomaterials with nature's toolbox. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 29, 9-20.	3.4	40
758	Immobilization of N-Heterocyclic Carbene Compounds: A Synthetic Perspective. <i>Chemical Reviews</i> , 2017, 117, 1970-2058.	23.0	212
759	Monodisperse mesoporous silica nanoparticles of distinct topology. <i>Journal of Colloid and Interface Science</i> , 2017, 495, 84-93.	5.0	27
760	Ordered mesoporous materials for lithium-ion batteries. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 355-369.	2.2	54
761	Visible-Light Driven Photocatalytic Degradation of Organic Dyes over Ordered Mesoporous Cd _x Zn _{1-x} S Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5137-5144.	1.5	65
762	Functionalization of Mesoporous Carbon Materials for Selective Separation of Lanthanides under Acidic Conditions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12003-12012.	4.0	63
763	Catalytic performance enhancement by alloying Pd with Pt on ordered mesoporous manganese oxide for methane combustion. <i>Chinese Journal of Catalysis</i> , 2017, 38, 92-105.	6.9	33
764	Interconnected Porous Carbon: Unique Versatile Matrix for the Growth of Nanostructured Polyaniline and Its Enhanced Performance towards Electrochemical Energy Storage. <i>ChemistrySelect</i> , 2017, 2, 2197-2204.	0.7	2
765	Effects of spatially restricted Ni nanocrystals within ordered mesopores on the production of syngas. <i>Chemical Engineering Journal</i> , 2017, 316, 1011-1025.	6.6	7
766	HNTs-templated preparation of carbon nanorods by nanocasting method. <i>Micro and Nano Letters</i> , 2017, 12, 236-238.	0.6	1

#	ARTICLE	IF	CITATIONS
767	Mesoporous Co ₃ O ₄ supported Pt catalysts for low-temperature oxidation of acetylene. RSC Advances, 2017, 7, 18592-18600.	1.7	13
768	Ce-Co catalyst with high surface area and uniform mesoporous channels prepared by template method for HgO oxidation. Catalysis Communications, 2017, 98, 5-8.	1.6	11
769	Nanoengineering of aggregation-free and thermally-stable gold nanoparticles in mesoporous frameworks. Nanoscale, 2017, 9, 6380-6390.	2.8	24
770	Immobilisation on mesoporous silica and solvent rinsing improve the transesterification abilities of feruloyl esterases from Myceliophthora thermophila. Bioresource Technology, 2017, 239, 57-65.	4.8	21
771	Linking Silica Support Morphology to the Dynamics of Aminopolymers in Composites. Langmuir, 2017, 33, 5412-5422.	1.6	11
772	Efficient mesoporous SO ₄ ²⁻ /Zr-KIT-6 solid acid catalyst for green diesel production from esterification of oleic acid. Fuel, 2017, 203, 488-500.	3.4	67
773	Organoindium-modified monodisperse ellipsoid-/platelet-like periodic mesoporous silicas. Dalton Transactions, 2017, 46, 7495-7505.	1.6	2
774	Ordered Large-Pore Mesoporous Cr ₂ O ₃ with Ultrathin Framework for Formaldehyde Sensing. ACS Applied Materials & Interfaces, 2017, 9, 18170-18177.	4.0	47
775	Silica Nanotubes with Widely Adjustable Inner Diameter and Ordered Silicas with Ultralarge Cylindrical Mesopores Templated by Swollen Micelles of Mixed Pluronic Triblock Copolymers. Chemistry of Materials, 2017, 29, 4675-4681.	3.2	20
776	V- and Nb-containing tungsten bronzes catalysts for the aerobic transformation of ethanol and glycerol. Bulk and supported materials. Catalysis Today, 2017, 296, 2-9.	2.2	15
777	Evaluation of the catalytic surface of Ni impregnated meso-microporous silica KIT-6 in CH ₄ dry reforming by inverse gas chromatography. Microporous and Mesoporous Materials, 2017, 243, 301-310.	2.2	24
778	Hydrocracking of low-temperature coal tar over NiMo/Beta-KIT-6 catalyst to produce gasoline oil. Fuel Processing Technology, 2017, 165, 62-71.	3.7	25
779	Investigation of Free-Standing Plasmonic Mesoporous Ag/CMK-8-Nafion Composite Membrane for the Removal of Organic Pollutants with 254-nm UV Irradiation. Nanoscale Research Letters, 2017, 12, 362.	3.1	4
780	Synthesis of three-dimensional ordered mesoporous MnO _x /CeO ₂ bimetal oxides for the catalytic combustion of chlorobenzene. RSC Advances, 2017, 7, 26952-26959.	1.7	23
781	Three-dimensional interpenetrating mesoporous carbon confining SnO ₂ particles for superior sodiation/desodiation properties. Nanoscale, 2017, 9, 8674-8683.	2.8	33
782	Bridging the reaction route of toluene total oxidation and the structure of ordered mesoporous Co ₃ O ₄ : The roles of surface sodium and adsorbed oxygen. Catalysis Today, 2017, 297, 173-181.	2.2	54
783	Pore geometry effect on the synthesis of silica supported perovskite oxides. Journal of Colloid and Interface Science, 2017, 504, 346-355.	5.0	6
784	Effect of La, Mg and Mo additives on dispersion and thermostability of Ni species on KIT-6 for CO methanation. Applied Catalysis A: General, 2017, 543, 125-132.	2.2	18

#	ARTICLE	IF	CITATIONS
785	Low Temperature Oligomerization of Ethylene over Ni/Al-KIT-6 Catalysts. <i>Catalysis Letters</i> , 2017, 147, 1303-1314.	1.4	17
786	Facile synthesis of Ag/KIT-6 catalyst via a simple one pot method and application in the CO oxidation. <i>Journal of Porous Materials</i> , 2017, 24, 1661-1665.	1.3	31
787	One-pot synthesis of ordered mesoporous Cu-KIT-6 and its improved catalytic behavior for the epoxidation of styrene: Effects of the pH value of the initial gel. <i>Chinese Journal of Catalysis</i> , 2017, 38, 518-528.	6.9	30
788	Preparation, characterization, and catalytic performances of cobalt catalysts supported on KIT-6 silicas in oxidative desulfurization of dibenzothiophene. <i>Fuel</i> , 2017, 200, 11-21.	3.4	99
789	Role of surface oxygen species of mesoporous CeCu oxide catalyst in OVOCs catalytic combustion. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2068-2076.	3.3	25
790	Three dimensionally ordered mesoporous hydroxylated Ni _x Co _{3x} O ₄ spinels for the oxygen evolution reaction: on the hydroxyl-induced surface restructuring effect. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7173-7183.	5.2	52
791	Nanoconfined Ionic Liquids. <i>Chemical Reviews</i> , 2017, 117, 6755-6833.	23.0	499
792	Tailored mesoporous silica supports for Ni catalysed hydrogen production from ethanol steam reforming. <i>Catalysis Communications</i> , 2017, 91, 76-79.	1.6	51
793	Immobilization of Alcohol Dehydrogenase from <i>E. coli</i> onto Mesoporous Silica for Application as a Cofactor Recycling System. <i>ChemCatChem</i> , 2017, 9, 1197-1210.	1.8	10
794	Designing ordered mesoporous aluminosilicates under acidic conditions via an intrinsic hydrolysis method. <i>Dalton Transactions</i> , 2017, 46, 770-779.	1.6	12
795	Solid amine sorbents for CO ₂ capture by chemical adsorption: A review. <i>Petroleum</i> , 2017, 3, 37-50.	1.3	201
797	Composites ZSM-5/KIT-6 Synthesized Via Assembly Modification Procedure and Mechanical Grinding Procedure, Respectively, and Their Application to CO ₂ Adsorption. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	7
798	Selectively Tuned Pore Condensation and Hysteresis Behavior in Mesoporous SBA-15 Silica: Correlating Material Synthesis to Advanced Gas Adsorption Analysis. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24505-24526.	1.5	50
799	Highly Efficient and Selective Recovery of Rare Earth Elements Using Mesoporous Silica Functionalized by Preorganized Chelating Ligands. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38584-38593.	4.0	72
800	Mesoporous Pd Pt alloys: High-performance catalysts for methane combustion. <i>Molecular Catalysis</i> , 2017, 442, 191-201.	1.0	18
801	Fabrication of a mesoporous Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ perovskite as a low-cost and efficient catalyst for oxygen reduction. <i>Dalton Transactions</i> , 2017, 46, 13903-13911.	1.6	18
802	Methylation of Volatile Fatty Acids with Ordered Mesoporous Carbon and Carbon Nanotube for Renewable Energy Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7433-7438.	3.2	23
803	Near-Room-Temperature Ethanol Detection Using Ag-Loaded Mesoporous Carbon Nitrides. <i>ACS Omega</i> , 2017, 2, 3658-3668.	1.6	75

#	ARTICLE	IF	CITATIONS
804	Diffusion NMR Characterization of Catalytic Silica Supports: A Tortuous Path. <i>Journal of Physical Chemistry C</i> , 2017, 121, 16250-16256.	1.5	33
805	Modifying surface properties of KIT-6 zeolite with Ni and V for enhancing catalytic CO methanation. <i>Applied Surface Science</i> , 2017, 426, 40-49.	3.1	33
806	Deactivation of SiO ₂ supported Ni catalysts by structural change in the direct internal reforming reaction of molten carbonate fuel cell. <i>Catalysis Communications</i> , 2017, 101, 44-47.	1.6	7
807	Mesoporous silica materials: From physico-chemical properties to enhanced dissolution of poorly water-soluble drugs. <i>Journal of Controlled Release</i> , 2017, 262, 329-347.	4.8	202
808	Ordered Mesoporous NiCo ₂ O ₄ Nanospheres as a Novel Electrocatalyst Platform for 1-Naphthol and 2-Naphthol Individual Sensing Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29771-29781.	4.0	39
809	Surface-Casting Synthesis of Mesoporous Zirconia with a CMK-5 Like Structure and High Surface Area. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11222-11225.	7.2	44
810	Selective oxidation of toluene to benzaldehyde by H ₂ O ₂ with mesoporous silica KIT-6 supported VOHPO ₄ 0.5H ₂ O catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3529-3539.	3.3	22
811	Highly dispersed Ni nanoparticles on 3D-mesoporous KIT-6 for CO methanation: Effect of promoter species on catalytic performance. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1127-1137.	6.9	22
812	Facile synthesis of mesoporous carbon from furfuryl alcohol-butanol system by EISA process for supercapacitors with enhanced rate capability. <i>Journal of Alloys and Compounds</i> , 2017, 723, 488-497.	2.8	20
813	3D porous nanostructured platinum prepared using atomic layer deposition. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19007-19016.	5.2	10
814	Studies on dehydrogenation of cyclohexanol to cyclohexanone over mesoporous SiO_2 supported copper catalysts. <i>Journal of Chemical Sciences</i> , 2017, 129, 601-608.	0.7	15
815	Iron-Induced Activation of Ordered Mesoporous Nickel Cobalt Oxide Electrocatalyst for the Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21225-21233.	4.0	96
816	Surface-Casting Synthesis of Mesoporous Zirconia with a CMK-5 Like Structure and High Surface Area. <i>Angewandte Chemie</i> , 2017, 129, 11374-11377.	1.6	10
817	Enhanced CO methanation over Ni-based catalyst using a support with 3D-mesopores. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2374-2382.	1.2	8
818	Rapid acetone detection using indium loaded WO ₃ /SnO ₂ nanohybrid sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 703-713.	4.0	112
819	Synergistic Effect of Mo-Fe Bimetal Oxides Promoting Catalytic Conversion of Glycerol to Allyl Alcohol. <i>Catalysis Letters</i> , 2017, 147, 2187-2199.	1.4	25
820	Nanomanufacturing for Aerospace Applications. <i>Indian Institute of Metals Series</i> , 2017, , 85-101.	0.2	5
821	Facile fabrication of ordered mesoporous graphitic carbon nitride for RhB photocatalytic degradation. <i>Applied Surface Science</i> , 2017, 396, 78-84.	3.1	57

#	ARTICLE	IF	CITATIONS
822	Ordered mesoporous MCo ₂ O ₄ (M = Cu, Zn and Ni) spinel catalysts with high catalytic performance for methane combustion. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 68-74.	4.8	44
823	Nitrogen-doped cobalt nanoparticles/nitrogen-doped plate-like ordered mesoporous carbons composites as noble-metal free electrocatalysts for oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2017, 26, 63-71.	7.1	34
824	Synthesis and application of amine functionalized silica mesoporous magnetite nanoparticles for removal of chromium(VI) from aqueous solutions. <i>Journal of Porous Materials</i> , 2017, 24, 129-139.	1.3	38
825	Protocol for the Nanocasting Method: Preparation of Ordered Mesoporous Metal Oxides. <i>Chemistry of Materials</i> , 2017, 29, 40-52.	3.2	208
826	A sintering and carbon-resistant Ni-SBA-15 catalyst prepared by solid-state grinding method for dry reforming of methane. <i>Journal of CO₂ Utilization</i> , 2017, 17, 10-19.	3.3	117
827	General Synthesis of N-Doped Macroporous Graphene-Encapsulated Mesoporous Metal Oxides and Their Application as New Anode Materials for Sodium-Ion Hybrid Supercapacitors. <i>Advanced Functional Materials</i> , 2017, 27, 1603921.	7.8	118
828	Alkoxylation of α , β -unsaturated aldehydes on gold supported on mesoporous anatase. <i>Microporous and Mesoporous Materials</i> , 2017, 237, 12-22.	2.2	3
829	Synthesis of tetragonal zirconia in mesoporous silica and its catalytic properties for methanol oxidative decomposition. <i>RSC Advances</i> , 2017, 7, 55819-55829.	1.7	14
830	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. <i>Inorganics</i> , 2017, 5, 32.	1.2	68
831	Controllable and Large-Scale Synthesis of Carbon Nanostructures: A Review on Bamboo-Like Nanotubes. <i>Catalysts</i> , 2017, 7, 256.	1.6	47
832	Self-Assembly for Mesoporous Carbon. , 2017, , 75-87.		0
833	Ordered Mesoporous/Nanoporous Inorganic Materials via Self-Assembly. , 2017, , 157-192.		3
834	Modulation of electronic and magnetic properties in InSe nanoribbons: edge effect. <i>Nanotechnology</i> , 2018, 29, 205708.	1.3	15
835	Detection of Lead Using a Sensitive Anodic Stripping Voltammetric Method Based on Composite Mesoporous Silica/Bismuth Oxochloride Modified Electrode. <i>ChemistrySelect</i> , 2018, 3, 2423-2429.	0.7	7
836	Preparation, characterisation, drug loading and release properties of a novel KIT-6/poly(AA-EGDMA) nanocomposite. <i>Micro and Nano Letters</i> , 2018, 13, 213-218.	0.6	2
837	Synthesis and radiometric evaluation of diglycolamide functionalized mesoporous silica for the chromatographic separation of actinides Th, Pa and U. <i>Dalton Transactions</i> , 2018, 47, 5189-5195.	1.6	19
838	Effects of TETA or TEPA Loading on CO ₂ Adsorption Properties Using Pore-Expanded KIT-6 as Support. <i>Nano</i> , 2018, 13, 1850042.	0.5	6
839	Pore structure of mesoporous silica (KIT-6) synthesized at different temperatures using positron as a nondestructive probe. <i>Applied Surface Science</i> , 2018, 450, 31-37.	3.1	40

#	ARTICLE	IF	CITATIONS
840	Impact of Textural Properties of Mesoporous Porphyrinic Carbon Electrocatalysts on Oxygen Reduction Reaction Activity. <i>ChemElectroChem</i> , 2018, 5, 1928-1936.	1.7	25
841	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous Fe_2O_3 with Ultrahigh Sensitivity and Fast Response. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13702-13711.	4.0	87
842	Humidity sensing behavior of tin-loaded 3-D cubic mesoporous silica. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 101, 284-293.	1.3	21
843	Cu Species Incorporated into Amorphous ZrO_2 with High Activity and Selectivity in CO_2 -to-Methanol Hydrogenation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5430-5442.	1.5	83
844	Composite smart mesoporous silica nanoparticles as promising therapeutic and diagnostic candidates: Recent trends and applications. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 349-365.	1.4	47
846	Ordered mesoporous NiFe_2O_4 with ultrathin framework for low-ppb toluene sensing. <i>Science Bulletin</i> , 2018, 63, 187-193.	4.3	26
847	CO_2 hydrogenation to methane over Co/KIT-6 catalysts: Effect of Co content. <i>Fuel</i> , 2018, 217, 570-576.	3.4	60
848	A Novel and Versatile Grafting Procedure: Toward the Highest Possible Sulfonation Degree of Mesoporous Silica. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700170.	2.7	8
849	Nanostructural Uniformity of Ordered Mesoporous Materials: Governing Lithium Storage Behaviors. <i>Small</i> , 2018, 14, e1702985.	5.2	17
850	A nanoporous carbon material coated onto steel wires for solid-phase microextraction of chlorobenzenes prior to their quantitation by gas chromatography. <i>Mikrochimica Acta</i> , 2018, 185, 56.	2.5	25
851	NMR cryoporometric measurements of porous silica: A method for the determination of melting point depression parameters of probe liquids. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 265-271.	2.2	14
852	KIT-6-anchored sulfonic acid groups as a heterogeneous solid acid catalyst for the synthesis of aryl tetrazoles. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 831-838.	1.2	13
853	Activated carbon from Bulgarian peach stones as a support of catalysts for methanol decomposition. <i>Biomass and Bioenergy</i> , 2018, 109, 135-146.	2.9	34
854	Tuning the oxygen reduction reactivity of interconnected porous carbon by incorporation of phosphorus and activity enhancement through blending with 2D metal dichalcogenides materials. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4738-4745.	3.8	5
855	Ordered mesoporous WO_3 : selective reduction synthesis, exceptional localized surface plasmon resonance and enhanced hydrogen evolution reaction activity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2249-2256.	5.2	76
856	A highly ordered chiral inorganic mesoporous material used as stationary phase for high-resolution gas chromatographic separations. <i>Journal of Chromatography A</i> , 2018, 1557, 99-106.	1.8	22
857	Cubic mesoporous Pd@ WO_3 loaded graphitic carbon nitride (g-CN) nanohybrids: highly sensitive and temperature dependent VOC sensors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10718-10730.	5.2	145
858	Stability of Molten-Phase Cs@O Catalysts for SO_3 Decomposition in Solar Thermochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2018, 1, 2041-2047.	2.5	9

#	ARTICLE	IF	CITATIONS
859	One-pot synthesis of 5-hydroxymethylfurfural from glucose over zirconium doped mesoporous KIT-6. Chinese Journal of Chemical Engineering, 2018, 26, 1270-1277.	1.7	19
860	On the nanopore confinement of therapeutic drugs into mesoporous silica materials and its implications. Microporous and Mesoporous Materials, 2018, 270, 109-119.	2.2	50
861	Tailoring of ordered mesoporous silica COK-12: Room temperature synthesis of mesocellular foam and multilamellar vesicles. Microporous and Mesoporous Materials, 2018, 267, 142-149.	2.2	22
862	Essential role of organic additives in preparation of efficient Ni/KIT-6 catalysts for CO methanation. Applied Catalysis A: General, 2018, 558, 99-108.	2.2	20
863	Mesoporous Cu-SBA-15 with highly ordered porous structure and its excellent CO ₂ adsorption capacity. Microporous and Mesoporous Materials, 2018, 267, 134-141.	2.2	40
864	Selective Production of Propylene and 1-Butene from Ethylene by Catalytic Cascade Reactions. ACS Catalysis, 2018, 8, 3636-3640.	5.5	19
865	Immobilization of laccase on modified Fe ₃ O ₄ @SiO ₂ @KIT-6 magnetite nanoparticles for enhanced delignification of olive pomace bio-waste. International Journal of Biological Macromolecules, 2018, 114, 106-113.	3.6	65
866	Mesoporous La _{0.6} Ca _{0.4} CoO ₃ perovskites with large surface areas as stable air electrodes for rechargeable Zn-air batteries. Journal of Materials Chemistry A, 2018, 6, 7686-7692.	5.2	26
867	Highly efficient mesoporous WO _x /KIT-6 catalysts for oxidative desulfurization of dibenzothiophene with hydrogen peroxide. Research on Chemical Intermediates, 2018, 44, 3687-3695.	1.3	6
868	Improved electrochemical performance of ordered mesoporous carbon by incorporating macropores for Li-O ₂ battery cathode. Carbon, 2018, 133, 118-126.	5.4	17
869	Ni based catalyst supported on KIT-6 silica for CO methanation: Confinement effect of three dimensional channel on NiO and Ni particles. Microporous and Mesoporous Materials, 2018, 262, 89-97.	2.2	35
870	Controlled pore size of Pt/KIT-6 used for propane total oxidation. Rare Metals, 2018, 37, 123-128.	3.6	11
871	Study of cobalt molybdenum oxide supported on mesoporous silica for liquid phase cyclohexane oxidation. Catalysis Today, 2018, 310, 116-129.	2.2	25
872	Porous carbon monoliths with pore sizes adjustable between 10 nm and 2.14 μm prepared by phase separation – New insights in the relation between synthesis composition and resulting structure. Microporous and Mesoporous Materials, 2018, 255, 271-280.	2.2	16
873	Photocatalytic CO ₂ conversion on highly ordered mesoporous materials: Comparisons of metal oxides and compound semiconductors. Applied Catalysis B: Environmental, 2018, 224, 594-601.	10.8	61
874	A low temperature, highly sensitive and fast response toluene gas sensor based on In(III)-SnO ₂ loaded cubic mesoporous graphitic carbon nitride. Sensors and Actuators B: Chemical, 2018, 255, 3564-3575.	4.0	85
875	Ru/hierarchical HZSM-5 zeolite as efficient bi-functional adsorbent/catalyst for bulky aromatic VOCs elimination. Microporous and Mesoporous Materials, 2018, 258, 17-25.	2.2	85
876	Synthesis of high-energy-density fuel over mesoporous aluminosilicate catalysts. Catalysis Today, 2018, 303, 71-76.	2.2	13

#	ARTICLE	IF	CITATIONS
877	Studies on toluene adsorption performance and hydrophobic property in phenyl functionalized KIT-6. <i>Chemical Engineering Journal</i> , 2018, 334, 191-197.	6.6	56
878	Evolution of active sites and catalytic consequences of mesoporous MCM-41 supported copper catalysts for the hydrogenation of ethylene carbonate. <i>Chemical Engineering Journal</i> , 2018, 334, 1943-1953.	6.6	51
879	One-pot synthesis to engineer a Co-KIT-6 catalyst for the ring opening of methylcyclopentane. <i>Comptes Rendus Chimie</i> , 2018, 21, 419-426.	0.2	1
880	Selective Separation and Preconcentration of Scandium with Mesoporous Silica. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 448-457.	4.0	59
881	Transition metals cobaltites spinel for depollution of NO _x emissions using SCR technology. <i>Canadian Journal of Chemical Engineering</i> , 2018, 96, 1345-1351.	0.9	3
882	Study of catalytic hydrodeoxygenation performance for the Ni/KIT-6 catalysts. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 614-627.	2.4	22
883	In ₂ O ₃ -decorated ordered mesoporous NiO for enhanced NO ₂ sensing at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2645-2653.	1.1	25
884	Batch and continuous synthesis upscaling of powder and monolithic ordered mesoporous silica COK-12. <i>Microporous and Mesoporous Materials</i> , 2018, 256, 102-110.	2.2	17
885	Synthesis and applications of ordered and disordered mesoporous zeolites: Present and future prospective. <i>Catalysis Today</i> , 2018, 309, 172-188.	2.2	61
886	Nanostructured Titanium Dioxide for Functional Coatings. , 0, , .		1
887	Effects of alumina on GO and KIT-6 supports for the acetylation of glycerol. <i>New Journal of Chemistry</i> , 2018, 42, 18942-18950.	1.4	2
888	Mesoporous superacid catalysts for valorisation of refinery naphtha stream. <i>RSC Advances</i> , 2018, 8, 33702-33709.	1.7	9
889	AuRu/meso-Mn ₂ O ₃ : A Highly Active and Stable Catalyst for Methane Combustion. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 359, 012022.	0.3	1
890	Ordered Mesoporous C ₃ N ₅ with a Combined Triazole and Triazine Framework and Its Graphene Hybrids for the Oxygen Reduction Reaction (ORR). <i>Angewandte Chemie</i> , 2018, 130, 17381-17386.	1.6	64
891	Molybdenum-Incorporated Mesoporous Silica: Surface Engineering toward Enhanced Metal-Support Interactions and Efficient Hydrogenation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42475-42483.	4.0	17
892	KIT-6 Three Dimensional Template Derived Mesoporous Carbon for Oxygen Reduction Reaction: Effect of Template Removal on Catalytic Activity. <i>ChemistrySelect</i> , 2018, 3, 11864-11874.	0.7	9
893	Ordered Mesoporous C ₃ N ₅ with a Combined Triazole and Triazine Framework and Its Graphene Hybrids for the Oxygen Reduction Reaction (ORR). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17135-17140.	7.2	155
894	Hydrogen Sorption Characteristics of Ordered Mesoporous Carbons: Experimental and Modeling View Point. <i>Journal of Chemical & Engineering Data</i> , 2018, , .	1.0	4

#	ARTICLE	IF	CITATIONS
895	Carbon dioxide reforming of methane to syngas over ordered mesoporous Ni/KIT-6 catalysts. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20488-20499.	3.8	35
896	A Water-Soluble NaCMC/NaPAA Binder for Exceptional Improvement of Sodium-Ion Batteries with an SnO ₂ -Ordered Mesoporous Carbon Anode. <i>ChemSusChem</i> , 2018, 11, 3923-3931.	3.6	34
897	Selective Extraction of Thorium from Rare Earth Elements Using Wrinkled Mesoporous Carbon. <i>Journal of the American Chemical Society</i> , 2018, 140, 14735-14739.	6.6	70
898	Mesoporous silica mediated synthesis of γ -Fe ₂ O ₃ porous structures and their application as humidity sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20506-20516.	1.1	13
899	Spray-Dried Mesoporous Mixed Cu-Ni Oxide@Graphene Nanocomposite Microspheres for High Power and Durable Li-Ion Battery Anodes. <i>Advanced Energy Materials</i> , 2018, 8, 1802438.	10.2	70
900	Au-TiO ₂ -Loaded Cubic g-C ₃ N ₄ Nanohybrids for Photocatalytic and Volatile Organic Amine Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34087-34097.	4.0	132
901	Effective conversion of acid pretreated pulp to ethylene glycol over ordered mesoporous WO ₃ catalyst. <i>Industrial Crops and Products</i> , 2018, 124, 863-869.	2.5	7
902	Recent Advances in the Separation of Rare Earth Elements Using Mesoporous Hybrid Materials. <i>Chemical Record</i> , 2018, 18, 1261-1276.	2.9	73
903	Hindered Diffusion in Ordered Mesoporous Silicas: Insights from Pore-Scale Simulations in Physical Reconstructions of SBA-15 and KIT-6 Silica. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12350-12361.	1.5	56
904	CO ₂ hydrogenation to methane over mesoporous Co/SiO ₂ catalysts: Effect of structure. <i>Journal of CO₂ Utilization</i> , 2018, 26, 221-229.	3.3	72
905	Excellent catalytic performance of 3D-mesoporous KIT-6 supported Cu and Ce nanoparticles in methanol steam reforming. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 10926-10937.	3.8	54
906	Mesoporous Silica-Supported Manganese Oxides for Complete Oxidation of Volatile Organic Compounds: Influence of Mesostructure, Redox Properties, and Hydrocarbon Dimension. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7374-7382.	1.8	12
907	Infiltrated mesoporous oxygen electrodes for high temperature co-electrolysis of H ₂ O and CO ₂ in solid oxide electrolysis cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9699-9707.	5.2	29
908	EDTA-functionalized KCC-1 and KIT-6 mesoporous silicas for Nd ³⁺ ion recovery from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 210-218.	2.9	143
909	Engineering surface functional groups on mesoporous silica: towards a humidity-resistant hydrophobic adsorbent. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13769-13777.	5.2	39
910	Non-enzymatic electrochemical hydrogen peroxide detection using MoS ₂ - Interconnected porous carbon heterostructure. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 429-436.	1.9	17
911	Boosting the electrocatalytic performance of Pt, Pd and Au embedded within mesoporous cobalt oxide for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 14252-14264.	3.8	19
912	Cs-tungstosilicic acid/Zr-KIT-6 for esterification of oleic acid and transesterification of non-edible oils for green diesel production. <i>Fuel</i> , 2018, 234, 824-835.	3.4	52

#	ARTICLE	IF	CITATIONS
913	Effects of ordered mesoporous bimodal structures of Fe/KIT-6 for CO hydrogenation activity to hydrocarbons. <i>Chemical Engineering Journal</i> , 2018, 354, 197-207.	6.6	19
914	Nanoscale self-assembly of thermoelectric materials: a review of chemistry-based approaches. <i>Nanotechnology</i> , 2018, 29, 432001.	1.3	50
915	Polymer-Derived Ceramics with engineered mesoporosity: From design to application in catalysis. <i>Surface and Coatings Technology</i> , 2018, 350, 569-586.	2.2	53
916	Synthesis of N-doped mesoporous TiO ₂ by facile one-step solvothermal process for visible light photocatalytic degradation of organic pollutant. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5125-5134.	3.3	29
917	Influence of Synthesis Parameters in Obtaining KIT-6 Mesoporous Material. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 725.	1.3	19
918	Metal-Incorporated Mesoporous Silicates: Tunable Catalytic Properties and Applications. <i>Molecules</i> , 2018, 23, 263.	1.7	16
920	Enhancement of the interfacial reaction on mesoporous RuO ₂ for next generation Li batteries. <i>Journal of Power Sources</i> , 2018, 396, 749-753.	4.0	18
921	Size regulation and dispersion of ceria using confined spaces for adsorptive desulfurization. <i>Chemical Engineering Journal</i> , 2018, 348, 319-326.	6.6	38
922	Synthesis of ZSM-5/KIT-6 with a tunable pore structure and its catalytic application in the hydrodesulfurization of dibenzothiophene and diesel oil. <i>RSC Advances</i> , 2018, 8, 28879-28890.	1.7	15
923	A vesicle-aggregation-assembly approach to highly ordered mesoporous γ -alumina microspheres with shifted double-diamond networks. <i>Chemical Science</i> , 2018, 9, 7705-7714.	3.7	20
924	CO ₂ adsorption properties of mixed-amine functionalized mesoporous molecular sieve KIT-6. <i>Materials Research Express</i> , 2018, 5, 065520.	0.8	7
925	Propylsulfonic Acid Functionalized SBA-15 Mesoporous Silica as Efficient Catalysts for the Acetalization of Glycerol. <i>Catalysts</i> , 2018, 8, 297.	1.6	21
926	Ge nanoparticles embedded in spherical ordered mesoporous carbon as anode material for high performance lithium ion batteries. <i>Electrochimica Acta</i> , 2018, 287, 21-28.	2.6	28
927	A General and Simple Method of Preparing Molybdenum-Incorporated Silica Nanoparticles as Potential Catalysts for Epoxidation of Alkenes. <i>ChemistrySelect</i> , 2018, 3, 9084-9090.	0.7	15
928	Application of Mesoporous Metal Oxide Immobilized Gold-Palladium Nanoalloys as Catalysts for Ethanol Oxidation. <i>Catalysis Letters</i> , 2018, 148, 2957-2966.	1.4	4
929	New sucker-type precise capturer of tobacco specific nitrosamines derived from the SBA-15 in situ modified with polyaniline. <i>Chemical Engineering Journal</i> , 2018, 354, 1174-1184.	6.6	15
930	Mesoporous La/Mg/Si-incorporated palm shell activated carbon for the highly efficient removal of aluminum and fluoride from water. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 306-314.	2.7	28
931	Facile Synthesis of Morphology Controllable CoFe ₂ O ₄ Particles as High-Performance Electrode Materials. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800223.	1.2	12

#	ARTICLE	IF	CITATIONS
932	N1-(3-trimethoxysilylpropyl)diethylenetriamine grafted ordered mesoporous silica KIT-6 for CO ₂ adsorption. IOP Conference Series: Earth and Environmental Science, 2018, 167, 012028.	0.2	0
933	Nanostructured catalysts applied to degrade atrazine in aqueous phase by heterogeneous photo-Fenton process. Environmental Science and Pollution Research, 2019, 26, 4192-4201.	2.7	9
934	The synergistic catalytic effect between graphene oxide and three-dimensional ordered mesoporous Co ₃ O ₄ nanoparticles for low-temperature CO oxidation. Microporous and Mesoporous Materials, 2019, 273, 1-9.	2.2	43
935	Pt Co/meso-MnO : Highly efficient catalysts for low-temperature methanol combustion. Catalysis Today, 2019, 332, 168-176.	2.2	16
936	Gas Responsive Nanoswitch: Copper Oxide Composite for Highly Selective H ₂ S Detection. Advanced Functional Materials, 2019, 29, 1904505.	7.8	26
937	Nitrogen and oxygen co-doped ordered dual-mesoporous carbon for supercapacitors. Journal of Alloys and Compounds, 2019, 805, 859-867.	2.8	14
938	Solvent-free and rapid synthesis of mesoporous Pt-iron oxide catalysts via mechanochemical assembly. Catalysis Science and Technology, 2019, 9, 3907-3913.	2.1	9
939	Pd/meso-CoO derived from in situ reduction of the one-step synthesized Pd/meso-Co ₃ O ₄ : high-performance catalysts for benzene combustion. New Journal of Chemistry, 2019, 43, 12358-12368.	1.4	11
940	Effect of Structure-Controlled Ruthenium Oxide by Nanocasting in Electrocatalytic Oxygen and Chlorine Evolution Reactions in Acidic Conditions. Catalysts, 2019, 9, 549.	1.6	11
941	Porous Ruthenium Selenide Nanoparticle as a Peroxidase Mimic for Glucose Bioassay. Journal of Analysis and Testing, 2019, 3, 253-259.	2.5	14
942	Preparation of iron oxide mesoporous magnetic microparticles as novel multidrug carriers for synergistic anticancer therapy and deep tumor penetration. Scientific Reports, 2019, 9, 9481.	1.6	37
943	The effect of crystal facets and induced porosity on the performance of monoclinic BiVO ₄ for the enhanced visible-light driven photocatalytic abatement of methylene blue. Journal of Environmental Chemical Engineering, 2019, 7, 103265.	3.3	49
944	Structure-dependent catalytic properties of mesoporous cobalt oxides in furfural hydrogenation. Applied Catalysis A: General, 2019, 583, 117125.	2.2	22
945	High-efficient oxidation removal of ethanol from air over ordered mesoporous Co ₃ O ₄ /KIT-6 catalyst. Journal of Environmental Chemical Engineering, 2019, 7, 103480.	3.3	14
946	Kinetics of Fischer-Tropsch Synthesis in a 3-D Printed Stainless Steel Microreactor Using Different Mesoporous Silica Supported Co-Ru Catalysts. Catalysts, 2019, 9, 872.	1.6	24
947	Solvent-Free Melting-Assisted Pyrolysis Strategy Applied on the Co/N Codoped Porous Carbon Catalyst. ACS Sustainable Chemistry and Engineering, 2019, 7, 19474-19482.	3.2	15
948	Activity Origin and Multifunctionality of Pt-Based Intermetallic Nanostructures for Efficient Electrocatalysis. ACS Catalysis, 2019, 9, 11242-11254.	5.5	96
949	Influence of Iron Salt Anions on Formation and Oxygen Reduction Activity of Fe/N-Doped Mesoporous Carbon Fuel Cell Catalysts. ACS Omega, 2019, 4, 17662-17671.	1.6	2

#	ARTICLE	IF	CITATIONS
950	Pore connectivity effects on the internal surface electric charge of mesoporous silica. <i>Colloid and Polymer Science</i> , 2019, 297, 1365-1373.	1.0	9
951	Enhanced Selective Production of Carbonyl Products for Aerobic Oxidation of Benzylic Alcohols over Mesoporous Fe ₂ O ₃ Supported Gold Nanoparticles. <i>Catalysts</i> , 2019, 9, 754.	1.6	3
952	Novel Electrochemical Sensor Fabricated for Individual and Simultaneous Ultrasensitive Determination of Olaquinox and Carbadox Based on MWCNT-OH/CMK-8 Hybrid Nanocomposite Film. <i>Molecules</i> , 2019, 24, 3041.	1.7	1
953	Highly anti-sintering and anti-coking ordered mesoporous silica carbide supported nickel catalyst for high temperature CO methanation. <i>Fuel</i> , 2019, 257, 116006.	3.4	20
954	Chemically Synthesized Carbon Nanorods with Dual Polarized Emission. <i>ACS Nano</i> , 2019, 13, 12024-12031.	7.3	31
955	Designing and Fabricating Ordered Mesoporous Metal Oxides for CO ₂ Catalytic Conversion: A Review and Prospect. <i>Materials</i> , 2019, 12, 276.	1.3	29
956	Templated Growth of Crystalline Mesoporous Materials: From Soft/Hard Templates to Colloidal Templates. <i>Frontiers in Chemistry</i> , 2019, 7, 22.	1.8	82
957	Evaluation of ciprofloxacin destruction between ordered mesoporous and bulk NiMn ₂ O ₄ /CF cathode: efficient mineralization in a heterogeneous electro-Fenton-like process. <i>Environmental Science: Nano</i> , 2019, 6, 661-671.	2.2	25
958	Synthesis of mesoporous lanthanum hydroxide with enhanced adsorption performance for phosphate removal. <i>RSC Advances</i> , 2019, 9, 15257-15264.	1.7	21
959	Effect of structure and composition on the CO ₂ hydrogenation properties over bimodal mesoporous CeCo composite catalyst. <i>Chemical Engineering Journal</i> , 2019, 375, 122023.	6.6	31
960	Structural and defect engineering of cobaltic oxide nanoarchitectures as an ultrahigh energy density and super durable cathode for Zn-based batteries. <i>Chemical Science</i> , 2019, 10, 7600-7609.	3.7	40
961	Copper Oxide/Silica Nanocomposites for Selective and Stable H ₂ S Gas Detection. <i>ACS Applied Nano Materials</i> , 2019, 2, 3335-3338.	2.4	15
962	Preparation of MnO ₂ -Cr ₂ O ₃ mesoporous oxide and its application for an active and reversible air catalyst for Li-O ₂ batteries. <i>Electrochimica Acta</i> , 2019, 317, 594-603.	2.6	6
963	Valorization of coal treatment residues as a host matrix of nanosized nickel, copper and zinc ferrites. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 691-703.	0.8	1
964	Size-Selective Separation of Rare Earth Elements Using Functionalized Mesoporous Silica Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23681-23691.	4.0	41
965	AgAuPd/meso-Co ₃ O ₄ : High-performance catalysts for methanol oxidation. <i>Chinese Journal of Catalysis</i> , 2019, 40, 837-848.	6.9	13
966	A wide range sensor of a 3D mesoporous silica coated QCM electrodes for the detection of volatile organic compounds. <i>Journal of Porous Materials</i> , 2019, 26, 1731-1741.	1.3	12
967	Preparation of sulfonated ordered mesoporous carbon catalyst and its catalytic performance for esterification of free fatty acids in waste cooking oils. <i>RSC Advances</i> , 2019, 9, 15941-15948.	1.7	23

#	ARTICLE	IF	CITATIONS
968	Structure of ice confined in carbon and silica nanopores. Bulletin of Materials Science, 2019, 42, 1.	0.8	4
969	Selective extraction of aliphatic amines by functionalized mesoporous silica-coated solid phase microextraction Arrow. Mikrochimica Acta, 2019, 186, 412.	2.5	16
970	Modified Silica Adsorbents for Toluene Adsorption under Dry and Humid Conditions: Impacts of Pore Size and Surface Chemistry. Langmuir, 2019, 35, 8927-8934.	1.6	24
971	High-Performance Bimetal NiMo Catalysts Prepared over Novel Cubic Mesoporous Silica with a Cost-Efficient Method for the Removal of Dibenzothiophene. Industrial & Engineering Chemistry Research, 2019, 58, 9300-9313.	1.8	6
972	Mesoporous MnO ₂ -CeO ₂ composites for NH ₃ -SCR: the effect of preparation methods and a third dopant. RSC Advances, 2019, 9, 11912-11921.	1.7	16
973	Selective Oxidation of Glyoxal to Glyoxalic Acid by Air over Mesoporous Silica Supported Pd Catalysts. Catalysis Letters, 2019, 149, 1894-1902.	1.4	9
974	Short-Chain Modified SiO ₂ with High Absorption of Organic PCM for Thermal Protection. Nanomaterials, 2019, 9, 657.	1.9	8
975	Studies on the adsorption of phosphate using lanthanide functionalized KIT-6. Microporous and Mesoporous Materials, 2019, 286, 77-83.	2.2	11
976	Fe ₃ O ₄ -Co Nanoparticles Encapsulated in a Hierarchical Structure of N-Doped Carbon as a Multifunctional Electrocatalyst for ORR, OER, and HER. Advanced Functional Materials, 2019, 29, 1901949.	7.8	297
977	Vanadyl acetylacetonate grafted on ordered mesoporous silica KIT-6 and its enhanced catalytic performance for direct hydroxylation of benzene to phenol. Microporous and Mesoporous Materials, 2019, 285, 223-230.	2.2	25
978	NixZn1-xFe2O4 modified activated carbons from industrial waste as catalysts for hydrogen production. Microporous and Mesoporous Materials, 2019, 285, 96-104.	2.2	8
979	Production of n-butyl levulinate over modified KIT-6 catalysts: comparison of the activity of KIT-SO ₃ H and Al-KIT-6 catalysts. Journal of the Iranian Chemical Society, 2019, 16, 2045-2053.	1.2	14
980	Structural properties of ice in confinement. Journal of Molecular Liquids, 2019, 283, 167-173.	2.3	6
981	Effects of Molecular and Electronic Structures in CoO _x /CeO ₂ Catalysts on NO Reduction by CO. Journal of Physical Chemistry C, 2019, 123, 7166-7177.	1.5	29
982	Predicting Catalytic Performance of Micro-Mesoporous Pt/Beta-KIT-6 Catalyst in n-Heptane Hydroisomerization Using Indexed Isomerization Factor and Experimental Verification. Industrial & Engineering Chemistry Research, 2019, 58, 5146-5157.	1.8	9
983	Nongenetic optical neuromodulation with silicon-based materials. Nature Protocols, 2019, 14, 1339-1376.	5.5	62
984	Modular Pd/Zeolite Composites Demonstrating the Key Role of Support Hydrophobic/Hydrophilic Character in Methane Catalytic Combustion. ACS Catalysis, 2019, 9, 4742-4753.	5.5	97
985	Microporous and Mesoporous Materials from Natural and Inexpensive Sources. , 2019, , 3379-3399.		10

#	ARTICLE	IF	CITATIONS
986	3D interpenetrating cubic mesoporous carbon supported nanosized SnO ₂ as an efficient anode for high performance lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 791, 892-904.	2.8	20
987	Preparation of 3D ordered mesoporous anatase TiO ₂ and their photocatalytic activity. <i>Rare Metals</i> , 2019, 38, 453-458.	3.6	21
988	The Key Role of Nanocasting in Gold-based Fe ₂ O ₃ Nanocasted Catalysts for Oxygen Activation at the Metal-support Interface. <i>ChemCatChem</i> , 2019, 11, 1915-1927.	1.8	13
989	Mesoporous SiO ₂ /BiVO ₄ /CuO nanospheres for Z-scheme, visible light aerobic C-N coupling and dehydrogenation. <i>Applied Materials Today</i> , 2019, 15, 192-202.	2.3	30
990	Effect of Potassium on the Structure, Physic-Chemical and Catalytic Properties of Vanadium-Incorporated Mesoporous Catalysts for the Oxidative Dehydrogenation of Propane. <i>Catalysis Letters</i> , 2019, 149, 1345-1358.	1.4	7
991	Sub-Nanometer-Sized Iridium Species Decorated on Mesoporous Co ₃ O ₄ for Electrocatalytic Oxygen Evolution. <i>ChemElectroChem</i> , 2019, 6, 1846-1852.	1.7	13
992	Au-Pd@Meso-Co ₃ O ₄ : A Promising Material For New Generation Pellistor with Low Working Temperature. , 2019, , .		2
993	Mesoporous bimetallic Fe/Co as highly active heterogeneous Fenton catalyst for the degradation of tetracycline hydrochlorides. <i>Scientific Reports</i> , 2019, 9, 15820.	1.6	20
994	Enhancement mechanism of Sn on the catalytic performance of Cu/KIT-6 during the catalytic combustion of chlorobenzene. <i>Catalysis Science and Technology</i> , 2019, 9, 6114-6123.	2.1	22
995	Improved mesostructured oxygen electrodes for highly performing solid oxide cells for co-electrolysis of steam and carbon dioxide. <i>Journal of Materials Chemistry A</i> , 2019, 7, 27458-27468.	5.2	11
996	Particle size control of monodispersed spherical nanoparticles with MCM-48-type mesostructure via novel rapid synthesis procedure. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	11
997	Reflux-synthesized bulk and diluted W-Nb-O mixed oxide bronzes for the valorization of short-chain oxygenates aqueous mixtures. <i>Chinese Journal of Catalysis</i> , 2019, 40, 1778-1787.	6.9	4
998	Enhanced Selective Production of Arenes and Regenerating Rate in Aryl Ether Hydrogenolysis over Mesoporous Nickel in Plug-Flow Reactors. <i>Catalysts</i> , 2019, 9, 904.	1.6	1
999	The adsorbing properties of mesoporous silica/carbon composites prepared by direct carbonization of the template as the sole source of the carbon phase. <i>Advanced Composites Letters</i> , 2019, 28, 2633366X1989599.	1.3	2
1000	3D defective graphenes with subnanometric porosity obtained by soft-templating following zeolite procedures. <i>Nanoscale Advances</i> , 2019, 1, 4827-4833.	2.2	5
1001	Comparative study of mesoporous Ni _x Mn _{6x} Ce ₄ composite oxides for NO catalytic oxidation. <i>RSC Advances</i> , 2019, 9, 31035-31042.	1.7	8
1002	Ordered mesoporous WO ₃ /ZnO nanocomposites with isotype heterojunctions for sensitive detection of NO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 68-75.	4.0	60
1003	Titanium(IV) Catecholate-Grafted Mesoporous Silica KIT-6: Probing Sequential and Convergent Immobilization Approaches. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 682-692.	1.0	7

#	ARTICLE	IF	CITATIONS
1004	Highly efficient catalytic combustion of o-dichlorobenzene over three-dimensional ordered mesoporous cerium manganese bimetallic oxides: A new concept of chlorine removal mechanism. <i>Molecular Catalysis</i> , 2019, 463, 119-129.	1.0	36
1005	Controlled Leaching Derived Synthesis of Atomically Dispersed/Clustered Gold on Mesoporous Cobalt Oxide for Enhanced Oxygen Evolution Reaction Activity. <i>Small Methods</i> , 2019, 3, 1800293.	4.6	18
1006	Low cost thiol-functionalized mesoporous silica, KIT-6-SH, as a useful adsorbent for cadmium ions removal: A study on the adsorption isotherms and kinetics of KIT-6-SH. <i>Microchemical Journal</i> , 2019, 145, 460-469.	2.3	78
1007	Synthesis of exo-tricyclopentadiene from endo-dicyclopentadiene over mesoporous aluminosilicate catalysts prepared from Y zeolite. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 30-36.	1.2	1
1008	Three-dimensionally ordered mesoporous iron oxide-supported single-atom platinum: Highly active catalysts for benzene combustion. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 650-659.	10.8	159
1009	General Synthesis and Physico-chemical Properties of Mesoporous Materials. <i>Springer Series in Materials Science</i> , 2019, , 15-85.	0.4	4
1010	Synthesis of highly dispersed ultra-small cobalt nanoparticles within the cage-type mesopores of 3D cubic mesoporous silica via double agent reduction method for catalytic hydrogen generation. <i>Applied Surface Science</i> , 2019, 470, 764-772.	3.1	16
1011	Effect of swelling agent on the pore structure of SBA-15 studied by positron annihilation. <i>Applied Surface Science</i> , 2019, 475, 961-968.	3.1	11
1012	Simultaneous removal of As(V)/Cr(VI) and acid orange 7 (AO7) by nanosized ordered magnetic mesoporous Fe-Ce bimetal oxides: Behavior and mechanism. <i>Chemosphere</i> , 2019, 218, 1002-1013.	4.2	45
1013	Encapsulation of LiFePO ₄ Nanoparticles into 3D Interpenetrating Ordered Mesoporous Carbon as a High-Performance Cathode for Lithium-Ion Batteries Exceeding Theoretical Capacity. <i>ACS Applied Energy Materials</i> , 2019, 2, 1121-1133.	2.5	31
1014	Catalytic benzene oxidation by biogenic Pd nanoparticles over 3D-ordered mesoporous CeO ₂ . <i>Chemical Engineering Journal</i> , 2019, 362, 41-52.	6.6	95
1015	Stimuli-Responsive Nanomaterials for Drug Delivery. , 2019, , 375-424.		4
1016	Solvent-free synthesis of mesoporous carbon employing KIT-6 as hard template for removal of aqueous rhodamine B. <i>Journal of Porous Materials</i> , 2019, 26, 941-950.	1.3	8
1017	Selective separation and preconcentration of Th(^{iv}) using organo-functionalized, hierarchically porous silica monoliths. <i>Journal of Materials Chemistry A</i> , 2019, 7, 289-302.	5.2	33
1018	Recent Applications of Nanometal Oxide Catalysts in Oxidation Reactions. , 2019, , 227-293.		7
1019	A novel method of synthesis and a new insight into the vanadium incorporation in three dimensional mesoporous KIT-6. <i>Materials Research Express</i> , 2019, 6, 015021.	0.8	4
1020	Influence of Ni/Mo ratio on the structure-performance of ordered mesoporous Ni-Mo-O catalysts for oxidative dehydrogenation of propane. <i>Catalysis Today</i> , 2020, 339, 67-78.	2.2	40
1021	Highly dispersed Pd catalysts supported on various carbons for furfural hydrogenation. <i>Catalysis Today</i> , 2020, 350, 71-79.	2.2	30

#	ARTICLE	IF	CITATIONS
1022	Gamma-irradiation applied in the synthesis of metallic and organic nanoparticles: A short review. <i>Radiation Physics and Chemistry</i> , 2020, 169, 107962.	1.4	104
1023	Catalytic combustion of methane over a highly active and stable NiO/CeO ₂ catalyst. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 534-545.	2.3	15
1024	Comparative study of the thermo-catalytic degradation of waste frying and <i>Pachira aquatica</i> Aubl. oil in the presence of Mo/KIT-6. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 535-544.	2.0	7
1025	Stabilization of nanosized MgFe ₂ O ₄ nanoparticles in phenylene-bridged KIT-6-type ordered mesoporous organosilica (PMO). <i>Microporous and Mesoporous Materials</i> , 2020, 293, 109783.	2.2	5
1026	High-Performance CoCu Catalyst Encapsulated in KIT-6 for Higher Alcohol Synthesis from Syngas. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 200-209.	3.2	32
1027	Three-dimensional mesoporous Irâ€Ru binary oxides with improved activity and stability for water electrolysis. <i>Catalysis Today</i> , 2020, 352, 39-46.	2.2	30
1028	Relationship Between the Pore Structure of Mesoporous Silica Supports and the Activity of Nickel Nanocatalysts in the CO ₂ Reforming of Methane. <i>Catalysts</i> , 2020, 10, 51.	1.6	42
1029	Enhanced Fenton-like catalytic performance of Cu-Al/KIT-6 and the key role of O ₂ in triggering reaction. <i>Chemical Engineering Journal</i> , 2020, 387, 124006.	6.6	15
1030	Mesoporous cobalt monoxide-supported platinum nanoparticles: Superior catalysts for the oxidative removal of benzene. <i>Journal of Environmental Sciences</i> , 2020, 90, 170-179.	3.2	11
1031	Ordered mesoporous ruthenium oxide with balanced catalytic activity and stability toward oxygen evolution reaction. <i>Catalysis Today</i> , 2020, 358, 203-209.	2.2	11
1032	Effect of organic template removal approaches on physiochemical characterization of Ni/Al-SBA-15 and eugenol hydrodeoxygenation. <i>Journal of Solid State Chemistry</i> , 2020, 282, 121063.	1.4	7
1033	Thermodynamically Stable Mesoporous C ₃ N ₇ and C ₃ N ₆ with Ordered Structure and Their Excellent Performance for Oxygen Reduction Reaction. <i>Small</i> , 2020, 16, e1903572.	5.2	53
1034	Strip-shaped Co ₃ O ₄ as a peroxidase mimic in a signal-amplified impedimetric zearalenone immunoassay. <i>Mikrochimica Acta</i> , 2020, 187, 75.	2.5	5
1035	Effect of Nitrogen Doping on the Performance of Mesoporous CMK-8 Carbon Anodes for Li-Ion Batteries. <i>Energies</i> , 2020, 13, 4998.	1.6	7
1036	Hybrid nanospheres with metastable silica-nanonetwork and confined phenyl for simple fabrication of high-surface-area microporous carbon materials. <i>Carbon</i> , 2020, 170, 658-665.	5.4	8
1037	Modeling the Impact of Mesoporous Silica Microstructures on the Adsorption Hysteresis Loop. <i>Journal of Physical Chemistry C</i> , 2020, 124, 21646-21655.	1.5	32
1038	Biomass-derived carbon for ORR: pine needles as a single source for efficient carbon electrocatalyst. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 1257-1267.	1.5	13
1039	Spatially Nanoconfined Architectures: A Promising Design for Selective Catalytic Reduction of NO _x . <i>ChemCatChem</i> , 2020, 12, 5599-5610.	1.8	15

#	ARTICLE	IF	CITATIONS
1040	Production techniques of functional solid catalysts. , 2020, , 39-75.		0
1041	Direct conversion of gas-glycerol to Allyl alcohol over V, Ti or Nb modified MoFe/KIT-6 oxide catalysts. <i>Molecular Catalysis</i> , 2020, 498, 111279.	1.0	11
1042	Synthesis and Crystal-Phase Engineering of Mesoporous Palladium-Boron Alloy Nanoparticles. <i>ACS Central Science</i> , 2020, 6, 2347-2353.	5.3	36
1043	An amine-bifunctionalization strategy with Beta/KIT-6 composite as a support for CO ₂ adsorbent preparation. <i>RSC Advances</i> , 2020, 10, 34187-34196.	1.7	16
1044	Catalytic steam reforming of glycerol over Ni-La ₂ O ₃ -CeO ₂ /SBA-15 catalyst for stable hydrogen-rich gas production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28462-28475.	3.8	25
1045	Hydrogen generation by ammonia decomposition over Co/CeO ₂ catalyst: Influence of support morphologies. <i>Applied Surface Science</i> , 2020, 532, 147335.	3.1	62
1046	Pore Size and Porosity Dependent Zeta Potentials of Mesoporous Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19579-19587.	1.5	17
1047	Nickel Catalyzed Olefin Oligomerization and Dimerization. <i>Chemical Reviews</i> , 2020, 120, 7919-7983.	23.0	128
1048	Template Synthesis of Well-Defined Rutile Nanoparticles by Solid-State Reaction at Room Temperature. <i>Inorganic Chemistry</i> , 2020, 59, 7934-7938.	1.9	8
1049	Mesoporous silica-supported Pt catalysts in enantioselective hydrogenation of ethyl pyruvate. <i>Catalysis Today</i> , 2022, 388-389, 333-340.	2.2	8
1050	Microscopic Pressure Tensor in Cylindrical Geometry: Pressure of Water in a Carbon Nanotube. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 5548-5561.	2.3	14
1051	Hydrodeoxygenation of guaiacol into cyclohexane over mesoporous silica supported Ni-ZrO ₂ catalyst. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110452.	2.2	20
1052	Cubic nanocasted polyaniline-ordered mesoporous carbon composite and its application for enhanced catalytic activity of palladium nanoparticles in the aerobic oxidation of alcohols in water. <i>Molecular Catalysis</i> , 2020, 496, 111182.	1.0	3
1053	Electrochemical performance of nano-sized LiFePO ₄ -embedded 3D-cubic ordered mesoporous carbon and nitrogenous carbon composites. <i>RSC Advances</i> , 2020, 10, 30406-30414.	1.7	5
1054	Understanding Selectivity of Mesoporous Silica-Grafted Diglycolamide-Type Ligands in the Solid-Phase Extraction of Rare Earths. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57003-57016.	4.0	34
1055	Synthesis of NiW Supported on an Al-Modified Cubic Ia3d Mesoporous KIT-5 Catalyst and Its Hydrodenitrogenation Performance of Quinoline. <i>Catalysts</i> , 2020, 10, 1183.	1.6	1
1056	Engineering nano-ordered of Ni nanoparticles on KIT-6 for enhanced catalytic hydrogenation of nitrobenzene. <i>Applied Surface Science</i> , 2020, 525, 146382.	3.1	14
1057	Impact of Pore Architecture on the Hydroconversion of Long Chain Alkanes over Micro and Mesoporous Catalysts. <i>Petroleum Chemistry</i> , 2020, 60, 479-489.	0.4	7

#	ARTICLE	IF	CITATIONS
1058	Enhancing CO ₂ Hydrogenation to Methane by Ni-Based Catalyst with V Species Using 3D-mesoporous KIT-6 as Support. <i>Energies</i> , 2020, 13, 2235.	1.6	14
1059	Aqueous Cu(II) ion adsorption by amino-functionalized mesoporous silica KIT-6. <i>RSC Advances</i> , 2020, 10, 20504-20514.	1.7	20
1060	Nanocast Mixed Ni-Co-Mn Oxides with Controlled Surface and Pore Structure for Electrochemical Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 5597-5609.	2.5	20
1061	Morphology-transport relationships for SBA-15 and KIT-6 ordered mesoporous silicas. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11314-11326.	1.3	37
1062	Loading of nickel phthalocyanine onto functionalized mesoporous KIT-6 solid support: an efficient visible photocatalyst for the degradation of 2,4-dichlorophenol. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 547-566.	0.8	6
1063	Efficient, selective and mild oxidation of sulfides and oxidative coupling of thiols catalyzed by Pd(II)-isatin Schiff base complex immobilized into three-dimensional mesoporous silica KIT-6. <i>Journal of Sulfur Chemistry</i> , 2020, 41, 561-580.	1.0	12
1064	Bimetallic CoCu catalyst derived from in-situ grown Cu-ZIF-67 encapsulated inside KIT-6 for higher alcohol synthesis from syngas. <i>Fuel</i> , 2020, 278, 118292.	3.4	25
1065	Highly enhanced photocatalytic hydrogen evolution activity of graphitic carbon nitride with 3D connected mesoporous structure. <i>Sustainable Materials and Technologies</i> , 2020, 25, e00184.	1.7	10
1066	Impact of nanoconfinement on acetylacetone Equilibria in Ordered Mesoporous Silicates. <i>Nanotechnology</i> , 2020, 31, 355706.	1.3	1
1067	Direct conversion of ethylene to propylene over Ni- and W-based catalysts: An unprecedented behaviour. <i>Catalysis Communications</i> , 2020, 144, 106091.	1.6	4
1068	Synthesis of an efficient photocatalyst by incorporation of phthalocyanine into KIT-6. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	4
1069	Exploring the confinement of polymer nanolayers into ordered mesoporous silica using advanced gas physisorption. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 489-507.	5.0	10
1070	Theoretical and experimental investigations of mesoporous C ₃ N ₅ /MoS ₂ hybrid for lithium and sodium ion batteries. <i>Nano Energy</i> , 2020, 72, 104702.	8.2	65
1071	Multi-scale microporous silica microcapsules from gas-in water-in oil emulsions. <i>Soft Matter</i> , 2020, 16, 3082-3087.	1.2	11
1072	Template-free Synthesis of Mesoporous and Crystalline Transition Metal Oxide Nanoplates with Abundant Surface Defects. <i>Matter</i> , 2020, 2, 1244-1259.	5.0	38
1073	Intermetallic compound PtMn ₂ -derived Pt-MnO supported on mesoporous CeO ₂ : Highly efficient catalysts for the combustion of toluene. <i>Applied Catalysis A: General</i> , 2020, 595, 117509.	2.2	30
1074	A novel technique for simultaneous determination of drugs using magnetic nanoparticles based dispersive micro-solid-phase extraction in biological fluids and wastewaters. <i>MethodsX</i> , 2020, 7, 100952.	0.7	7
1075	Green synthesis of KIT-6 from water-glass as support for hydrodesulfurization catalysts, and its comparison with KIT-6 synthesized from TEOS. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110436.	2.2	9

#	ARTICLE	IF	CITATIONS
1076	SO ₃ decomposition over SiC and SiO ₂ supported CuFe ₂ O ₄ : A stability and kinetic study. International Journal of Hydrogen Energy, 2020, 45, 21287-21296.	3.8	11
1077	Insight into the Superior Lithium Storage Properties of Ultrafine CoO Nanoparticles Confined in a Bimodal Ordered Mesoporous Carbon Anode. ChemSusChem, 2020, 13, 2952-2965.	3.6	25
1078	Engineering pore morphology using silica template route over mesoporous cobalt oxide and its implications in atmospheric pressure carbon dioxide hydrogenation to olefins. Applied Materials Today, 2020, 19, 100586.	2.3	8
1079	Tunable Effect of the Calcination of the Silanol Groups of KIT-6 and SBA-15 Mesoporous Materials. Applied Sciences (Switzerland), 2020, 10, 970.	1.3	18
1080	Pre-deposition layers for alleviating ultrafiltration membrane fouling by organic matter: Role of hexagonally and cubically ordered mesoporous carbons. Separation and Purification Technology, 2020, 240, 116599.	3.9	20
1081	Promoting Effect of KIT-6 to Support Ni _{0.8} Gd _{0.2} O ₂ as Efficient Coke-Resistant Catalysts for Carbon Dioxide Reforming of Methane. European Journal of Inorganic Chemistry, 2020, 2020, 631-637.	1.0	2
1082	Confinement Effect of Mesopores: In Situ Synthesis of Cationic Tungsten-Vacancies for a Highly Ordered Mesoporous Tungsten Phosphide Electrocatalyst. ACS Applied Materials & Interfaces, 2020, 12, 22741-22750.	4.0	34
1083	Palladium supported on a novel ordered mesoporous polypyrrole/carbon nanocomposite as a powerful heterogeneous catalyst for the aerobic oxidation of alcohols to carboxylic acids and ketones on water. RSC Advances, 2020, 10, 13616-13631.	1.7	14
1084	Bi-continuous orthorhombic soft matter phase made of polycatenar molecules. Soft Matter, 2020, 16, 3882-3885.	1.2	13
1085	Direct Transformation of Ethylene to Propylene by Cascade Catalytic Reactions under Very Mild Conditions. Industrial & Engineering Chemistry Research, 2020, 59, 7438-7446.	1.8	6
1086	Ni-Based heterogeneous catalysts for the transformation of fatty acids into higher yields of O-free hydrocarbons. Green Chemistry, 2020, 22, 3470-3480.	4.6	12
1087	Reaction mechanism and additional lithium storage of mesoporous MnO ₂ anode in Li batteries. Journal of Energy Chemistry, 2021, 53, 276-284.	7.1	23
1088	Modeling of gyroidal mesoporous CMK-8 and CMK-9 carbon nanostructures and their X-Ray diffraction patterns. Microporous and Mesoporous Materials, 2021, 310, 110330.	2.2	4
1089	Removal of AV 90 dye using ordered mesoporous carbon materials prepared via nanocasting of KIT-6: Adsorption isotherms, kinetics and thermodynamic analysis. Separation and Purification Technology, 2021, 257, 117657.	3.9	54
1090	Sulfonation of porous materials and their proton conductivity. Microporous and Mesoporous Materials, 2021, 312, 110745.	2.2	15
1091	Control of porous size distribution on solvent-free mesoporous carbon and their use as a superadsorbent for 17 β -ethinylestradiol removal. Chemical Engineering Journal, 2021, 407, 127219.	6.6	8
1092	Ordered Mesoporous Carbons with Graphitic Tubular Frameworks by Dual Templating for Efficient Electrocatalysis and Energy Storage. Angewandte Chemie, 2021, 133, 1461-1469.	1.6	5
1093	Ordered Mesoporous Carbons with Graphitic Tubular Frameworks by Dual Templating for Efficient Electrocatalysis and Energy Storage. Angewandte Chemie - International Edition, 2021, 60, 1441-1449.	7.2	40

#	ARTICLE	IF	CITATIONS
1094	Selective Modification of Hierarchical Pores and Surfaces in Nanoporous Materials. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001153.	1.9	14
1095	Mesoporous WO ₃ modified by Au nanoparticles for enhanced trimethylamine gas sensing properties. <i>Dalton Transactions</i> , 2021, 50, 970-978.	1.6	33
1096	Dehydration of carbohydrates into 5-hydroxymethylfurfural over vanadyl pyrophosphate catalysts. <i>Renewable Energy</i> , 2021, 164, 11-22.	4.3	27
1097	Cu ₂ O(100) surface as an active site for catalytic furfural hydrogenation. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119576.	10.8	43
1098	Effect of pre-activation treatment temperature on hydrodesulfurization catalytic activity of CoMoS/KIT-6. <i>Catalysis Today</i> , 2021, 360, 106-115.	2.2	8
1099	Supported Fe _x Ni _y catalysts for the co-activation of CO ₂ and small alkanes. <i>Faraday Discussions</i> , 2021, 229, 208-231.	1.6	6
1100	Investigation of the effect of microwave heated reactor on ethane dehydrogenation over KIT-6 supported catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 132, 379-399.	0.8	4
1101	Enhanced xylene sensing performance using Ag ⁺ V ₂ O ₅ loaded mesoporous graphitic carbon nitride. <i>Dalton Transactions</i> , 2021, 50, 8392-8403.	1.6	3
1102	Formation of Double-Helical Structures by Silica Nanotubes Templated by Mixtures of Common Nonionic Surfactants in Aqueous Solutions. <i>ACS Nano</i> , 2021, 15, 1016-1029.	7.3	5
1103	Pt-sensitized MoO ₃ /mpg-CN mesoporous nano-hybrid: A highly sensitive VOC sensor. <i>Microporous and Mesoporous Materials</i> , 2021, 315, 110906.	2.2	11
1104	Application of vanadyl hydrogen phosphate/KIT-6 composites as a catalyst for dehydration of sucrose. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2291-2302.	1.2	2
1105	A Novel TEPA-Load or PEI-Load Beta/KIT-6 Composite and their Application to CO ₂ Adsorption. <i>Nano</i> , 2021, 16, 2150033.	0.5	2
1106	Catalytic SO ₃ Decomposition Activity of SiO ₂ -Supported Alkaline Earth Vanadates for Solar Thermochemical Water Splitting Cycles. <i>ACS Applied Energy Materials</i> , 2021, 4, 1696-1703.	2.5	9
1107	Complexity of a Co ₃ O ₄ System under Ambient-Pressure CO ₂ Methanation: Influence of Bulk and Surface Properties on the Catalytic Performance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7130-7141.	1.5	43
1108	Single Ir Atoms Anchored on Ordered Mesoporous WO ₃ Are Highly Efficient for the Selective Catalytic Reduction of NO with CO under Oxygen-rich Conditions. <i>ChemCatChem</i> , 2021, 13, 1834-1846.	1.8	21
1109	Mesoporous KIT-6 supported Cr and Co-based catalysts for microwave-assisted non-oxidative ethane dehydrogenation. <i>International Journal of Chemical Reactor Engineering</i> , 2021, 19, 179-191.	0.6	4
1110	PoreMS: a software tool for generating silica pore models with user-defined surface functionalisation and pore dimensions. <i>Molecular Simulation</i> , 2021, 47, 306-316.	0.9	14
1111	Bi-functionalized aminoguanidine-PEGylated periodic mesoporous organosilica nanoparticles: a promising nanocarrier for delivery of Cas9-sgRNA ribonucleoproteine. <i>Journal of Nanobiotechnology</i> , 2021, 19, 95.	4.2	9

#	ARTICLE	IF	CITATIONS
1112	Preparation of CaO/KIT-6 solid base catalyst and its catalytic performance in transesterification. <i>Journal of Fuel Chemistry and Technology</i> , 2021, 49, 322-329.	0.9	3
1113	Combustion of acetylene over the mesoporous CeO ₂ -supported IrFe bimetallic catalysts. <i>Catalysis Today</i> , 2021, 382, 22-33.	2.2	3
1114	Nano-Pd/CeO ₂ catalysts for hydrogen storage by reversible benzene hydrogenation/dehydrogenation reactions. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 14540-14555.	3.8	16
1115	Reassessing the Physicochemical Properties of Ordered Mesoporous Polymer and Copolymer Nanocasts. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 916-928.	0.4	3
1116	Density Functional Theory Study of Small Au Nanoparticles Anchored on the Inner Surface of Mesoporous Co ₃ O ₄ for the Catalytic Reduction of 4-Nitrophenol. <i>ACS Applied Nano Materials</i> , 2021, 4, 4763-4773.	2.4	9
1117	Pd(5%)-KIT-6, Pd(5%)-SBA-15 and Pd(5%)-SBA-16 catalysts in water extract of pomegranate ash: A case study in heterogenization of Suzuki-Miyaura reaction under external base and ligand free conditions. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 19, 100371.	1.6	22
1118	Graphene-Based Two-Dimensional Mesoporous Materials: Synthesis and Electrochemical Energy Storage Applications. <i>Materials</i> , 2021, 14, 2597.	1.3	11
1119	The effects of nanostructures on lithium storage behavior in Mn ₂ O ₃ anodes for next-generation lithium-ion batteries. <i>Journal of Power Sources</i> , 2021, 493, 229682.	4.0	23
1120	Copper incorporated hydroxyapatite encapsulated Kit-6 mesoporous silica as a novel and recoverable nanocatalyst for the synthesis of quinazolines. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 441-454.	0.8	1
1121	Construction of bifunctional 3-D ordered mesoporous catalyst for oxidative desulfurization. <i>Separation and Purification Technology</i> , 2021, 264, 118434.	3.9	54
1122	Ordered mesoporous carbon with tubular framework supported SnO ₂ nanoparticles intertwined in MoS ₂ nanosheets as an anode for advanced lithium-ion batteries with outstanding performances. <i>Electrochimica Acta</i> , 2021, 380, 138195.	2.6	10
1123	Multiple Roles of Mesoporous Silica in Safe Pesticide Application by Nanotechnology: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6735-6754.	2.4	87
1124	Nanostructured KIT-6 materials functionalized with sulfonic groups for catalytic purposes. <i>Catalysis Today</i> , 2022, 397-399, 526-539.	2.2	12
1125	Long-chain bio-olefins production via oxidative dehydrogenation of oleic acid over vanadium oxides/KIT-6 catalysts. <i>Catalysis Today</i> , 2023, 407, 260-273.	2.2	3
1126	Design of an acidic sulfonated mesoporous carbon catalyst for the synthesis of butyl levulinate from levulinic acid. <i>Environmental Progress and Sustainable Energy</i> , 0, , e13721.	1.3	4
1127	In situ confined encapsulation strategy for construction of Co ₃ O ₄ @SiO ₂ catalyst for the efficient elimination of toluene. <i>Microporous and Mesoporous Materials</i> , 2021, 322, 111156.	2.2	18
1128	Ordered nano-structured mesoporous CMK-8 and other carbonaceous positive electrodes for rechargeable aluminum batteries. <i>Chemical Engineering Journal</i> , 2021, 417, 129131.	6.6	15
1129	Design and Catalytic Behaviour of Hosted in Activated Carbon Foam Co _x Zn _{1-x} Fe ₂ O ₄ Ferrites. <i>Symmetry</i> , 2021, 13, 1532.	1.1	0

#	ARTICLE	IF	CITATIONS
1130	Versatile Interferometric Sensor Based on Sandwiched Grapefruit Photonic Crystal Fiber. IEEE Sensors Journal, 2021, 21, 17875-17881.	2.4	3
1131	Influence of water on amine loading for ordered mesoporous silica. Chemical Engineering Science, 2021, 241, 116717.	1.9	7
1132	Precise Synthesis of Hollow Mesoporous Palladium-Sulfur Alloy Nanoparticles for Selective Catalytic Hydrogenation. CCS Chemistry, 2022, 4, 2854-2863.	4.6	23
1133	Understanding the Operating Mechanism of Aqueous Pentyl Viologen/Bromide Redox-Enhanced Electrochemical Capacitors with Ordered Mesoporous Carbon Electrodes. ACS Applied Materials & Interfaces, 2022, 14, 20349-20357.	4.0	7
1134	Mesoporous poorly crystalline γ -Fe ₂ O ₃ with abundant oxygen vacancies and acid sites for ozone decomposition. Science of the Total Environment, 2022, 804, 150161.	3.9	47
1135	Nature of the Pt-Cobalt-Oxide surface interaction and its role in the CO ₂ Methanation. Applied Surface Science, 2022, 571, 151326.	3.1	23
1136	Activity manifestation via architectural manipulation by cubic silica-derived Co ₃ O ₄ electrocatalysts towards bifunctional oxygen electrode performance. New Journal of Chemistry, 2021, 45, 16913-16925.	1.4	5
1137	Ordered mesoporous ZnGa ₂ O ₄ for photocatalytic hydrogen evolution. Materials Chemistry Frontiers, 2021, 5, 5790-5797.	3.2	6
1138	Hydrogenation of dimethyl oxalate to ethylene glycol over Cu/KIT-6 catalysts. Catalysis Science and Technology, 2021, 11, 2403-2413.	2.1	14
1139	Ordered Mesoporous Materials. , 0, , 277-300.		4
1141	Hierarchical Carbide-Derived Carbon Foams with Advanced Mesostructure as a Versatile Electrochemical Energy Storage Material. Advanced Energy Materials, 2014, 4, 1300645.	10.2	96
1142	Microporous and Mesoporous Materials from Natural and Inexpensive Sources. , 2017, , 1-22.		9
1143	Hybridized Graphitic Carbon Nitride (g-CN) as High Performance VOCs Sensor. Materials Horizons, 2020, , 285-302.	0.3	7
1144	Rational Design of Monodisperse Mesoporous Silica Nanoparticles for Phytase Immobilization. ACS Omega, 2020, 5, 30237-30242.	1.6	6
1145	An excellent humidity sensor based on In ₂ SnO ₂ loaded mesoporous graphitic carbon nitride. Journal of Materials Chemistry A, 2017, 5, 14134-14143.	5.2	120
1146	Hierarchical Porous Carbon with Interconnected Ordered Pores from Biowaste for High-Performance Supercapacitor Electrodes. Nanoscale Research Letters, 2020, 15, 88.	3.1	30
1147	Reflective optical fiber sensor based on light polarization modulation for hydrogen sensing. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3471.	0.9	10
1148	Acid-functionalized Mesoporous Silicate (KIT-5-Pr-SO ₃ H) Synthesized as an Efficient and Nanocatalyst for Green Multicomponent. Current Organic Synthesis, 2019, 16, 145-153.	0.7	6

#	ARTICLE	IF	CITATIONS
1149	Effect of acid catalysts on carbonization temperatures for ordered mesoporous carbon materials. Carbon Letters, 2016, 20, 66-71.	3.3	10
1150	Ordered mesoporous photocatalysts for CO ₂ photoreduction. Journal of Materials Chemistry A, 2021, 9, 26430-26453.	5.2	27
1151	Enhanced oxygen evolution activity on mesoporous cobalt-iron oxides. Chemical Communications, 2021, 57, 11843-11846.	2.2	11
1152	The Exploration of Sensitive Factors for the Selective Hydrogenation of Î±-Pinene Over Recyclable Ni-B/KIT-6 Catalyst. Catalysis Letters, 2022, 152, 2352-2365.	1.4	2
1153	Use of Self-Assembled Surfactants for Nanomaterials Synthesis. , 2008, , 27-51.		1
1155	Synthesis Strategies and Emerging Catalytic Applications of Siliceous Materials with Hierarchically Ordered Porosity. , 2017, , 189-215.		0
1156	CHAPTER 2. Zeolite and Silica-based CO ₂ Adsorbents. Inorganic Materials Series, 2018, , 76-152.	0.5	1
1157	Niedertemperatur-Pellistoren mit Au-Pd-imprÄgniertem mesoporÄsem Co ₃ O ₄ als katalytische Schicht. TM Technisches Messen, 2020, 87, 514-522.	0.3	1
1158	Ni _{0.5} Mo _{0.5} Fe ₂ O ₄ (MÄ‰=Ä‰Cu, Zn) Ferrites Hosted in Nanoporous Carbon from Waste Materials as Catalysts for Hydrogen Production. Waste and Biomass Valorization, 2021, 12, 1371-1384.	1.8	5
1159	Effect of solvent polarity in formation of perfectly ordered CMK-3 and CMK-5 carbon replicas by precipitation polycondensation of furfuryl alcohol. Microporous and Mesoporous Materials, 2022, 329, 111542.	2.2	7
1160	A new high-performance rechargeable alkaline Zn battery based on mesoporous nitrogen-doped oxygen-deficient hematite. Science China Materials, 2022, 65, 920-928.	3.5	9
1161	Novel Vanadia/meso-Co ₃ O ₄ catalysts for the conversion of benzeneÄ‰tolueneÄ‰xylene to environmental friendly components via catalytic oxidation. Environmental Technology (United Kingdom), 2023, 44, 1531-1548.	1.2	2
1162	Nanocast nitrogen-containing ordered mesoporous carbons from glucosamine for selective CO ₂ capture. Materials Today Sustainability, 2022, 17, 100089.	1.9	9
1163	Plasmonic MoO ₂ embedded MoNi ₄ nanosheets prepared by NiMoO ₄ transformation for visible-light-enhanced 4-nitrophenol reduction. Dalton Transactions, 2021, 50, 17235-17240.	1.6	2
1164	Effects of coexisting oxoanions on SO ₃ decomposition activity of molten-phase potassium metavanadate catalysts. Journal of the Ceramic Society of Japan, 2022, 130, 107-112.	0.5	1
1165	Enhanced Catalytic Performance of Fenton-Like Reaction: Dependence on Meso-Structure and Cu-Ce Interaction. Catalysis Letters, 2022, 152, 2947-2955.	1.4	5
1166	Incorporation of Cu/Ni in Ordered Mesoporous CoÄ‰Based Spinel to Facilitate Oxygen Evolution and Reduction Reactions in Alkaline Media and Aprotic LiÄ‰O ₂ Batteries. ChemSusChem, 2021, , .	3.6	9
1167	Unveiling the Genesis and Effectiveness of Negative Fading in Nanostructured Iron Oxide Anode Materials for Lithium-Ion Batteries. ACS Nano, 2022, 16, 631-642.	7.3	64

#	ARTICLE	IF	CITATIONS
1168	Zeolite supported Pd catalysts for the complete oxidation of methane: A critical review. <i>Applied Catalysis A: General</i> , 2022, 633, 118534.	2.2	22
1169	Ordered Large-Pore Mesoporous ZnCr ₂ O ₄ with Ultrathin Crystalline Frameworks for Highly Sensitive and Selective Detection of Ppb-Level P-Xylene. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1170	Experimental and theoretical study of ZrMo-KIT-6 solid acid catalyst with abundant Brønsted acid sites. <i>RSC Advances</i> , 2022, 12, 9310-9322.	1.7	3
1171	Effect of the Ag ⁺ /CeO ₂ interaction and the nature of pore structure on the catalytic activities of different Ag ⁺ /CeO ₂ /mesoporous-SiO ₂ catalysts on the reduction of 4-nitrophenol. <i>Journal of Porous Materials</i> , 2022, 29, 893-906.	1.3	3
1172	Immobilization of palladium on benzimidazole functionalized mesoporous silica nanoparticles: catalytic efficacy in Suzuki–Miyaura reaction and nitroarenes reduction. <i>Journal of Porous Materials</i> , 0, , 1.	1.3	4
1173	From Deep Eutectic Solvents to Nitrogen-Rich Ordered Mesoporous Carbons: A Powerful Host for the Immobilization of Palladium Nanoparticles in the Aerobic Oxidation of Alcohols. <i>ChemCatChem</i> , 2022, 14, .	1.8	5
1174	Glycerol acetalization over highly ordered mesoporous molybdenum dioxide: Excellent catalytic performance, recyclability and water-tolerance. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 107, 354-364.	2.9	3
1175	Production of hydrogen via methanol steam reforming over mesoporous CeO ₂ -Cu/KIT-6 nanocatalyst: Effects of polar aprotic tetrahydrofuran solvent and ZrO ₂ promoter on catalytic performance. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 16362-16374.	3.8	16
1176	Mesoporous LaCoO ₃ perovskite oxide with high catalytic performance for NO storage and reduction. <i>Journal of Hazardous Materials</i> , 2022, 431, 128528.	6.5	12
1177	Pore structure of ordered mesoporous Pt-CeO ₂ probed by CO via VT-DRIFTS. <i>Applied Surface Science</i> , 2022, 588, 152866.	3.1	15
1178	Design and synthesis of Fe ₃ O ₄ @SiO ₂ @KIT-6@DTZ-Pd ₀ as a new and efficient mesoporous magnetic catalyst in carbon–carbon cross-coupling reactions. <i>Scientific Reports</i> , 2021, 11, 23967.	1.6	7
1179	Spherical Silica Modified with Magnesium and Ruthenium—Synthesis, Characterization and Catalytic Properties. <i>Materials</i> , 2021, 14, 7378.	1.3	1
1180	Deposition of poly(furfuryl alcohol) in mesoporous silica template controlled by solvent polarity: A cornerstone of facile and versatile synthesis of high-quality CMK-type carbon replicas. <i>Nanocasting of SBA-15, SBA-16, and KIT-6. Carbon</i> , 2022, 195, 292-307.	5.4	7
1181	Three-dimensional ordered mesoporous Co ₃ O ₄ /peroxymonosulfate triggered nanoconfined heterogeneous catalysis for rapid removal of ranitidine in aqueous solution. <i>Chemical Engineering Journal</i> , 2022, 443, 136495.	6.6	34
1182	Defect-Engineered Hydroxylated Mesoporous Spinel Oxides as Bifunctional Electrocatalysts for Oxygen Reduction and Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23307-23321.	4.0	33
1183	Ordered large-pore mesoporous ZnCr ₂ O ₄ with ultrathin crystalline frameworks for highly sensitive and selective detection of ppb-level p-xylene. <i>Sensors and Actuators B: Chemical</i> , 2022, 365, 131964.	4.0	5
1184	Preparation of porous silica from natural chlorite via selective acid leaching and its application in methylene blue adsorption. <i>Journal of Central South University</i> , 2022, 29, 1173-1184.	1.2	6
1185	Mesoporous molecular sieve-based materials for catalytic oxidation of VOC: A review. <i>Journal of Environmental Sciences</i> , 2023, 125, 112-134.	3.2	53

#	ARTICLE	IF	CITATIONS
1186	Graphene-Based Metal Oxide Nanocomposites for Gas Sensing Application. International Journal of Applied Engineering and Management Letters, 0, , 98-115.	0.0	1
1187	Engineering mesoporous silica nanoparticles for drug delivery: where are we after two decades?. Chemical Society Reviews, 2022, 51, 5365-5451.	18.7	138
1188	Metastable Phase-Controlled Synthesis of Mesoporous Molybdenum Carbides for Efficient Alkaline Hydrogen Evolution. ACS Catalysis, 2022, 12, 7415-7426.	5.5	27
1189	Catalyst characterization and catalytic evaluation of 3wt%Al-KIT-6 toward biomass-derived β -valerolactone decarboxylation to butene. Fuel, 2022, 324, 124815.	3.4	4
1190	CuO modified KIT-6 as a high-efficiency catalyst for energy-efficient amine solvent regeneration. Separation and Purification Technology, 2022, 300, 121702.	3.9	20
1191	Steam reforming of guaiacol and n-hexanol for production of hydrogen: Effects of aromatic and aliphatic structures on properties of the coke. Molecular Catalysis, 2022, 528, 112498.	1.0	3
1192	Evaluation of the effect of Si/Mo and oil/alcohol ratios in the production of biodiesel from soybean oil. Arabian Journal of Chemistry, 2022, 15, 104074.	2.3	10
1193	Coupling reactions induced by ionic palladium species deposited onto porous support materials. Coordination Chemistry Reviews, 2022, 470, 214696.	9.5	11
1194	General Surface-Casting Synthesis of Mesoporous Metal Oxides with Hollow Structures and Ultrahigh Surface Areas. Chemistry of Materials, 2022, 34, 7042-7057.	3.2	12
1195	CeO ₂ @PU sandwiched in chitosan and cellulose acetate layer as Cs-CeO ₂ @PU-CA triple-layered membrane for chromium removal. Environmental Science and Pollution Research, 2023, 30, 42679-42696.	2.7	2
1196	Fundamentals of hydrogen storage in nanoporous materials. Progress in Energy, 2022, 4, 042013.	4.6	18
1197	Manganese doped Ceria (Ce _{1-x} Mn _x O ₂) (x=0.3) catalysts synthesized by EDTA-Citrate method for soot oxidation activity. Chemical Papers, 2022, 76, 7095-7110.	1.0	5
1198	Enhanced activity of bimetallic Pd-Ni nanoparticles on KIT-6 for production of hydrogen from dodecahydro-N-ethylcarbazole. Fuel, 2022, 329, 125473.	3.4	9
1199	Facile synthesis of mesoporous carbon materials with a three-dimensional ordered mesostructure and rich Fe _N /C-S-C sites for efficient electrocatalytic oxygen reduction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 654, 130103.	2.3	2
1200	Acidic [(Ti, Si)O ₄] of Ts-1 Molecular Sieves Facilitated Aldehyde Stable Production from Gas-Glycerol Dehydration: Using Liquid Feed of Glycerol-Methanol Solution. SSRN Electronic Journal, 0, , .	0.4	0
1201	Formation of a super-dense hydrogen monolayer on mesoporous silica. Nature Chemistry, 2022, 14, 1319-1324.	6.6	11
1202	Sustainable Aviation Fuel from Syngas through Higher Alcohols. ChemCatChem, 2022, 14, .	1.8	3
1203	Isolating Contiguous Ir Atoms and Forming Ir ₂ W Intermetallics with Negatively Charged Ir for Efficient NO Reduction by CO. Advanced Materials, 2022, 34, .	11.1	21

#	ARTICLE	IF	CITATIONS
1204	The environmentally friendly approaches based on the heterojunction interface of the LaFeO ₃ /Fe ₂ O ₃ @g-C ₃ N ₄ composite for the disposable and laboratory sensing of triclosan. <i>Science of the Total Environment</i> , 2023, 857, 159250.	3.9	8
1205	Synthesis, Characterization and Photocatalytic Activity of CoFe ₂ O ₄ /Fe ₂ O ₃ Dispersed in Mesoporous KIT-6. <i>Nanomaterials</i> , 2022, 12, 3566.	1.9	3
1206	Surface Modification by Amino Group Inducing for Highly Efficient Catalytic Oxidation of Toluene over a Pd/KIT-6 Catalyst. <i>ACS Omega</i> , 2022, 7, 39950-39958.	1.6	4
1207	Block Copolymer Self-Assembly Directed Synthesis of Porous Materials with Ordered Bicontinuous Structures and Their Potential Applications. <i>Advanced Materials</i> , 2023, 35, .	11.1	30
1208	Enhancing OER Activity of Ni/Co Oxides via Fe/Mn Substitution within Tailored Mesoporous Frameworks. <i>ACS Applied Energy Materials</i> , 2022, 5, 13385-13397.	2.5	13
1209	Ni and Ce Grafted Ordered Mesoporous Silica KIT-6 for CO ₂ Adsorption. <i>Catalysts</i> , 2022, 12, 1339.	1.6	2
1210	High temperature capture of low concentration CO ₂ by Na/Ca-doped lithium orthosilicate with KIT-6 as precursor. <i>Materials Today Communications</i> , 2022, 33, 104685.	0.9	0
1211	Fabrication of 3D ordered mesoporous nickel phosphide for efficient hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 3013-3025.	3.8	3
1212	One-Pot Synthesis of Aminated Bimodal Mesoporous Silica Nanoparticles as Silver-Embedded Antibacterial Nanocarriers and CO ₂ Capture Sorbents. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 52279-52288.	4.0	4
1213	Doping of Nanostructured Co ₃ O ₄ with Cr, Mn, Fe, Ni, and Cu for the Selective Oxidation of 2-Propanol. <i>ACS Applied Nano Materials</i> , 2022, 5, 17783-17794.	2.4	2
1214	Ag Nanostructures Decorated KIT-6 Meso-Composites for Catalytic Degradation of Nitroaromatics. <i>Topics in Catalysis</i> , 0, , .	1.3	0
1215	Immobilization of <i>Candida Rugosa</i> lipase on Ca/KIT-6 used as bifunctional biocatalysts for the transesterification of coconut oil to biodiesel. <i>Molecular Catalysis</i> , 2022, 533, 112793.	1.0	3
1216	Fast synthesis of K-4Al catalyst with acid sites for catalyzing biomass-derived γ -valerolactone to butene. <i>Molecular Catalysis</i> , 2022, 533, 112798.	1.0	2
1217	Selective dehydration of glycerol to acrolein over mesoporous WO ₃ -KIT-6: effects of mesoporosity and acidity. <i>Journal of Porous Materials</i> , 2023, 30, 835-845.	1.3	2
1218	Highly ordered mesoporous MnO _x catalyst for the NH ₃ -SCR of NO _x at low temperatures. <i>Applied Catalysis A: General</i> , 2023, 649, 118966.	2.2	13
1219	New insights in single-step hydrodeoxygenation of glycerol to propylene by coupling rational catalyst design with systematic analysis. <i>Applied Catalysis B: Environmental</i> , 2023, 324, 122280.	10.8	6
1220	TS-1 Molecular Sieves Facilitated Aldehyde Stable Production from Gas-Glycerol Dehydration: Using Liquid Feed of Glycerol-Methanol Solution. <i>Catalysis Letters</i> , 2023, 153, 3480-3491.	1.4	0
1221	One Pot Synthesis of Cubic Mesoporous Silica KIT-6 Functionalized with Sulfonic Acid for Catalytic Dehydration of Fructose to 5-Hydroxymethylfurfural. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1

#	ARTICLE	IF	CITATIONS
1222	Preparation of Hydrocarbon Rich Biofuel from Cracking of Waste Cooking Oil Catalyzed by Basic Mesoporous Molecular Sieve Me-KIT-6. <i>Catalysis Letters</i> , 0, , .	1.4	0
1223	Mesoporous Co ₃ O ₄ -Modified Gel Polymer Electrolyte Applied in Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 15548-15558.	2.5	3
1224	Titanium(IV) Surface Complexes Bearing Chelating Catecholato Ligands for Enhanced Band-Gap Reduction. <i>Inorganic Chemistry</i> , 2023, 62, 715-729.	1.9	3
1225	Facile synthesis of ordered mesoporous molybdenum carbide electrocatalysts for high-performance hydrogen evolution reaction. <i>Electroanalysis</i> , 2023, 35, .	1.5	1
1226	Engineered silica nanomaterials in pesticide delivery: Challenges and perspectives. <i>Environmental Pollution</i> , 2023, 320, 121045.	3.7	14
1227	Experimental and modelling studies of carbon dioxide capture onto pristine, nitrogen-doped, and activated ordered mesoporous carbons. <i>RSC Advances</i> , 2023, 13, 973-989.	1.7	1
1228	Catalytic Performance and Kinetic Modeling of <i>n</i> -Butane Isomerization over Metal Bearing Silicotungstic Acid Supported on Mesoporous KIT-6. <i>Industrial & Engineering Chemistry Research</i> , 2023, 62, 1322-1337.	1.8	2
1229	Synthesis, characterization, and use of nanocast LaMnO ₃ perovskites in the catalytic production of imine by the gas-phase oxidative coupling of benzyl alcohol to aniline. <i>Catalysis Communications</i> , 2023, 175, 106606.	1.6	2
1230	Plasma-assisted low temperature ammonia decomposition on 3d transition metal (Fe, Co and Ni) doped CeO ₂ catalysts: Synergetic effect of morphology and co-doping. <i>Fuel Processing Technology</i> , 2023, 244, 107695.	3.7	8
1231	Template-based synthesis of Co ₃ O ₄ and Co ₃ O ₄ /SnO ₂ bifunctional catalysts with enhanced electrocatalytic properties for reversible oxygen evolution and reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 27568-27581.	3.8	4
1232	Mesoporous silica nanoparticles: Their potential as drug delivery carriers and nanoscavengers in Alzheimer's and Parkinson's diseases. <i>Saudi Pharmaceutical Journal</i> , 2023, 31, 417-432.	1.2	5
1233	Novel Technological Paradigm of the Application of Carbon Dioxide as a C1 Synthone in Organic Chemistry: I. Synthesis of Hydroxybenzoic Acids, Methanol, and Formic Acid. <i>Russian Journal of Organic Chemistry</i> , 2022, 58, 1681-1711.	0.3	2
1234	Preparation and CO ₂ capture performances of KIT-6@reduced graphene oxide composites. <i>Journal of Porous Materials</i> , 0, , .	1.3	0
1235	Synthesis and applications of polymer cubosomes and hexosomes. <i>Journal of Polymer Science</i> , 2023, 61, 1196-1213.	2.0	4
1236	Pseudocapacitive behavior of mesoporous tungsten oxide in aqueous Zn ²⁺ electrolyte. <i>Korean Journal of Chemical Engineering</i> , 2023, 40, 1353-1359.	1.2	4
1237	Nickel Oxide Nanoparticles on KIT-6: An Efficient Catalyst in Methane Combustion. <i>Processes</i> , 2023, 11, 1004.	1.3	0
1238	One-pot acid-base catalysed tandem reactions using a bimodal N, S-doped cubic mesoporous carbon. <i>Green Chemistry</i> , 2023, 25, 4076-4089.	4.6	8
1239	Selective Discrimination between CO and H ₂ with Copper-Ceria-Resistive Gas Sensors. <i>ACS Sensors</i> , 2023, 8, 1616-1623.	4.0	7

#	ARTICLE	IF	CITATIONS
1240	Metal Encapsulation-Driven Strong Metal-Support Interaction on Pt/Co ₃ O ₄ during CO Oxidation. ACS Catalysis, 2023, 13, 5326-5335.	5.5	14
1241	A Systematic Approach to Understanding and Optimizing the CO ₂ Capture Performance of Triamine-Functionalized Mesoporous Silica with Amine Blends Using Molecular Simulations. Journal of Physical Chemistry C, 2023, 127, 7410-7424.	1.5	1
1242	A Visible-Light-Enhanced Heterogeneous Photo Degradation of Tetracycline by a Nano-LaFeO ₃ Catalyst with the Assistance of Persulfate. Nanomaterials, 2023, 13, 1388.	1.9	1
1243	Formation of nano-rod structures in manganese-rich ceria-manganese mixed oxides and their soot oxidation activity. Nano Structures Nano Objects, 2023, 34, 100970.	1.9	2
1260	Semiconductor Nanostructures and Synthesis Techniques. , 2023, , 1-28.		0
1264	Multifunctional mesoporous silica nanoparticles for biomedical applications. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	7
1270	Synthesis Methods of Mesoporous Carbon-Based Materials. , 2024, , 17-79.		0
1280	Guidelines for the Design of Solid CO ₂ Adsorbents for Mobile Carbon Capture in Heavy-Duty Vehicles: A Review. Korean Journal of Chemical Engineering, 2024, 41, 25-42.	1.2	0