

# Martin Hartmann

## 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.

215  
papers

11,851  
citations

52  
h-index

105  
g-index

228  
ext. papers

12,690  
ext. citations

6.3  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
215	UiO-66 and hcp UiO-66 Catalysts Synthesized from Ionic Liquids as Linker Precursors. <i>ChemistryOpen</i> , <b>2021</b> , 10, 233-242	2.3	1
214	Synthesis and Catalytic Performance of Aluminium-containing Mesoporous, Spherical Silica Particles. <i>Chemie-Ingenieur-Technik</i> , <b>2021</b> , 93, 1001-1010	0.8	0
213	Chromium Environment within Cr-Doped Silico-Aluminophosphate Molecular Sieves from Spin Density Studies. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 8116-8124	3.8	1
212	An additive-free silicon anode in nanotube morphology as a model lithium ion battery material. <i>Electrochimica Acta</i> , <b>2021</b> , 138522	6.7	7
211	Hydrogen Release from Ammonia Borane Nanoconfined in Metal-Organic Frameworks with MIL-53 Topology. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 9990-10000	3.8	4
210	O-EPR determination of the structure and dynamics of copper single-metal sites in zeolites. <i>Nature Communications</i> , <b>2021</b> , 12, 4638	17.4	6
209	Uptake and release characteristics of serotonin hydrochloride by natural Cuban zeolite containing clinoptilolite and mordenite. <i>Scientific Reports</i> , <b>2021</b> , 11, 14277	4.9	
208	<sup>129</sup> Xe NMR on Porous Materials: Basic Principles and Recent Applications. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001266	4.6	11
207	Comment on "The solvent and zinc source dual-induced synthesis of a two dimensional zeolitic imidazolate framework with a farfalle-shape and its crystal transformation to zeolitic imidazolate framework-8" by C.-X. Jin et al., 2020, 49, 2437. <i>Dalton Transactions</i> , <b>2021</b> , 50, 398-400	4.3	1
206	Hierarchically-Ordered Materials. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100057	4.6	1
205	Hierarchically-Ordered Zeolites: A Critical Assessment. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001841	4.6	13
204	Fingerprinting diverse nanoporous materials for optimal hydrogen storage conditions using meta-learning. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	8
203	Solid State Magnetic Resonance Spectroscopy of Metal Oxide Nanoparticles <b>2021</b> , 513-555		
202	In Situ Monitoring of Particle Formation with Spectroscopic and Analytical Techniques Under Solvothermal Conditions. <i>Chemical Engineering and Technology</i> , <b>2020</b> , 43, 879-886	2	1
201	Raman and FTIR spectroscopic study on the formation of the isomers MIL-68(Al) and MIL-53(Al).. <i>RSC Advances</i> , <b>2020</b> , 10, 7336-7348	3.7	24
200	Hierarchical ZSM-5 Catalysts: The Effect of Different Intracrystalline Pore Dimensions on Catalyst Deactivation Behaviour in the MTO Reaction. <i>ChemCatChem</i> , <b>2020</b> , 12, 2461-2468	5.2	15
199	Role of Prenucleation Building Units in Determining Metal-Organic Framework MIL-53(Al) Morphology. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 3641-3649	3.5	5

198	Unraveling Complexity: A Strategy for the Characterization of Anisotropic Core Multishell Nanoparticles. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 2000145	3.1	1
197	Phase Transformations in Porous Materials Studied by In Situ Solid-State NMR Spectroscopy and In Situ X-ray Diffraction. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 19136-19145	3.8	5
196	Novel approach towards Al-rich AFI for catalytic application. <i>Applied Catalysis A: General</i> , <b>2019</b> , 577, 62-68.	3.1	2
195	Model development for the separation of a strongly adsorbing gas mixture on a semi-pilot scale adsorber. <i>Separation and Purification Technology</i> , <b>2019</b> , 217, 48-61	8.3	1
194	Synthesis of ZIF-11 Influence of the synthesis parameters on the phase purity. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 275, 102-110	5.3	7
193	Crystal Structure and De- and Rehydration Behavior of Two New Chloride-Containing Zeolitic Imidazolate Frameworks. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 4844-4853	3.5	3
192	Selective Gas Adsorption of Alkane/Alkene in a Single-Crystal and Powder Bimetallic Metal-Organic Framework Compound Cu <sub>2.97</sub> Zn <sub>0.03</sub> (btc) <sub>2</sub> Studied by Electron Paramagnetic Resonance. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 26877-26887	3.8	6
191	Shaping of Flexible Metal-Organic Frameworks: Combining Macroscopic Stability and Framework Flexibility. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 4700-4709	2.3	20
190	LCA in Process Development: Case Study of the OxFA-Process. <i>Sustainable Production, Life Cycle Engineering and Management</i> , <b>2019</b> , 105-113	0.4	0
189	Adsorption of Olefins at Cupric Ions in Metal-Organic Framework HKUST-1 Explored by Hyperfine Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 7657-7664	6.4	3
188	Solvent-free transformation of spray coated ZnO layers to ZIF-8 membranes. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 276, 29-40	5.3	11
187	Novel geopolymers incorporating red mud and waste glass cullet. <i>Materials Letters</i> , <b>2018</b> , 219, 152-154	3.3	20
186	Anomaly in the Chain Length Dependence of n-Alkane Diffusion in ZIF-4 Metal-Organic Frameworks. <i>Molecules</i> , <b>2018</b> , 23,	4.8	12
185	Continuous Separation of Light Olefin/Paraffin Mixtures on ZIF-4 by Pressure Swing Adsorption and Membrane Permeation. <i>Molecules</i> , <b>2018</b> , 23,	4.8	15
184	Proton Activity in Nanochannels Revealed by Electron Paramagnetic Resonance of Ionizable Nitroxides: A Test of the Poisson-Boltzmann Double Layer Theory. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 20527-20538	3.8	6
183	Synthesis of the novel MOF hcp UiO-66 employing ionic liquids as a linker precursor. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14426-14430	4.3	26
182	Synthesis of the zeolitic imidazolate framework ZIF-4 from the ionic liquid 1-butyl-3-methylimidazolium imidazolate. <i>Journal of Chemical Physics</i> , <b>2018</b> , 148, 193837	3.9	5
181	Nitric Oxide Adsorption in MIL-100(Al) MOF Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 12723-12730	3.8	18

180	Elucidation of the Formation Mechanism of Metal-Organic Frameworks via in-Situ Raman and FTIR Spectroscopy under Solvothermal Conditions. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 12267-12278	3.8	23
179	Comment on Insight into the reversible structural crystalline-state transformation from MIL-53(Al) to MIL-68(Al) by A. Perea-Cachero, E. Romero, C. Tellez and J. Coronas, <i>CrystEngComm</i> , 2018, 20, 402. <i>CrystEngComm</i> , <b>2018</b> , 20, 3117-3119	3.3	6
178	Key factors for the direct growth of zeolite faujasite (FAU) on metallic aluminum surface. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 271, 252-261	5.3	13
177	Synthesis of ZIF-11 - Effect of water residues in the solvent onto the phase transition from ZIF-11 to ZIF-7-III. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 243, 65-68	5.3	10
176	Boron-containing MFI-type zeolites with a hierarchical nanosheet assembly for lipase immobilization. <i>Dalton Transactions</i> , <b>2017</b> , 46, 4165-4169	4.3	12
175	Densification of Silica Spheres: A New Pathway to Nano-Dimensioned Zeolite-Based Catalysts. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10983-10986	4.8	5
174	Instantaneous formation of polyoxometalate-based cerium vanadium oxide gels. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 160-164	6.8	3
173	Consecutive interlayer disassembly/reassembly during alumination of UOV zeolites: insight into the mechanism. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 22576-22587	13	12
172	Synthesis of a partially fluorinated ZIF-8 analog for ethane/ethene separation. <i>CrystEngComm</i> , <b>2017</b> , 19, 5882-5891	3.3	15
171	Experimental and Theoretical Analysis of the Influence of Different Linker Molecules in Imidazolate Frameworks Potsdam (IFP-n) on the Separation of Olefin-Paraffin Mixtures. <i>Langmuir</i> , <b>2017</b> , 33, 11170-11179	4.179	4
170	One-Step Synthesis of MIL-53(Al)/Boehmite Composites. <i>Chemie-Ingenieur-Technik</i> , <b>2017</b> , 89, 887-893	0.8	7
169	Low-temperature binding of NO adsorbed on MIL-100(Al)-A case study for the application of high resolution pulsed EPR methods and DFT calculations. <i>Journal of Chemical Physics</i> , <b>2017</b> , 147, 224701	3.9	8
168	Direct oxidation of benzene to phenol over hierarchical ZSM-5 zeolites prepared by sequential post synthesis modification. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 237, 151-159	5.3	20
167	Noble-Metal-Free Photocatalytic Hydrogen Evolution Activity: The Impact of Ball Milling Anatase Nanopowders with TiH. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604747	24	51
166	Scale-up of the Synthesis of Zeolitic Imidazolate Framework ZIF-4. <i>Chemie-Ingenieur-Technik</i> , <b>2017</b> , 89, 1374-1378	0.8	8
165	Chapter 4: Hierarchical Zeolites. <i>RSC Catalysis Series</i> , <b>2017</b> , 103-145	0.3	9
164	Olefin/Paraffin Separation Potential of ZIF-9 and ZIF-71: A Combined Experimental and Theoretical Study. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4440-4449	2.3	24
163	Direct synthesis of non-breathing MIL-53(Al)(ht) from a terephthalate-based ionic liquid as linker precursor. <i>Dalton Transactions</i> , <b>2016</b> , 45, 18443-18446	4.3	16

162	Catalytic test reactions for the evaluation of hierarchical zeolites. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 3313-30	58.5	244
161	Präparationsprinzipien mikroporöser Materialien: Vom building block zum hierarchisch aufgebauten porösen System. <i>Chemie-Ingenieur-Technik</i> , <b>2016</b> , 88, 237-257	0.8	3
160	Timing of calcium nitrate addition affects morphology, dispersity and composition of bioactive glass nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 95101-95111	3.7	31
159	Zeolite-Coated Porous Arrays: A Novel Strategy for Enzyme Encapsulation. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1832-1836	15.6	13
158	Adsorptive Separation of Olefin/Paraffin Mixtures with ZIF-4. <i>Langmuir</i> , <b>2015</b> , 31, 12382-9	4	85
157	"Black" TiO <sub>2</sub> Nanotubes Formed by High-Energy Proton Implantation Show Noble-Metal-co-Catalyst Free Photocatalytic H <sub>2</sub> -Evolution. <i>Nano Letters</i> , <b>2015</b> , 15, 6815-20	11.5	152
156	A Rhodium Triphenylphosphine Catalyst for Alkene Hydrogenation Supported on Neat Superparamagnetic Iron Oxide Nanoparticles. <i>ChemCatChem</i> , <b>2015</b> , 7, 127-136	5.2	14
155	In situ cracking of silica beads in the SEM and TEM Effect of particle size on structure-property correlations. <i>Powder Technology</i> , <b>2015</b> , 270, 337-347	5.2	26
154	Electrical potential near hydrated surface of ordered mesoporous molecular sieves assessed by EPR of molecular pH-probes. <i>Microporous and Mesoporous Materials</i> , <b>2015</b> , 203, 1-7	5.3	11
153	Immobilization of lipase in cage-type mesoporous organosilicas via covalent bonding and crosslinking. <i>Catalysis Today</i> , <b>2015</b> , 243, 173-183	5.3	43
152	Adsorption and Desorption of HD on the Metal-Organic Framework Cu <sub>2</sub> .97Zn <sub>0.03</sub> (Btc) <sub>2</sub> Studied by Three-Pulse ESEEM Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 28530-28535	3.8	11
151	Adsorption of nitric oxide in metal-organic frameworks: Low temperature IR and EPR spectroscopic evaluation of the role of open metal sites. <i>Microporous and Mesoporous Materials</i> , <b>2015</b> , 216, 97-110	5.3	24
150	A Continuous-Wave Electron Paramagnetic Resonance Study of Carbon Dioxide Adsorption on the Metal-Organic Framework MIL-53. <i>Applied Magnetic Resonance</i> , <b>2014</b> , 45, 269-285	0.8	20
149	Synthesis of multilamellar MFI-type zeolites under static conditions: The role of gel composition on their properties. <i>Microporous and Mesoporous Materials</i> , <b>2014</b> , 190, 324-333	5.3	31
148	Correlation of Enhanced Strength and Internal Structure for Heat-Treated Submicron Spherical Silica Particles. <i>Particle and Particle Systems Characterization</i> , <b>2014</b> , 31, 664-674	3.1	27
147	Spontaneous Growth of Magnesium Hydroxide Fibers at Ambient Conditions. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4236-4239	3.5	9
146	Black TiO <sub>2</sub> nanotubes: cocatalyst-free open-circuit hydrogen generation. <i>Nano Letters</i> , <b>2014</b> , 14, 3309-1311.5	11.5	367
145	Porous Inorganic Materials as Potential Supports for Ionic Liquids <b>2014</b> , 37-74		

144	Stability, Hydration, and Thermodynamic Properties of RNase A Confined in Surface-Functionalized SBA-15 Mesoporous Molecular Sieves. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 21523-21531	3.8	9
143	Hydrogenated Anatase: Strong Photocatalytic Dihydrogen Evolution without the Use of a Co-Catalyst. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14425-14429	3.6	31
142	Immobilization of cytochrome c on the cylindrical mesoporous silica extrudates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 2606-13	1.3	5
141	Hydrogenated anatase: strong photocatalytic dihydrogen evolution without the use of a co-catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14201-5	16.4	78
140	Optical investigation of diffusion of single Ag markers in confined water films. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	4
139	Dynamics of pH-sensitive nitroxide radicals in water adsorbed in ordered mesoporous molecular sieves by EPR Spectroscopy. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 179, 258-264	5.3	13
138	Ungewöhnliche Adsorptions- und Trenneigenschaften des Molekularsiebs ZIF-8. <i>Chemie-Ingenieur-Technik</i> , <b>2013</b> , 85, 1707-1713	0.8	6
137	Propylen/Propan-Trennung im Festbettadsorber und durch Membranpermeation. <i>Chemie-Ingenieur-Technik</i> , <b>2013</b> , 85, 1694-1699	0.8	7
136	A Combined Pulsed Electron Paramagnetic Resonance Spectroscopic and DFT Analysis of the <sup>13</sup> CO <sub>2</sub> and <sup>13</sup> CO Adsorption on the Metal-Organic Framework Cu <sub>2</sub> .97Zn <sub>0.03</sub> (btc) <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 8231-8240	3.8	25
135	Progress in enzyme immobilization in ordered mesoporous materials and related applications. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 3894-912	58.5	432
134	Immobilization of enzymes on porous silicas--benefits and challenges. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 6277-89	58.5	439
133	Ethene/ethane and propene/propane separation via the olefin and paraffin selective metal-organic framework adsorbents CPO-27 and ZIF-8. <i>Langmuir</i> , <b>2013</b> , 29, 8592-600	4	246
132	H, D and HD adsorption upon the metal-organic framework [CuZn(btc)] studied by pulsed ENDOR and HYSCORE spectroscopy. <i>Molecular Physics</i> , <b>2013</b> , 111, 2950-2966	1.7	13
131	Improved activity and stability of lipase immobilized in cage-like large pore mesoporous organosilicas. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 154, 133-141	5.3	55
130	Electrostatic grafting of a triphenylphosphine sulfonate on SBA-15: application in palladium catalyzed hydrogenation. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 1188	5.5	11
129	Recent Progress in Biocatalysis with Enzymes Immobilized on Mesoporous Hosts. <i>Topics in Catalysis</i> , <b>2012</b> , 55, 1081-1100	2.3	88
128	Silver-assisted colloidal synthesis of stable, plasmon resonant gold patches on silica nanospheres. <i>Langmuir</i> , <b>2012</b> , 28, 8971-8	4	18
127	Formation of Mixed Metal Cu <sub>3</sub> Zn <sub>x</sub> (btc) <sub>2</sub> Frameworks with Different Zinc Contents: Incorporation of Zn <sup>2+</sup> into the Metal-Organic Framework Structure as Studied by Solid-State NMR. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 20866-20873	3.8	53

126	Amino-functionalized basic catalysts with MIL-101 structure. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 164, 38-43	5.3	176
125	Synthesis of isomorphously substituted extra-large pore UTL zeolites. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 15793		51
124	Covalent Immobilization of Imidazolium Cations Inside a Silica Support: Palladium-Catalyzed Olefin Hydrogenation. <i>ChemCatChem</i> , <b>2012</b> , 4, 395-400	5.2	26
123	Effects of varying water adsorption on a Cu <sub>3</sub> (BTC) <sub>2</sub> metal-organic framework (MOF) as studied by <sup>1</sup> H and <sup>13</sup> C solid-state NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 7783-8	3.6	128
122	Mesoporous organosilicas with large cage-like pores for high efficiency immobilization of enzymes. <i>Advanced Materials</i> , <b>2011</b> , 23, 2627-32	24	109
121	PERIODIC MESOPOROUS ORGANOSILICAS: Mesoporous Organosilicas With Large Cage-Like Pores for High Efficiency Immobilization of Enzymes (Adv. Mater. 2203/2011). <i>Advanced Materials</i> , <b>2011</b> , 23, 2616-2616	24	
120	Covalent anchoring of chloroperoxidase and glucose oxidase on the mesoporous molecular sieve SBA-15. <i>International Journal of Molecular Sciences</i> , <b>2010</b> , 11, 762-78	6.3	43
119	Catalysis with Microporous Aluminophosphates and Silicoaluminophosphates Containing Transition Metals <b>2010</b> , 1, 237-312		15
118	Wastewater treatment with heterogeneous Fenton-type catalysts based on porous materials. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9002		319
117	Continuous Wave and Pulsed Electron Spin Resonance Spectroscopy of Paramagnetic Framework Cupric Ions in the Zn(II) Doped Porous Coordination Polymer Cu <sub>3</sub> Zn <sub>x</sub> (btc) <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 16630-16639	3.8	59
116	Biocatalysis with enzymes immobilized on mesoporous hosts: the status quo and future trends. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 844-857		280
115	Structural Phase Transitions and Thermal Hysteresis in the Metal-Organic Framework Compound MIL-53 As Studied by Electron Spin Resonance Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 19443-19451	3.8	62
114	Spektroskopische Charakterisierung von porösen Materialien – Stand der Technik und Zukunftsperspektiven. <i>Chemie-Ingenieur-Technik</i> , <b>2010</b> , 82, 805-822	0.8	0
113	Oxidation of indole with CPO and GOx immobilized on mesoporous molecular sieves. <i>Catalysis Today</i> , <b>2010</b> , 157, 378-383	5.3	21
112	Lithiumdotierung eines hydroxymodifizierten MIL-53-Strukturanalogons zur Verbesserung der Wasserstoffadsorption. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 4710-4714	3.6	35
111	Formation of cross-linked chloroperoxidase aggregates in the pores of mesocellular foams: characterization by SANS and catalytic properties. <i>ChemSusChem</i> , <b>2009</b> , 2, 161-4	8.3	39
110	Carbamate-Linked (Oligo)phenothiazines in Mesoporous Silica by Post-Synthetic Grafting: Fluorescent Redox-Active Hybrid Materials. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 3895-3905	3.2	10
109	Improving the hydrogen-adsorption properties of a hydroxy-modified MIL-53(Al) structural analogue by lithium doping. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4639-42	16.4	179

108	Formation of cross-linked glucose oxidase aggregates in mesocellular foams. <i>Journal of Materials Science</i> , <b>2009</b> , 44, 6747-6753	4.3	24
107	Preparation of SBA-15 extrudates: Evaluation of textural and mechanical properties. <i>Journal of Porous Materials</i> , <b>2009</b> , 16, 175-183	2.4	18
106	Immobilization of Proteins and Enzymes, <i>Mesoporous Supports</i> <b>2009</b> , 1		1
105	Technische Chemie 2008. <i>Nachrichten Aus Der Chemie</i> , <b>2009</b> , 57, 519-528	0.1	
104	Adsorptive separation of isobutene and isobutane on Cu <sub>3</sub> (BTC) <sub>2</sub> . <i>Langmuir</i> , <b>2008</b> , 24, 8634-42	4	283
103	CW and Pulsed ESR Spectroscopy of Cupric Ions in the Metal Organic Framework Compound Cu <sub>3</sub> (BTC) <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 2678-2684	3.8	89
102	Oxidation of Indole with CPO and GOx Immobilized on SBA-15. <i>Studies in Surface Science and Catalysis</i> , <b>2008</b> , 174, 1045-1050	1.8	8
101	Olefin/paraffin separation over the Metal Organic Framework material Cu <sub>3</sub> (BTC) <sub>2</sub> . <i>Studies in Surface Science and Catalysis</i> , <b>2008</b> , 174, 615-618	1.8	1
100	A new route for the synthesis of manganese incorporated SBA-15. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 112, 53-60	5.3	27
99	Oxidation of indole using chloroperoxidase and glucose oxidase immobilized on SBA-15 as tandem biocatalyst. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 113, 523-529	5.3	54
98	Novel Organic/Inorganic Hybrid Materials by Covalent Anchoring of Phenothiazines on MCM-41. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 4986-4992	9.6	44
97	Shaping of mesoporous molecular sieves. <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 165, 181-184	1.8	3
96	Dielectric Spectroscopy of Betaine Phosphite Confined in MCM-41 Molecular Sieve Materials. <i>Ferroelectrics</i> , <b>2007</b> , 353, 97-103	0.6	
95	Extrusion of ALSBA-15 molecular sieves: An industrial point of view. <i>Catalysis Communications</i> , <b>2007</b> , 8, 457-461	3.2	20
94	Hydrothermal incorporation of manganese in the framework of SBA-15. <i>Catalysis Communications</i> , <b>2007</b> , 8, 493-497	3.2	34
93	Effect of pretreatment conditions on the catalytic activity of nano-sized TPA/ZrO <sub>2</sub> dispersed in SBA-15 channels in acetylation reactions. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 102, 223-233	5.3	7
92	Synthesis, characterisation and catalytic performance of HMCM-22 of different silica to alumina ratios. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 272, 38-44		20
91	Synthesis of ordered mesoporous zinc oxide obtained by dry gel nanocasting from the mesoporous carbon CMK-3. <i>Studies in Surface Science and Catalysis</i> , <b>2007</b> , 165, 243-246	1.8	



90	Effect of Confinement on the Dynamics of Methanol. <i>Ferroelectrics</i> , <b>2007</b> , 346, 173-180	0.6	4
89	Effect of Confinement on the Freezing-Melting Dynamics of Water. <i>Materials Science Forum</i> , <b>2006</b> , 514-516, 1255-1259	0.4	4
88	Dielectric spectroscopy of nano BaTiO <sub>3</sub> confined in MCM-41 mesoporous molecular sieve materials. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2006</b> , 53, 2305-8	3.2	1
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77	Adsorption of Vitamin E on Mesoporous Carbon Molecular Sieves. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 829-833	9.3	206
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