

Thomas Maschmeyer

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301
papers

11,725
citations

56
h-index

94
g-index

333
ext. papers

12,665
ext. citations

6.3
avg, IF

6.37
L-index

#	Paper	IF	Citations
301	Heterogeneous catalysts obtained by grafting metallocene complexes onto mesoporous silica. <i>Nature</i> , 1995 , 378, 159-162	50.4	1023
300	The Reductive Amination of Aldehydes and Ketones and the Hydrogenation of Nitriles: Mechanistic Aspects and Selectivity Control. <i>Advanced Synthesis and Catalysis</i> , 2002 , 344, 1037-1057	5.6	421
299	Rapid and quantitative one-pot synthesis of sequence-controlled polymers by radical polymerization. <i>Nature Communications</i> , 2013 , 4, 2505	17.4	354
298	Hydrothermal upgrading of biomass to biofuel; studies on some monosaccharide model compounds. <i>Carbohydrate Research</i> , 2004 , 339, 1717-26	2.9	232
297	Ordering of ruthenium cluster carbonyls in mesoporous silica. <i>Science</i> , 1998 , 280, 705-8	33.3	215
296	Pilot plant testing of continuous hydrothermal liquefaction of microalgae. <i>Algal Research</i> , 2013 , 2, 268-277		199
295	Probing the Titanium Sites in TiMCM41 by Diffuse Reflectance and Photoluminescence UV-Vis Spectroscopies. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 8836-8838	3.4	184
294	A new templating method for three-dimensional mesopore networks. <i>Chemical Communications</i> , 2001 , 713-714	5.8	181
293	Pushing the Limit of the RAFT Process: Multiblock Copolymers by One-Pot Rapid Multiple Chain Extensions at Full Monomer Conversion. <i>Macromolecules</i> , 2014 , 47, 3451-3460	5.5	179
292	Biocrude yield and productivity from the hydrothermal liquefaction of marine and freshwater green macroalgae. <i>Bioresource Technology</i> , 2014 , 155, 334-41	11	172
291	Structure-functionality relationships of grafted Ti-MCM41 silicas. Spectroscopic and catalytic studies. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 585-592	3.6	150
290	Preparation, Characterisation and Performance of Encapsulated Copper-Ruthenium Bimetallic Catalysts Derived from Molecular Cluster Carbonyl Precursors. <i>Chemistry - A European Journal</i> , 1998 , 4, 1214-1224	4.8	137
289	The Titanium(IV)-Catalyzed Epoxidation of Alkenes by tert-Alkyl Hydroperoxides. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2787-2790		135
288	Site-Directed Surface Derivatization of MCM-41: Use of High-Resolution Transmission Electron Microscopy and Molecular Recognition for Determining the Position of Functionality within Mesoporous Materials. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2719-2723	16.4	134
287	Synthesis of Bimodal Nanostructured Silicas with Independently Controlled Small and Large Mesopore Sizes. <i>Langmuir</i> , 2003 , 19, 8395-8402	4	124
286	Exploitation of the Degenerative Transfer Mechanism in RAFT Polymerization for Synthesis of Polymer of High Livingness at Full Monomer Conversion. <i>Macromolecules</i> , 2014 , 47, 639-649	5.5	123
285	Surface-Initiated Reversible Addition-Fragmentation Chain Transfer (RAFT) Polymerization from Fine Particles Functionalized with Trithiocarbonates. <i>Macromolecules</i> , 2011 , 44, 8944-8953	5.5	123

284	Bimetallic Nanoparticle Catalysts Anchored Inside Mesoporous Silica. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2242-2245		118
283	Hydrogenated Defects in Graphitic Carbon Nitride Nanosheets for Improved Photocatalytic Hydrogen Evolution. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 14938-14946	3.8	117
282	Two-stage hydrothermal liquefaction of a high-protein microalga. <i>Algal Research</i> , 2015 , 8, 15-22	5	114
281	Zeolite GdNaY nanoparticles with very high relaxivity for application as contrast agents in magnetic resonance imaging. <i>Chemistry - A European Journal</i> , 2002 , 8, 5121-31	4.8	113
280	Computational and EXAFS Study of the Nature of the Ti(IV) Active Sites in Mesoporous Titanosilicate Catalysts. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 4232-4237	3.4	106
279	Modelling the active sites of heterogeneous titanium-centred epoxidation catalysts with soluble silsesquioxane analogues. <i>Chemical Communications</i> , 1997 , 1847	5.8	105
278	Zeolites [From curiosity to cornerstone. <i>Microporous and Mesoporous Materials</i> , 2011 , 142, 423-438	5.3	102
277	Constrained chiral catalysts. <i>Journal of Molecular Catalysis A</i> , 1999 , 141, 139-144		99
276	Cyclopalladated imine catalysts in Heck arylation: search for the catalytic species. <i>Chemical Communications</i> , 2000 , 1877-1878	5.8	95
275	Fully coordinated silica nanoclusters: (SiO ₂) _N molecular rings. <i>Physical Review Letters</i> , 2003 , 90, 035502	7.4	92
274	One-step synthesis of a highly active, mesoporous, titanium-containing silica by using bifunctional templating. <i>Chemistry - A European Journal</i> , 2001 , 7, 1437-43	4.8	91
273	Review: Oligomeric Silsesquioxanes: Synthesis, Characterization and Selected Applications. <i>Australian Journal of Chemistry</i> , 2001 , 54, 583	1.2	90
272	One-pot RAFT/"click" chemistry via isocyanates: efficient synthesis of π -end-functionalized polymers. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12596-603	16.4	89
271	The interplay of catechol ligands with nanoparticulate iron oxides. <i>Dalton Transactions</i> , 2012 , 41, 2545-52.3	5.3	87
270	Catalytic aspects of light-induced hydrogen generation in water with TiO ₂ and other photocatalysts: a simple and practical way towards a normalization?. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1536-9	16.4	87
269	Lanthanide(III) complexes of novel mixed carboxylic-phosphorus acid derivatives of diethylenetriamine: a step towards more efficient MRI contrast agents. <i>Chemistry - A European Journal</i> , 2003 , 9, 5899-915	4.8	82
268	Structural features of ionic liquids: consequences for material preparation and organic reactivity. <i>Green Chemistry</i> , 2013 , 15, 2655	10	79
267	Noncovalent anchoring of asymmetric hydrogenation catalysts on a new mesoporous aluminosilicate: application and solvent effects. <i>Chemistry - A European Journal</i> , 2004 , 10, 5829-35	4.8	79

- 266 Mechanism of homogeneously and heterogeneously catalysed Meerwein-Ponndorf-Verley-Oppenauer reactions for the racemisation of secondary alcohols. *Chemistry - A European Journal*, **2004**, 10, 2088-93 4.8 78
- 265 Designing a Solid Catalyst for the Selective Low-Temperature Oxidation of Cyclohexane to Cyclohexanone. *Angewandte Chemie International Edition in English*, **1997**, 36, 1639-1642 77
- 264 Co-TUD-1: a ketone-selective catalyst for cyclohexane oxidation. *Chemistry - A European Journal*, **2006**, 12, 1782-9 4.8 77
- 263 Synthesis of tailored bimodal mesoporous materials with independent control of the dual pore size distribution. *Chemical Communications*, **2001**, 2670-2671 5.8 77
- 262 Derivatized mesoporous solids. *Current Opinion in Solid State and Materials Science*, **1998**, 3, 71-78 12 76
- 261 Synthesis, characterization and catalytic testing of a 3-D mesoporous titanosilica, Ti^{IV}TUD-1. *Microporous and Mesoporous Materials*, **2001**, 48, 181-187 5.3 76
- 260 Synthesis, characterization, and unique catalytic performance of the mesoporous material Fe-TUD-1 in Friedel-Crafts benzylation of benzene. *Catalysis Today*, **2005**, 100, 255-260 5.3 75
- 259 Synthesis of silica-polymer core-shell nanoparticles by reversible addition-fragmentation chain transfer polymerization. *Chemical Communications*, **2013**, 49, 9077-88 5.8 74
- 258 Synthesis of hierarchical porous silicas with a controlled pore size distribution at various length scales. *Catalysis Today*, **2001**, 69, 331-335 5.3 70
- 257 Towards catalytic cascade reactions: asymmetric synthesis using combined chemo-enzymatic catalysts. *Topics in Catalysis*, **2006**, 40, 35-44 2.3 69
- 256 Facile synthesis of ionic liquids possessing chiral carboxylates. *Tetrahedron Letters*, **2006**, 47, 7367-7370 2 67
- 255 Al-TUD-1, stable mesoporous aluminas with high surface areas. *Applied Catalysis A: General*, **2003**, 254, 339-343 5.1 67
- 254 Zeolite nanocrystals inside mesoporous TUD-1: a high-performance catalytic composite. *Chemistry - A European Journal*, **2004**, 10, 4970-6 4.8 66
- 253 Templating mesoporous silicates on surfactant ruthenium complexes: a direct approach to heterogeneous catalysts. *Chemical Communications*, **1999**, 2031-2032 5.8 62
- 252 The Identity in Atomic Structure and Performance of Active Sites in Heterogeneous and Homogeneous, Titanium-Silica Epoxidation Catalysts. *Journal of Physical Chemistry B*, **1999**, 103, 8809-8814 3.4 62
- 251 4-Nitrophenol Reduction: Probing the Putative Mechanism of the Model Reaction. *ACS Catalysis*, **2020**, 10, 5516-5521 13.1 62
- 250 Ionic-liquid-mediated active-site control of MoS₂ for the electrocatalytic hydrogen evolution reaction. *Chemistry - A European Journal*, **2012**, 18, 8230-9 4.8 61
- 249 Accessing Decaphenylmetallocenes of Ytterbium, Calcium, and Barium by Desolvation of Solvent-Separated Ion Pairs: Overcoming Adverse Solubility Properties#. *Organometallics*, **2008**, 27, 4772-4778 2.8 60

248	Optimisation of the Enantioselective Synthesis of Cyanohydrin Esters. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 1015-1021	5.6	58
247	Co-TUD-1 catalysed aerobic oxidation of cyclohexane. <i>Applied Catalysis A: General</i> , 2009 , 355, 78-82	5.1	57
246	NH ₃ adsorption on MCM-41 and Ti-grafted MCM-41. FTIR, DR UV-Vis, IR and photoluminescence studies. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 6109-6115	3.6	57
245	Towards targeted MRI: new MRI contrast agents for sialic acid detection. <i>Chemistry - A European Journal</i> , 2004 , 10, 5205-17	4.8	56
244	Zeolite A membranes synthesized on a UV-irradiated TiO ₂ coated metal support: the high pervaporation performance. <i>Journal of Membrane Science</i> , 2003 , 224, 29-37	9.6	55
243	Combinatorial chemistry, high-speed screening and catalysis. <i>Catalysis Letters</i> , 1999 , 63, 1-11	2.8	55
242	The Influence of Steric Congestion on the Catalytic Performance of TiIV Active Centers in the Epoxidation of Alkenes. <i>Chemistry - A European Journal</i> , 1999 , 5, 1481-1485	4.8	55
241	Comparing the potential production and value of high-energy liquid fuels and protein from marine and freshwater macroalgae. <i>GCB Bioenergy</i> , 2015 , 7, 673-689	5.6	54
240	A New, Efficient Route to Titanium-Silsesquioxane Epoxidation Catalysts Developed by Using High-Speed Experimentation Techniques P.P.P. is grateful for a studentship from TUD.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 740-743	16.4	54
239	Synthesis and characterisation by X-ray absorption spectroscopy of a suite of seven mesoporous catalysts containing metal ions in framework sites. <i>Topics in Catalysis</i> , 1996 , 3, 121-134	2.3	54
238	Increasing the ketone selectivity of the cobalt-catalyzed radical chain oxidation of cyclohexane. <i>Chemistry - A European Journal</i> , 2002 , 8, 3724-31	4.8	53
237	A comparison of photocatalytic reforming reactions of methanol and triethanolamine with Pd supported on titania and graphitic carbon nitride. <i>Applied Catalysis B: Environmental</i> , 2019 , 240, 373-379	21.8	50
236	Upgrading of marine (fish and crustaceans) biowaste for high added-value molecules and bio(nano)-materials. <i>Chemical Society Reviews</i> , 2020 ,	58.5	49
235	Mesoporous Membranes – Brief Overview of Recent Developments. <i>Topics in Catalysis</i> , 2004 , 29, 67-77	2.3	49
234	From macroalgae to liquid fuel via waste-water remediation, hydrothermal upgrading, carbon dioxide hydrogenation and hydrotreating. <i>Energy and Environmental Science</i> , 2016 , 9, 1828-1840	35.4	49
233	TiO ₂ nanoparticles in mesoporous TUD-1: synthesis, characterization and photocatalytic performance in propane oxidation. <i>Chemistry - A European Journal</i> , 2005 , 12, 620-8	4.8	48
232	Heterogeneous Dinuclear Rhodium(II) Hydroformylation Catalysts-Performance Evaluation and Silsesquioxane-Based Chemical Modeling. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 955-958	16.4	47
231	Photocatalytic Hydrogen Evolution from Silica-Templated Polymeric Graphitic Carbon Nitride – the Surface Area Important?. <i>ChemCatChem</i> , 2015 , 7, 121-126	5.2	45

230	A new cell for the collection of combined EXAFS/XRD data in situ during solid/liquid catalytic reactions. <i>Catalysis Letters</i> , 1997 , 44, 23-27	2.8	45
229	Liquid phase oxidation of cyclohexane over transition metal incorporated amorphous 3D-mesoporous silicates M-TUD-1 (M=Ti, Fe, Co and Cr). <i>Catalysis Today</i> , 2006 , 117, 279-283	5.3	45
228	The structure of the sugar residue in glycosylated human serum albumin and its molecular recognition by phenylboronate. <i>Chemistry - A European Journal</i> , 2003 , 9, 2193-9	4.8	45
227	New insights into the structure of supported bimetallic nanocluster catalysts prepared from carbonylated precursors: a combined density functional theory and EXAFS study. <i>Chemical Physics Letters</i> , 2001 , 340, 524-530	2.5	45
226	Toward Understanding the Thermodynamic Viability of Zeolites and Related Frameworks through a Simple Topological Model. <i>Chemistry of Materials</i> , 2004 , 16, 3809-3820	9.6	44
225	The identity of titanium centres in microporous aluminophosphates compared with Ti-MCM-41 mesoporous catalyst and titanosilsesquioxane dimer molecular complex: a spectroscopy study. <i>Journal of Molecular Catalysis A</i> , 2003 , 204-205, 483-489		44
224	Metallocene-derived, isolated MoVI active centres on mesoporous silica for the catalytic dehydrogenation of methanol. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998 , 94, 1495-1499		44
223	Models of surface-confined metallocene derivatives. <i>Journal of Molecular Catalysis</i> , 1994 , 86, 309-318		44
222	A comparative assessment of microwave assisted (MAE) and conventional solid-liquid (SLE) techniques for the extraction of phloroglucinol from brown seaweed. <i>Algal Research</i> , 2017 , 23, 28-36	5	43
221	Diffusion of Molecular Hydrogen through Porous Materials: The Importance of Framework Flexibility. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 5088-5094	3.4	43
220	Toward Understanding Extra-Large-Pore Zeolite Energetics and Topology: A Polyhedral Approach. <i>Chemistry of Materials</i> , 2004 , 16, 12-20	9.6	43
219	The formation of high-order polybromides in a room-temperature ionic liquid: from monoanions ([Br ⁵⁻]) to [Br ¹¹⁻]) to the isolation of [PC16 H36] ₂ [Br ²⁴⁻] as determined by van der Waals Bonding Radii. <i>Chemistry - A European Journal</i> , 2015 , 21, 2961-5	4.8	42
218	High-Activity Heterogeneous Catalysts Prepared in One Step from the Mesophases of Metallosurfactants. <i>Catalysis Letters</i> , 2002 , 82, 95-98	2.8	41
217	Continuous hydrothermal liquefaction of macroalgae in the presence of organic co-solvents. <i>Algal Research</i> , 2016 , 17, 185-195	5	41
216	Reactions of p-coumaryl alcohol model compounds with dimethyl carbonate. Towards the upgrading of lignin building blocks. <i>Green Chemistry</i> , 2013 , 15, 3195	10	40
215	Enantioselective Synthesis of Protected Cyanohydrins. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 1516-1522	3.2	40
214	Chiral catalysts confined in porous hosts: 1. Synthesis. <i>Journal of Catalysis</i> , 2003 , 217, 264-274	7.3	39
213	Hydrotalcite-derived mixed oxides containing copper: catalysts for the removal of nitric oxide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996 , 92, 4331		38

212	Polymeric carbon nitride for solar hydrogen production. <i>Chemical Communications</i> , 2017 , 53, 7438-7446	5.8	37
211	The influence of ionic liquid additives on zinc half-cell electrochemical performance in zinc/bromine flow batteries. <i>RSC Advances</i> , 2016 , 6, 27788-27797	3.7	37
210	Pre- and post-harvest treatment of macroalgae to improve the quality of feedstock for hydrothermal liquefaction. <i>Algal Research</i> , 2014 , 6, 22-31	5	37
209	Efficient immobilisation of Rh-MonoPhos on the aluminosilicate ALTUD-1. <i>Chemical Communications</i> , 2004 , 2830-1	5.8	36
208	Molecular-dynamics analysis of the diffusion of molecular hydrogen in all-silica sodalite. <i>Journal of Chemical Physics</i> , 2004 , 120, 10285-9	3.9	36
207	Effect of the Genetic Algorithm Parameters on the Optimisation of Heterogeneous Catalysts. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 45-57		36
206	Comparison of supports for the electrostatic immobilisation of asymmetric homogeneous catalysts. <i>Journal of Catalysis</i> , 2006 , 239, 212-219	7.3	35
205	Liquid-Phase Oxidation of Cyclohexane over Co-TUD-1. <i>Catalysis Letters</i> , 2004 , 95, 113-117	2.8	35
204	Ge-ZSM-5: the Simultaneous Incorporation of Ge and Al into ZSM-5 Using a Parallel Synthesis Approach. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 10423-10430	3.4	35
203	A New Methodology for Assessing Macromolecular Click Reactions and Its Application to Amine-Tertiary Isocyanate Coupling for Polymer Ligation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4061-8	16.4	33
202	Pseudo-encapsulation--nanodomains for enhanced reactivity in ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11483-6	16.4	33
201	Metallasilsesquioxanes: Molecular Analogues of Heterogeneous Catalysts. <i>Advances in Silicon Science</i> , 2011 , 135-166		33
200	EXAFS analysis of a chiral alkene polymerisation catalyst incorporated in the mesoporous silicate MCM-41. <i>Chemical Communications</i> , 1997 , 1905	5.8	33
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198	Factors influencing the formation of polybromide monoanions in solutions of ionic liquid bromide salts. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7251-60	3.6	32
197	Revealing the distribution of the atoms within individual bimetallic catalyst nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11190-3	16.4	32
196	1,3-Disubstituted imidazolium hydroxides: Dry salts or wet carbenes?. <i>Catalysis Today</i> , 2013 , 200, 9-16	5.3	32
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191	Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6848-6852 ³¹	16.4	31
190	Defect engineering of oxide perovskites for catalysis and energy storage: synthesis of chemistry and materials science. <i>Chemical Society Reviews</i> , 2021 , 50, 10116-10211	58.5	31
189	Promoting the Formation of Active Sites with Ionic Liquids: A Case Study of MoS ₂ as Hydrogen-Evolution-Reaction Electrocatalyst. <i>ChemCatChem</i> , 2011 , 3, 1739-1742	5.2	30
188	Combined epimerisation and acylation: Meerwein-Ponndorf-Verley-Oppenauer catalysts in action. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 483-9	3.9	30
187	Osmium silsesquioxane as model compound and homogeneous catalyst for the dihydroxylation of alkenes. <i>Journal of Molecular Catalysis A</i> , 2004 , 220, 37-42		29
186	Preparation of Benzylamine by Highly Selective Reductive Amination of Benzaldehyde Over Ru on an Acidic Activated Carbon Support as the Catalyst. <i>Catalysis Letters</i> , 2002 , 84, 1-5	2.8	29
185	Stability, structure and dynamics of cationic lanthanide(III) complexes of N,N'-bis(propylamide)ethylenediamine-N,N'-diacetic acid. <i>Dalton Transactions</i> , 2003 , 727-737	4.3	29
184	The influence of novel bromine sequestration agents on zinc/bromine flow battery performance. <i>RSC Advances</i> , 2016 , 6, 110548-110556	3.7	29
183	A comparative assessment of the activity and structure of phlorotannins from the brown seaweed <i>Carpophyllum flexuosum</i> . <i>Algal Research</i> , 2018 , 29, 130-141	5	29
182	Factors Affecting Ionicity in All-Silica Materials: A Density Functional Cluster Study. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 12376-12385	2.8	28
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180	An alternative synthesis method for zeolite Y membranes. <i>Chemical Communications</i> , 2001 , 41-42	5.8	27
179	Clickable polymers via a combination of RAFT polymerization and isocyanate chemistry. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2771-2782	2.5	26
178	Intrinsic Catalytic Activity versus Effective Light Usage: A Reply to Professor Kisch's Comments. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9590-9591	16.4	25
177	Chromium-incorporated TUD-1 as a new visible light-sensitive photo-catalyst for selective oxidation of propane. <i>Catalysis Today</i> , 2006 , 117, 337-342	5.3	25

176	Computational insights into the role of Ge in stabilising double-four ring containing zeolites. <i>Microporous and Mesoporous Materials</i> , 2004 , 73, 171-174	5.3	25
175	Chiral catalysts confined in porous hosts. <i>Journal of Catalysis</i> , 2003 , 217, 275-283	7.3	25
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172	The Synthesis and Characterization of Decaphenyltitanocene Dichloride, [Ti(β -C ₅ Ph ₅) ₂ Cl ₂], and of [Ti(β -C ₅ Ph ₅)(<i>c</i> -C ₆ H ₁₁) ₇ Si ₇ O ₁₂], the First Pentaphenylcyclopentadienyl Polyhedral Oligosilsesquioxane. <i>Australian Journal of Chemistry</i> , 1994 , 47, 1127	1.2	25
171	Enhanced Photocatalytic Hydrogen Evolution with TiO ₂ /TiN Nanoparticle Composites. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 3740-3749	3.8	25
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169	The synthesis of well-defined poly(vinylbenzyl chloride)-grafted nanoparticles via RAFT polymerization. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1226-34	2.5	24
168	[Fe(C ₅ Ar ₅)(CO) ₂ Br] complexes as hydrogenase mimics for the catalytic hydrogen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2018 , 223, 234-241	21.8	23
167	Bromozincate ionic liquids in the Knoevenagel condensation reaction. <i>Applied Catalysis B: Environmental</i> , 2018 , 223, 228-233	21.8	23
166	Shining Light on Carbon Nitrides: Leveraging Temperature To Understand Optical Gap Variations. <i>Chemistry of Materials</i> , 2018 , 30, 4253-4262	9.6	23
165	Highly reproducible high-flux silicalite-1 membranes: optimization of silicalite-1 membrane preparation. <i>Separation and Purification Technology</i> , 2001 , 22-23, 223-229	8.3	23
164	Alcothermal Synthesis under Basic Conditions of an SBA-15 with Long-Range Order and Stability. <i>Advanced Materials</i> , 2001 , 13, 327-331	24	22
163	Tuning the plasmonic response of TiN nanoparticles synthesised by the transferred arc plasma technique. <i>Nanoscale</i> , 2018 , 10, 7566-7574	7.7	21
162	Novel bis(methylimidazolium)alkane bolaamphiphiles as templates for supermicroporous and mesoporous silicas. <i>Microporous and Mesoporous Materials</i> , 2012 , 148, 62-72	5.3	21
161	Extractive Denitrogenation of Fuel Oils with Ionic Liquids: A Systematic Study. <i>Energy & Fuels</i> , 2017 , 31, 2183-2189	4.1	20
160	Hollow micro/nanomaterials as nanoreactors for photocatalysis. <i>APL Materials</i> , 2013 , 1, 041101	5.7	20
159	Lichtinduzierte Herstellung von Wasserstoff in Wasser mit TiO ₂ und anderen Photokatalysatoren: Gibt es einen einfachen Weg hin zu einer Normierung der katalytischen Verfahren?. <i>Angewandte Chemie</i> , 2010 , 122, 1578-1582	3.6	20

- 158 Intrinsic Catalytic Activity versus Effective Light Usage – Reply to Professor Kisch’s Comments. *Angewandte Chemie*, **2010**, 122, 9784-9785 3.6 20
- 157 Spectroscopic tools for probing the isolated titanium centres in MCM41 mesoporous catalysts. *Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics*, **1997**, 19, 1707-1718 20
- 156 High-throughput experimentation as a tool in catalyst design for the reductive amination of benzaldehyde. *Applied Catalysis A: General*, **2003**, 254, 77-84 5.1 20
- 155 One-pot incorporation of titanium catalytic sites into mesoporous true liquid crystal templated (TLCT) silica. *Chemical Communications*, **1999**, 87-88 5.8 20
- 154 Renewable Aromatics from Kraft Lignin with Molybdenum-Based Catalysts. *ChemCatChem*, **2017**, 9, 2717-2726 19
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