

Yongde Xia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

141 papers	8,154 citations	49 h-index	88 g-index
149 ext. papers	9,068 ext. citations	7.1 avg, IF	6.39 L-index

#	Paper	IF	Citations
141	Metal-organic framework derived multi-functionalized and co-doped TiO ₂ /C nanocomposites for excellent visible-light photocatalysis. <i>Journal of Materials Science and Technology</i> , 2022 , 101, 49-59	9.1	3
140	Enrichment of low concentration methane: an overview of ventilation air methane. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 6397-6413	13	1
139	Chemoselective hydrogenation of cinnamaldehyde over amorphous coordination polymer supported Pt-Co bimetallic nanocatalyst. <i>Chemical Physics Letters</i> , 2022 , 139683	2.5	2
138	An in situ investigation of the thermal decomposition of metal-organic framework NH ₂ -MIL-125 (Ti). <i>Microporous and Mesoporous Materials</i> , 2021 , 316, 110957	5.3	12
137	Recent Advances in Metal-Organic Frameworks Derived Nanocomposites for Photocatalytic Applications in Energy and Environment. <i>Advanced Science</i> , 2021 , 8, e2100625	13.6	31
136	In-situ synthesis of Metal Organic Frameworks (MOFs)-PA12 powders and their laser sintering into hierarchical porous lattice structures. <i>Additive Manufacturing</i> , 2021 , 38, 101774	6.1	3
135	Porous ceramics: Light in weight but heavy in energy and environment technologies. <i>Materials Science and Engineering Reports</i> , 2021 , 143, 100589	30.9	41
134	Surface functionalized N-C-TiO ₂ /C nanocomposites derived from metal-organic framework in water vapour for enhanced photocatalytic H ₂ generation. <i>Journal of Energy Chemistry</i> , 2021 , 57, 485-495	12	19
133	Bimetal-organic framework derived multi-heterostructured TiO ₂ /Cu ₂ O/C nanocomposites with superior photocatalytic H ₂ generation performance. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 4103-4116	13	13
132	Multifunctional porous SiC nanowire scaffolds. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 3970-3979	30.7	2
131	Efficient degradation of phenolic wastewaters by a novel Ti/PbO ₂ -Cr-PEDOT electrode with enhanced electrocatalytic activity and chemical stability. <i>Separation and Purification Technology</i> , 2021 , 119735	8.3	1
130	Bimetallic Fe-Mo sulfide/carbon nanocomposites derived from phosphomolybdic acid encapsulated MOF for efficient hydrogen generation. <i>Journal of Materials Science and Technology</i> , 2021 , 84, 76-85	9.1	7
129	One-step self-assembly of lamellar MWW crystals through intergrowth driven by centrifugal force to form hollowest structure Zeolite. <i>Microporous and Mesoporous Materials</i> , 2021 , 312, 110788	5.3	1
128	Concentration of unconventional methane resources using microporous membranes: Process assessment and scale-up. <i>Journal of Natural Gas Science and Engineering</i> , 2020 , 81, 103420	4.6	3
127	High Efficiency Electrochemical Degradation of Phenol Using a Ti/PbO ₂ -Bi-PTh Composite Electrode. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 143506	3.9	2
126	Polyoxometallates@zeolitic-imidazolate-framework derived bimetallic tungsten-cobalt sulfide/porous carbon nanocomposites as efficient bifunctional electrocatalysts for hydrogen and oxygen evolution. <i>Electrochimica Acta</i> , 2020 , 330, 135335	6.7	29
125	Iron Oxide Nanoneedles Anchored on N-Doped Carbon Nanoarrays as an Electrode for High-Performance Hybrid Supercapacitor. <i>ACS Applied Energy Materials</i> , 2020 , 3, 12162-12171	6.1	10

124	Hydrogen adsorption properties of in-situ synthesized Pt-decorated porous carbons templated from zeolite EMC-2. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 25086-25095	6.7	4
123	Mild-temperature hydrogenation of carbonyls over Co-ZIF-9 derived Co-ZIF-x nanoparticle catalyst. <i>Molecular Catalysis</i> , 2020 , 495, 111149	3.3	1
122	Ultralight three-dimensional, carbon-based nanocomposites for thermal energy storage. <i>Journal of Materials Science and Technology</i> , 2020 , 36, 70-78	9.1	15
121	Porous ZnO/Carbon nanocomposites derived from metal organic frameworks for highly efficient photocatalytic applications: A correlational study. <i>Carbon</i> , 2019 , 146, 348-363	10.4	49
120	The Low Dimensional Co-Based Nanorods as a Novel Platform for Selective Hydrogenation of Cinnamaldehyde. <i>Catalysis Letters</i> , 2019 , 149, 2906-2915	2.8	2
119	Selective hydrogenation of nitroarenes over MOF-derived Co@CN catalysts at mild conditions. <i>Molecular Catalysis</i> , 2019 , 472, 27-36	3.3	31
118	Carbon nanotube reinforced nanocomposites for energy conversion and storage. <i>Journal of Power Sources</i> , 2019 , 443, 227277	8.9	5
117	One-step synthesis of hybrid zeolite with exceptional hydrophobicity to accelerate the interfacial reaction at low temperature. <i>Microporous and Mesoporous Materials</i> , 2019 , 280, 195-202	5.3	13
116	SiC Nanowire Sponges as Electropressure Sensors. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7540-7548	5.6	5
115	Mesoporous Ce ₂ Zr ₂ O ₇ /PbS Nanocomposite with an Excellent Supercapacitor Electrode Performance and Cyclic Stability. <i>ChemistrySelect</i> , 2019 , 4, 655-661	1.8	10
114	Magnetic Anchored CoPt Bimetallic Nanoparticles as Selective Hydrogenation Catalyst for Cinnamaldehyde. <i>Catalysis Letters</i> , 2019 , 149, 851-859	2.8	12
113	investigations of the phase change behaviour of tungsten oxide nanostructures. <i>Royal Society Open Science</i> , 2018 , 5, 171932	3.3	39
112	Ce-Doped bundled ultrafine diameter tungsten oxide nanowires with enhanced electrochromic performance. <i>Nanoscale</i> , 2018 , 10, 4718-4726	7.7	20
111	The preparation of SiC nanowires reinforced porous carbon nanocomposites by a simple method. <i>Materials Chemistry and Physics</i> , 2018 , 219, 258-262	4.4	4
110	One-step construction of porous Ni/Co metal/oxide nanocubes for highly efficient oxygen evolution. <i>Electrochemistry Communications</i> , 2018 , 93, 191-196	5.1	6
109	MOF Derived Porous ZnO/C Nanocomposites for Efficient Dye Photodegradation. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4695-4707	6.1	41
108	Lanthanide-doped W ₁₈ O ₄₉ nanowires: Synthesis, structure and optical properties. <i>Materials Letters</i> , 2018 , 214, 232-235	3.3	3
107	Heteroatom-doped porous carbons with enhanced carbon dioxide uptake and excellent methylene blue adsorption capacities. <i>Microporous and Mesoporous Materials</i> , 2018 , 257, 1-8	5.3	47

106	Highly stable mesoporous CeO ₂ /CeS ₂ nanocomposite as electrode material with improved supercapacitor electrochemical performance. <i>Ceramics International</i> , 2018 , 44, 22262-22270	5.1	28
105	Recent progress in chromogenic research of tungsten oxides towards energy-related applications. <i>Progress in Materials Science</i> , 2017 , 88, 281-324	42.2	72
104	Tracing the Bioavailability of Three-Dimensional Graphene Foam in Biological Tissues. <i>Materials</i> , 2017 , 10,	3.5	19
103	A generic method to synthesise graphitic carbon coated nanoparticles in large scale and their derivative polymer nanocomposites. <i>Scientific Reports</i> , 2017 , 7, 11829	4.9	10
102	Low Temperature Annealing Improves the Electrochromic and Degradation Behavior of Tungsten Oxide (WO _x) Thin Films. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 20498-20506	3.8	18
101	Novel graphitic carbon coated IF-WS ₂ reinforced poly(ether ether ketone) nanocomposites. <i>RSC Advances</i> , 2017 , 7, 35265-35273	3.7	16
100	Interface and properties of inorganic fullerene tungsten sulphide nanoparticle reinforced poly(ether ether ketone) nanocomposites. <i>Results in Physics</i> , 2017 , 7, 2417-2424	3.7	9
99	How the Toughest Inorganic Fullerene Cages Absorb Shockwave Pressures in a Protective Nanocomposite: Experimental Evidence from Two In Situ Investigations. <i>ACS Nano</i> , 2017 , 11, 8114-8121	16.7	16
98	Permeability studies on 3D Ni foam/graphene composites. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 385303	3	
97	Metal-organic-frameworks derived cobalt embedded in various carbon structures as bifunctional electrocatalysts for oxygen reduction and evolution reactions. <i>Scientific Reports</i> , 2017 , 7, 5266	4.9	53
96	Improved hydrogen release from ammonia borane confined in microporous carbon with narrow pore size distribution. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 15395-15400	13	22
95	Tungsten disulphide nanorattle: A new type of high performance electrocatalyst for hydrogen evolution reaction. <i>Journal of Power Sources</i> , 2016 , 307, 593-598	8.9	25
94	From graphene to silicon carbide: ultrathin silicon carbide flakes. <i>Nanotechnology</i> , 2016 , 27, 075602	3.4	48
93	Ultralight, Strong, Three-Dimensional SiC Structures. <i>ACS Nano</i> , 2016 , 10, 1871-6	16.7	56
92	A Systematic Study on the Preparation and Hydrogen Storage of Zeolite 13X-Templated Microporous Carbons. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2152-2158	2.3	8
91	Metal-organic-framework-derived bi-metallic sulfide on N, S-codoped porous carbon nanocomposites as multifunctional electrocatalysts. <i>Journal of Power Sources</i> , 2016 , 334, 112-119	8.9	57
90	Black-colored ZnO nanowires with enhanced photocatalytic hydrogen evolution. <i>Nanotechnology</i> , 2016 , 27, 22LT01	3.4	12
89	Tribological performance of Graphene/Carbon nanotube hybrid reinforced Al ₂ O ₃ composites. <i>Scientific Reports</i> , 2015 , 5, 11579	4.9	79

88	Role of synthesis method on microstructure and mechanical properties of graphene/carbon nanotube toughened Al ₂ O ₃ nanocomposites. <i>Ceramics International</i> , 2015 , 41, 9813-9822	5.1	29
87	Designing 3D graphene networks via a 3D-printed Ni template. <i>RSC Advances</i> , 2015 , 5, 29397-29400	3.7	23
86	Controlled in situ synthesis of graphene oxide/zeolitic imidazolate framework composites with enhanced CO ₂ uptake capacity. <i>RSC Advances</i> , 2015 , 5, 30464-30471	3.7	44
85	Atomically homogeneous dispersed ZnO/N-doped nanoporous carbon composites with enhanced CO ₂ uptake capacities and high efficient organic pollutants removal from water. <i>Carbon</i> , 2015 , 95, 113-124	10.4	39
84	Three dimensional (3D) flexible graphene foam/polypyrrole composite: towards highly efficient supercapacitors. <i>RSC Advances</i> , 2015 , 5, 3999-4008	3.7	41
83	Graphene and carbon nanotube (GNT)-reinforced alumina nanocomposites. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 179-186	6	98
82	Cobalt sulfide/N,S codoped porous carbon core-shell nanocomposites as superior bifunctional electrocatalysts for oxygen reduction and evolution reactions. <i>Nanoscale</i> , 2015 , 7, 20674-84	7.7	235
81	Preparation of 3D graphene-based architectures and their applications in supercapacitors. <i>Progress in Natural Science: Materials International</i> , 2015 , 25, 554-562	3.6	77
80	Hofmeister anion effect on the formation of ZIF-8 with tuneable morphologies and textural properties from stoichiometric precursors in aqueous ammonia solution. <i>RSC Advances</i> , 2014 , 4, 47421-47428	3.7	14
79	Preparation and carbon dioxide uptake capacity of N-doped porous carbon materials derived from direct carbonization of zeolitic imidazolate framework. <i>Carbon</i> , 2014 , 79, 213-226	10.4	118
78	Ultra-toughened nylon 12 nanocomposites reinforced with IF-WS ₂ . <i>Nanotechnology</i> , 2014 , 25, 325701	3.4	27
77	Zeolitic imidazolate framework materials: recent progress in synthesis and applications. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16811-16831	13	537
76	A cost-effective method for the synthesis of zeolitic imidazolate framework-8 materials from stoichiometric precursors via aqueous ammonia modulation at room temperature. <i>Microporous and Mesoporous Materials</i> , 2014 , 193, 7-14	5.3	36
75	Continuous Production of IF-WS ₂ Nanoparticles by a Rotary Process. <i>Inorganics</i> , 2014 , 2, 313-333	2.9	12
74	A simple method for the production of highly ordered porous carbon materials with increased hydrogen uptake capacities. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 5039-5052	6.7	18
73	Multi-walled carbon/IF-WS ₂ nanoparticles with improved thermal properties. <i>Nanoscale</i> , 2013 , 5, 10504-10510	4.9	16
72	Preparation and gases storage capacities of N-doped porous activated carbon materials derived from mesoporous polymer. <i>Materials Chemistry and Physics</i> , 2013 , 141, 318-323	4.4	22
71	A highly efficient and versatile carbon nanotube/ceramic composite filter. <i>Carbon</i> , 2013 , 54, 215-223	10.4	45

70	Porous carbon-based materials for hydrogen storage: advancement and challenges. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 9365	13	230
69	Growth of Bamboo-Shaped Carbon Nanostructures on Carbon Fibre by Chemical Vapor Deposition. <i>Applied Mechanics and Materials</i> , 2013 , 465-466, 927-931	0.3	3
68	Patterned growth of tungsten oxide and tungsten oxynitride nanorods from Au-coated W foil. <i>Nanoscale</i> , 2012 , 4, 7031-7	7.7	15
67	Preparation of sulfur-doped microporous carbons for the storage of hydrogen and carbon dioxide. <i>Carbon</i> , 2012 , 50, 5543-5553	10.4	177
66	Superior CO ₂ Adsorption Capacity on N-doped, High-Surface-Area, Microporous Carbons Templated from Zeolite. <i>Advanced Energy Materials</i> , 2011 , 1, 678-683	21.8	297
65	A simplified synthesis of N-doped zeolite-templated carbons, the control of the level of zeolite-like ordering and its effect on hydrogen storage properties. <i>Carbon</i> , 2011 , 49, 844-853	10.4	84
64	Templated Porous Carbon Materials: Recent Developments 2010 , 217-264		3
63	Templated nanoscale porous carbons. <i>Nanoscale</i> , 2010 , 2, 639-59	7.7	277
62	CVD Nanocasting Routes to Zeolite-Templated Carbons for Hydrogen Storage. <i>Chemical Vapor Deposition</i> , 2010 , 16, 322-328		30
61	THERMAL PROCESSING OF BUNDLED TUNGSTEN OXIDE NANOWIRES. <i>International Journal of Modern Physics B</i> , 2009 , 23, 1541-1547	1.1	2
60	Microporosity in Mesoporous SBA-15 Supports: A Factor Influencing the Catalytic Performance of Immobilized Metalloporphyrin. <i>Topics in Catalysis</i> , 2009 , 52, 1098-1104	2.3	6
59	Fe-Assisted Synthesis of Si Nanowires. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1286-1292	3.8	12
58	Hydrogen storage in high surface area carbons: experimental demonstration of the effects of nitrogen doping. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16493-9	16.4	153
57	Mesoporous MCM-48 Aluminosilica Oxynitrides: Synthesis and Characterization of Bifunctional Solid Acid-Base Materials. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1455-1462	3.8	22
56	Bundled tungsten oxide nanowires under thermal processing. <i>Nanotechnology</i> , 2008 , 19, 305709	3.4	67
55	Preparation and characterization of tungsten oxynitride nanowires. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4436		50
54	Self-Assembled Ultralarge Millimeter-Sized Graphitic Carbon Rods Grown on Mesoporous Silica Substrate. <i>Chemistry of Materials</i> , 2007 , 19, 6317-6322	9.6	5
53	Preparation of versatile silica/carbon nanocomposites via carbonization of ethyl-bridged periodic mesoporous organosilica. <i>Studies in Surface Science and Catalysis</i> , 2007 , 393-396	1.8	0

52	Facile low temperature synthesis of primary amine templated super-microporous aluminosilicates. <i>Studies in Surface Science and Catalysis</i> , 2007 , 519-522	1.8	
51	Enhanced hydrogen storage capacity of high surface area zeolite-like carbon materials. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1673-9	16.4	509
50	Ordered Mesoporous Carbon Monoliths: CVD Nanocasting and Hydrogen Storage Properties. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10035-10039	3.8	84
49	Preparation and hydrogen storage properties of zeolite-templated carbon materials nanocast via chemical vapor deposition: effect of the zeolite template and nitrogen doping. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 18424-31	3.4	217
48	Periodic mesoporous organosilica mesophases are versatile precursors for the direct preparation of mesoporous silica/carbon composites, carbon and silicon carbide materials. <i>Journal of Materials Chemistry</i> , 2006 , 16, 3417		28
47	To stir or not to stir: formation of hierarchical superstructures of molecularly ordered ethylene-bridged periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2006 , 16, 395-400		19
46	Simultaneous Control of Morphology and Porosity in Nanoporous Carbon: Graphitic Mesoporous Carbon Nanorods and Nanotubules with Tunable Pore Size. <i>Chemistry of Materials</i> , 2006 , 18, 140-148	9.6	81
45	Phase diagram and glass transition of confined benzene. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 19735-44	5.44	53
44	Synthesis of mesoporous silica hollow spheres in supercritical CO ₂ /water systems. <i>Journal of Materials Chemistry</i> , 2006 , 16, 1751		63
43	Surfactant mediated control of pore size and morphology for molecularly ordered ethylene-bridged periodic mesoporous organosilica. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 3889-94	3.4	32
42	Molecularly Ordered Ethylene-Bridged Periodic Mesoporous Organosilica Spheres with Tunable Micrometer Sizes. <i>Chemistry of Materials</i> , 2006 , 18, 1141-1148	9.6	49
41	Crystalline-like molecularly ordered mesoporous aluminosilicates derived from aluminosilica-surfactant mesophases via benign template removal. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 9122-31	3.4	27
40	Oxidation of cyclooctane over Mn(TMPyP) porphyrin-exchanged Al,Si-mesoporous molecular sieves of MCM-41 and SBA-15 type. <i>Catalysis Today</i> , 2006 , 114, 287-292	5.3	41
39	Molecularly ordered layered aluminosilicate-surfactant mesophases and their conversion to hydrothermally stable mesoporous aluminosilicates. <i>Microporous and Mesoporous Materials</i> , 2006 , 94, 295-303	5.3	12
38	Aligned N-Doped Carbon Nanotube Bundles Prepared via CVD Using Zeolite Substrates. <i>Chemistry of Materials</i> , 2005 , 17, 4502-4508	9.6	50
37	Generalized and Facile Synthesis Approach to N-Doped Highly Graphitic Mesoporous Carbon Materials. <i>Chemistry of Materials</i> , 2005 , 17, 1553-1560	9.6	174
36	Hollow spheres of crystalline porous metal oxides: A generalized synthesis route via nanocasting with mesoporous carbon hollow shells. <i>Journal of Materials Chemistry</i> , 2005 , 15, 3126		121
35	Bifunctional hybrid mesoporous organoaluminosilicates with molecularly ordered ethylene groups. <i>Journal of the American Chemical Society</i> , 2005 , 127, 790-8	16.4	106

34	Synthesis of siliceous hollow spheres with large mesopore wall structure by supercritical CO ₂ -in-water interface templating. <i>Chemical Communications</i> , 2005 , 210-2	5.8	61
33	Mesostructured aluminosilica oxynitrides: solid acid-base materials prepared via post-synthesis grafting routes. <i>Studies in Surface Science and Catalysis</i> , 2005 , 156, 125-132	1.8	2
32	Hollow shells of high surface area graphitic N-doped carbon composites nanocast using zeolite templates. <i>Microporous and Mesoporous Materials</i> , 2005 , 86, 69-80	5.3	49
31	High surface area ethylene-bridged mesoporous and supermicroporous organosilica spheres. <i>Microporous and Mesoporous Materials</i> , 2005 , 86, 231-242	5.3	33
30	Reply: Mesoporous Zeolite ZSM-5 Nanocast from Mesoporous Carbon Templates. <i>Advanced Materials</i> , 2005 , 17, 2791-2792	24	4
29	Synthesis of hollow spherical mesoporous N-doped carbon materials with graphitic framework. <i>Studies in Surface Science and Catalysis</i> , 2005 , 565-572	1.8	13
28	Porous N-doped carbon with various hollow-cored morphologies nanocast using zeolite templates via chemical vapour deposition. <i>Studies in Surface Science and Catalysis</i> , 2005 , 156, 573-580	1.8	7
27	Structure of liquid and glassy methanol confined in cylindrical pores. <i>Journal of Chemical Physics</i> , 2004 , 121, 1466-73	3.9	63
26	Zeolite ZSM-5 with Unique Supermicropores Synthesized Using Mesoporous Carbon as a Template. <i>Advanced Materials</i> , 2004 , 16, 727-732	24	259
25	Ordered Mesoporous Carbon Hollow Spheres Nanocast Using Mesoporous Silica via Chemical Vapor Deposition. <i>Advanced Materials</i> , 2004 , 16, 886-891	24	189
24	Synthesis of Ordered Mesoporous Carbon and Nitrogen-Doped Carbon Materials with Graphitic Pore Walls via a Simple Chemical Vapor Deposition Method. <i>Advanced Materials</i> , 2004 , 16, 1553-1558	24	331
23	Aluminosilicate MCM-48 materials with enhanced stability via simple post-synthesis treatment in water. <i>Microporous and Mesoporous Materials</i> , 2004 , 68, 1-10	5.3	40
22	Enhanced hydrothermal stability of Al-grafted MCM-48 prepared via various alumination routes. <i>Microporous and Mesoporous Materials</i> , 2004 , 74, 179-188	5.3	33
21	On the synthesis and characterization of ZSM-5/MCM-48 aluminosilicate composite materials. <i>Journal of Materials Chemistry</i> , 2004 , 14, 863		101
20	Formation of Molecularly Ordered Layered Mesoporous Silica via Phase Transformation of Silicate Surfactant Composites. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 11361-11367	3.4	22
19	Supercritical fluids: A route to palladium-aerogel nanocomposites. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1212		60
18	Mesostructured Hollow Spheres of Graphitic N-Doped Carbon Nanocast from Spherical Mesoporous Silica. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 19293-19298	3.4	125
17	Are mesoporous silicas and aluminosilicas assembled from zeolite seeds inherently hydrothermally stable? Comparative evaluation of MCM-48 materials assembled from zeolite seeds. <i>Journal of Materials Chemistry</i> , 2004 , 14, 3427		75

16	Ordered mesoporous MCM-41 silicon oxynitride solid base materials with high nitrogen content: synthesis, characterisation and catalytic evaluation. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2507		52
15	High Surface Area Silicon Carbide Whiskers and Nanotubes Nanocast Using Mesoporous Silica. <i>Chemistry of Materials</i> , 2004 , 16, 3877-3884	9.6	94
14	Confinement of molecular liquids: consequences on thermodynamic, static and dynamical properties of benzene and toluene. <i>European Physical Journal E</i> , 2003 , 12, 19-28	1.5	121
13	Highly Ordered Mesoporous Silicon Oxynitride Materials as Base Catalysts. <i>Angewandte Chemie</i> , 2003 , 115, 2743-2748	3.6	10
12	Highly ordered mesoporous silicon oxynitride materials as base catalysts. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2639-44	16.4	124
11	On the Hydrothermal Stability of Mesoporous Aluminosilicate MCM-48 Materials. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 6954-6960	3.4	67
10	A study of the behaviour of mesoporous silicas in OH/CTABr/H ₂ O systems: phase dependent stabilisation, dissolution or semi-pseudomorphic transformation. <i>Journal of Materials Chemistry</i> , 2003 , 13, 3112		16
9	Cyclohexane and Benzene Confined in MCM-41 and SBA-15: Confinement Effects on Freezing and Melting. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 6445-6453	3.4	145
8	Facile and high yield synthesis of mesostructured MCM-48 silica crystals. <i>Journal of Materials Chemistry</i> , 2003 , 13, 657-659		35
7	Finite-size and surface effects on the glass transition of liquid toluene confined in cylindrical mesopores. <i>Journal of Chemical Physics</i> , 2002 , 117, 8966-8972	3.9	153
6	Promoting Effect of Al on SO ₂ /MxO _y (M=Zr, Ti, Fe) Catalysts. <i>Journal of Catalysis</i> , 2000 , 196, 104-114	7.3	111
5	A new catalyst for n-butane isomerization: persulfate-modified Al ₂ O ₃ /rO ₂ . <i>Applied Catalysis A: General</i> , 1999 , 185, 293-300	5.1	42
4	A highly active solid superacid catalyst for n-butane isomerization: persulfate modified Al ₂ O ₃ /rO ₂ . <i>Chemical Communications</i> , 1999 , 1899-1900	5.8	27
3	Benzoylation of toluene with benzoyl chloride on Al-promoted sulfated solid superacids. <i>Catalysis Letters</i> , 1998 , 55, 101-104	2.8	27
2	New catalyst of SO ₂ /Al ₂ O ₃ /rO ₂ for n-butane isomerization. <i>Topics in Catalysis</i> , 1998 , 6, 101-106	2.3	87
1	Graphene-reinforced metal-organic frameworks derived cobalt sulfide/carbon nanocomposites as efficient multifunctional electrocatalysts. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	6