Arne Thomas

List of Publications by Year
in descending order

260 papers	52,858 citations	1893 102 h-index	1254 226 g-index
285 all docs	285 docs citations	285 times ranked	35518 citing authors

#	Article	IF	Citations
1	Superstructures of Organicâ€“Polyoxometalate Coâ€•crystals as Precursors for Hydrogen Evolution Electrocatalysts. Angewandte Chemie, 2022, 134, .	2.0	2
2	Superstructures of Organicâ€“Polyoxometalate Coâ€•crystals as Precursors for Hydrogen Evolution Electrocatalysts. Angewandte Chemie - International Edition, 2022, 61, .	13.8	26
3	Insights into the light-driven hydrogen evolution reaction of mesoporous graphitic carbon nitride decorated with Pt or Ru nanoparticles. Dalton Transactions, 2022, 51, 731-740.	3.3	3
4	Covalent Organic Framework (COF) Derived Niâ€Nâ€C Catalysts for Electrochemical CO₂ Reduction: Unraveling Fundamental Kinetic and Structural Parameters of the Active Sites. Angewandte Chemie, 2022, 134, .	2.0	8
5	Boosting the performance of Ni/Al₂O₃ for the reverse water gas shift reaction through formation of CuNi nanoalloys. Catalysis Science and Technology, 2022, 12, 474-487.	4.1	24
6	Covalent Organic Framework (COF) Derived Niâ€Nâ€C Catalysts for Electrochemical CO₂ Reduction: Unraveling Fundamental Kinetic and Structural Parameters of the Active Sites. Angewandte Chemie - International Edition, 2022, 61, .	13.8	28
7	A Covalent Organic Framework/Graphene Dual-Region Hydrogel for Enhanced Solar-Driven Water Generation. Journal of the American Chemical Society, 2022, 144, 3083-3090.	13.7	115
8	Finding the Sweet Spot of Photocatalysisâ”€A Case Study Using Bipyridine-Based CTFs. ACS Applied Materials & Interfaces, 2022, 14, 14182-14192.	8.0	22
9	Macroscale Conjugated Microporous Polymers: Controlling Versatile Functionalities Over Several Dimensions. Advanced Materials, 2022, 34, e2104952.	21.0	65
10	Acridineâ€Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic Câˆ’N Crossâ€Coupling. Angewandte Chemie, 2022, 134, .	2.0	6
11	Acridineâ€Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic Câˆ’N Crossâ€Coupling. Angewandte Chemie - International Edition, 2022, 61, .	13.8	77
12	Impact of Carbon N-Doping and Pyridinic-N Content on the Fuel Cell Performance and Durability of Carbon-Supported Pt Nanoparticle Catalysts. ACS Applied Materials & Interfaces, 2022, 14, 18420-18430.	8.0	28
13	Design of an active and stable catalyst for dry reforming of methane via molecular layer deposition. Catalysis Today, 2021, 362, 47-54.	4.4	29
14	Design of PtZn nanoalloy catalysts for propane dehydrogenation through interface tailoring via atomic layer deposition. Catalysis Science and Technology, 2021, 11, 484-493.	4.1	39
15	Promoting Photocatalytic Hydrogen Evolution Activity of Graphitic Carbon Nitride with Holeâ€Transfer Agents. ChemSusChem, 2021, 14, 306-312.	6.8	17
16	Surface site density and utilization of platinum group metal (PGM)-free Feâ€“NC and FeNiâ€“NC electrocatalysts for the oxygen reduction reaction. Chemical Science, 2021, 12, 384-396.	7.4	40
17	Rational design of tandem catalysts using a coreâ€“shell structure approach. Nanoscale Advances, 2021, 3, 3454-3459.	4.6	12
18	Ruthenium nanoparticles supported on carbon-based nanoallotropes as co-catalyst to enhance the photocatalytic hydrogen evolution activity of carbon nitride. Renewable Energy, 2021, 168, 668-675.	8.9	11

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19	Oxygen-evolving catalytic atoms on metal carbides. Nature Materials, 2021, 20, 1240-1247.	27.5	235
20	Protonated Imineâ€Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 19797-19803.	13.8	171
21	Protonated Imineâ€Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. Angewandte Chemie, 2021, 133, 19950-19956.	2.0	22
22	A molecular approach to the synthesis of platinum-decorated mesoporous graphitic carbon nitride as selective CO2 reduction photocatalyst. Journal of CO2 Utilization, 2021, 50, 101574.	6.8	13
23	Palladium nanoparticles on modified cellulose as a novel catalyst for low temperature gas reactions. Cellulose, 2021, 28, 9135-9147.	4.9	0
24	Hydrothermal polymerization of porous aromatic polyimide networks and machine learning-assisted computational morphology evolution interpretation. Journal of Materials Chemistry A, 2021, 9, 19754-19769.	10.3	7
25	Covalent organic frameworks (COFs) for electrochemical applications. Chemical Society Reviews, 2021, 50, 6871-6913.	38.1	461
26	Impact of operating conditions for the continuous-flow degradation of diclofenac with immobilized carbon nitride photocatalysts. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 388, 112182.	3.9	15
27	Emerged carbon nanomaterials from metal-organic precursors for electrochemical catalysis in energy conversion. , 2020, , 393-423.		8
28	Much ado about nothing â€“ a decade of porous materials research. Nature Communications, 2020, 11, 4985.	12.8	26
29	Confinement of Cobalt Species in Mesoporous N-Doped Carbons and the Impact on Nitroarene Hydrogenation. ACS Sustainable Chemistry and Engineering, 2020, 8, 11171-11182.	6.7	25
30	Synthesis of Vinylene-Linked Covalent Organic Frameworks from Acetonitrile: Combining Cyclotrimerization and Aldol Condensation in One Pot. Journal of the American Chemical Society, 2020, 142, 14033-14038.	13.7	68
31	Strongly Reducing (Diarylamino)benzene-Based Covalent Organic Framework for Metal-Free Visible Light Photocatalytic H₂O₂ Generation. Journal of the American Chemical Society, 2020, 142, 20107-20116.	13.7	239
32	Conjugated Microporous Polymer Network Grafted Carbon Nanotube Fibers with Tunable Redox Activity for Efficient Flexible Wearable Energy Storage. Chemistry of Materials, 2020, 32, 8276-8285.	6.7	57
33	Ultralight covalent organic framework/graphene aerogels with hierarchical porosity. Nature Communications, 2020, 11, 4712.	12.8	183
34	Immobilization of an Iridium Pincer Complex in a Microporous Polymer for Application in Roomâ€Temperature Gas Phase Catalysis. Angewandte Chemie, 2020, 132, 20002-20006.	2.0	3
35	Immobilization of an Iridium Pincer Complex in a Microporous Polymer for Application in Roomâ€Temperature Gas Phase Catalysis. Angewandte Chemie - International Edition, 2020, 59, 19830-19834.	13.8	8
36	Metal-Assisted and Solvent-Mediated Synthesis of Two-Dimensional Triazine Structures on Gram Scale. Journal of the American Chemical Society, 2020, 142, 12976-12986.	13.7	21

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37	Cobaltâ€Exchanged Poly(Heptazine Imides) as Transition Metalâ€“N_x Electrocatalysts for the Oxygen Evolution Reaction. Advanced Materials, 2020, 32, e1903942.	21.0	56
38	Pd nanoparticles confined in mesoporous N-doped carbon silica supports: a synergistic effect between catalyst and support. Catalysis Science and Technology, 2020, 10, 1385-1394.	4.1	27
39	Atomic Layer Deposition of ZnO on Mesoporous Silica: Insights into Growth Behavior of ZnO via In-Situ Thermogravimetric Analysis. Nanomaterials, 2020, 10, 981.	4.1	15
40	Donorâ€“acceptor covalent organic frameworks for visible light induced free radical polymerization. Chemical Science, 2019, 10, 8316-8322.	7.4	124
41	Ultraâ€High Surface Area Nitrogenâ€Doped Carbon Aerogels Derived From a Schiffâ€Base Porous Organic Polymer Aerogel for CO₂ Storage and Supercapacitors. Advanced Functional Materials, 2019, 29, 1904785.	14.9	126
42	Vinyleneâ€Linked Covalent Organic Frameworks by Baseâ€Catalyzed Aldol Condensation. Angewandte Chemie - International Edition, 2019, 58, 14865-14870.	13.8	205
43	Vinyleneâ€Linked Covalent Organic Frameworks by Baseâ€Catalyzed Aldol Condensation. Angewandte Chemie, 2019, 131, 15007-15012.	2.0	39
44	Influence of MoS2 on Activity and Stability of Carbon Nitride in Photocatalytic Hydrogen Production. Catalysts, 2019, 9, 695.	3.5	15
45	XPS studies on dispersed and immobilised carbon nitrides used for dye degradation. Photochemical and Photobiological Sciences, 2019, 18, 1833-1839.	2.9	13
46	Accurate Evaluation of Active-Site Density (SD) and Turnover Frequency (TOF) of PGM-Free Metalâ€“Nitrogen-Doped Carbon (MNC) Electrocatalysts using CO Cryo Adsorption. ACS Catalysis, 2019, 9, 4841-4852.	11.2	79
47	Macro/Microporous Covalent Organic Frameworks for Efficient Electrocatalysis. Journal of the American Chemical Society, 2019, 141, 6623-6630.	13.7	340
48	Silica-Templated Covalent Organic Framework-Derived Feâ€“N-Doped Mesoporous Carbon as Oxygen Reduction Electrocatalyst. Chemistry of Materials, 2019, 31, 3274-3280.	6.7	108
49	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO₂ Photoreduction. ACS Catalysis, 2019, 9, 3959-3968.	11.2	110
50	Suppression of Competing Reaction Channels by Pb Adatom Decoration of Catalytically Active Cu Surfaces During CO₂ Electroreduction. ACS Catalysis, 2019, 9, 1482-1488.	11.2	46
51	Metalâ€Organic Precursorâ€“Derived Mesoporous Carbon Spheres with Homogeneously Distributed Molybdenum Carbide/Nitride Nanoparticles for Efficient Hydrogen Evolution in Alkaline Media. Advanced Functional Materials, 2019, 29, 1807419.	14.9	104
52	Tuning the Porosity and Photocatalytic Performance of Triazineâ€Based Graphdiyne Polymers through Polymorphism. ChemSusChem, 2019, 12, 194-199.	6.8	39
53	3D Anionic Silicate Covalent Organic Framework with srs Topology. Journal of the American Chemical Society, 2018, 140, 5330-5333.	13.7	174
54	Ionic Liquid-Assisted Synthesis of Mesoporous Carbons with Surface-Enriched Nitrogen for the Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2018, 10, 3912-3920.	8.0	49

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55	Diacetylene Functionalized Covalent Organic Framework (COF) for Photocatalytic Hydrogen Generation. Journal of the American Chemical Society, 2018, 140, 1423-1427.	13.7	646
56	Active Salt/Silicaâ€Templated 2D Mesoporous FeCoâ€N_xâ€Carbon as Bifunctional Oxygen Electrodes for Zincâ€“Air Batteries. Angewandte Chemie - International Edition, 2018, 57, 1856-1862.	13.8	340
57	Efficient Supercapacitor Energy Storage Using Conjugated Microporous Polymer Networks Synthesized from Buchwaldâ€“Hartwig Coupling. Advanced Materials, 2018, 30, e1705710.	21.0	239
58	Active Salt/Silicaâ€Templated 2D Mesoporous FeCoâ€N_xâ€Carbon as Bifunctional Oxygen Electrodes for Zincâ€“Air Batteries. Angewandte Chemie, 2018, 130, 1874-1880.	2.0	56
59	Ordered mesoporous WO_{2.83}: selective reduction synthesis, exceptional localized surface plasmon resonance and enhanced hydrogen evolution reaction activity. Journal of Materials Chemistry A, 2018, 6, 2249-2256.	10.3	76
60	Bifunctional Electrocatalysts for Overall Water Splitting from an Iron/Nickelâ€Based Bimetallic Metalâ€“Organic Framework/Dicyandiamide Composite. Angewandte Chemie, 2018, 130, 9059-9064.	2.0	81
61	Bifunctional Electrocatalysts for Overall Water Splitting from an Iron/Nickelâ€Based Bimetallic Metalâ€“Organic Framework/Dicyandiamide Composite. Angewandte Chemie - International Edition, 2018, 57, 8921-8926.	13.8	291
62	Tailoring of ordered mesoporous silica COK-12: Room temperature synthesis of mesocellular foam and multilamellar vesicles. Microporous and Mesoporous Materials, 2018, 267, 142-149.	4.4	22
63	Photocatalytic CO₂ Reduction by Mesoporous Polymeric Carbon Nitride Photocatalysts. Journal of Nanoscience and Nanotechnology, 2018, 18, 5636-5644.	0.9	16
64	Batch and continuous synthesis upscaling of powder and monolithic ordered mesoporous silica COK-12. Microporous and Mesoporous Materials, 2018, 256, 102-110.	4.4	17
65	Exploring the â€œGoldilocks Zoneâ€• of Semiconducting Polymer Photocatalysts by Donorâ€“Acceptor Interactions. Angewandte Chemie, 2018, 130, 14384-14388.	2.0	22
66	2Hâ€Naphthopyranâ€Based Threeâ€State Systems: From Solution Studies to Photoresponsive Organic/Inorganic Hybrid Materials. ChemPhotoChem, 2018, 2, 952-958.	3.0	3
67	Mg-Air Batteries: Atomic Fe-Nx Coupled Open-Mesoporous Carbon Nanofibers for Efficient and Bioadaptable Oxygen Electrode in Mg-Air Batteries (Adv. Mater. 40/2018). Advanced Materials, 2018, 30, 1870303.	21.0	2
68	A Metalâ€“Organic Framework with Tetrahedral Aluminate Sites as a Singleâ€Ion Li + Solid Electrolyte. Angewandte Chemie, 2018, 130, 16925-16929.	2.0	8
69	Facile Synthesis of Nitrogen-Rich Porous Organic Polymers for Latent Heat Energy Storage. ACS Applied Energy Materials, 2018, 1, 6535-6540.	5.1	40
70	A Metalâ€“Organic Framework with Tetrahedral Aluminate Sites as a Singleâ€Ion Li⁺ Solid Electrolyte. Angewandte Chemie - International Edition, 2018, 57, 16683-16687.	13.8	65
71	Water Splitting: Cobalt Nanocrystals Encapsulated in Heteroatom-Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution (Small 42/2018). Small, 2018, 14, 1870193.	10.0	4
72	Cobalt Nanocrystals Encapsulated in Heteroatomâ€Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution. Small, 2018, 14, e1803232.	10.0	27

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73	Relations between Structure, Activity and Stability in C3N4 Based Photocatalysts Used for Solar Hydrogen Production. Catalysts, 2018, 8, 52.	3.5	10
74	Exploring the â€œGoldilocks Zoneâ€•of Semiconducting Polymer Photocatalysts by Donorâ€“Acceptor Interactions. Angewandte Chemie - International Edition, 2018, 57, 14188-14192.	13.8	118
75	Stepwise Methaneâ€toâ€Methanol Conversion on CuO/SBAâ€15. Chemistry - A European Journal, 2018, 24, 12592-12599.	3.3	41
76	Atomic Feâ€“N_x Coupled Openâ€Mesoporous Carbon Nanofibers for Efficient and Bioadaptable Oxygen Electrode in Mgâ€“Air Batteries. Advanced Materials, 2018, 30, e1802669.	21.0	128
77	Fluorescent Sulphurâ€•and Nitrogenâ€Containing Porous Polymers with Tuneable Donorâ€“Acceptor Domains for Lightâ€Driven Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 11916-11921.	3.3	38
78	Boosting Visibleâ€Lightâ€Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphideâ€“Carbon Nitride System. Angewandte Chemie, 2017, 129, 1675-1679.	2.0	57
79	Boosting Visibleâ€Lightâ€Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphideâ€“Carbon Nitride System. Angewandte Chemie - International Edition, 2017, 56, 1653-1657.	13.8	261
80	Functional Graphene Nanomaterials Based Architectures: Biointeractions, Fabrications, and Emerging Biological Applications. Chemical Reviews, 2017, 117, 1826-1914.	47.7	425
81	Room-Temperature Activation of Hydrogen by Semi-immobilized Frustrated Lewis Pairs in Microporous Polymer Networks. Journal of the American Chemical Society, 2017, 139, 3615-3618.	13.7	84
82	Trends and challenges for microporous polymers. Chemical Society Reviews, 2017, 46, 3302-3321.	38.1	386
83	Conjugated Microporous Polycarbazole Networks as Precursors for Nitrogen-Enriched Microporous Carbons for CO₂ Storage and Electrochemical Capacitors. Chemistry of Materials, 2017, 29, 4885-4893.	6.7	140
84	Fast tuning of covalent triazine frameworks for photocatalytic hydrogen evolution. Chemical Communications, 2017, 53, 5854-5857.	4.1	206
85	Anionic silicate organic frameworks constructed from hexacoordinate silicon centres. Nature Chemistry, 2017, 9, 977-982.	13.6	133
86	Structureâ€“Thermodynamicâ€Property Relationships in Cyanovinylâ€Based Microporous Polymer Networks for the Future Design of Advanced Carbon Capture Materials. Advanced Functional Materials, 2017, 27, 1700233.	14.9	34
87	2D Porous Carbons prepared from Layered Organicâ€“Inorganic Hybrids and their Use as Oxygenâ€Reduction Electrocatalysts. Advanced Materials, 2017, 29, 1700707.	21.0	129
88	Solid-State Ion-Exchanged Cu/Mordenite Catalysts for the Direct Conversion of Methane to Methanol. ACS Catalysis, 2017, 7, 1403-1412.	11.2	102
89	Carbonâ€Based Microbialâ€Fuelâ€Cell Electrodes: From Conductive Supports to Active Catalysts. Advanced Materials, 2017, 29, 1602547.	21.0	252
90	Nitrogen-Rich Conjugated Microporous Polymers: Facile Synthesis, Efficient Gas Storage, and Heterogeneous Catalysis. ACS Applied Materials & Interfaces, 2017, 9, 38390-38400.	8.0	131

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91	Salt-templated porous carbonâ€“carbon composite electrodes for application in vanadium redox flow batteries. Journal of Materials Chemistry A, 2017, 5, 25193-25199.	10.3	17
92	Targeted control over the porosities and functionalities of conjugated microporous polycarbazole networks for CO₂-selective capture and H₂ storage. Polymer Chemistry, 2017, 8, 7240-7247.	3.9	48
93	Tailored Band Gaps in Sulfurâ€•and Nitrogenâ€Containing Porous Donorâ€“Acceptor Polymers. Chemistry - A European Journal, 2017, 23, 13023-13027.	3.3	35
94	General Route to High Surface Area Covalent Organic Frameworks and Their Metal Oxide Composites as Magnetically Recoverable Adsorbents and for Energy Storage. ACS Macro Letters, 2017, 6, 1444-1450.	4.8	81
95	Silica material variation for the MnxOy-Na2WO4/SiO2. Applied Catalysis A: General, 2016, 525, 168-179.	4.3	41
96	Oxidative coupling of methane on the Na2WO4-MnxOy catalyst: COK-12 as an inexpensive alternative to SBA-15. Catalysis Communications, 2016, 85, 75-78.	3.3	37
97	Copperâ€Free Sonogashira Coupling for Highâ€Surfaceâ€Area Conjugated Microporous Poly(aryleneethynylene) Networks. Chemistry - A European Journal, 2016, 22, 7179-7183.	3.3	56
98	Chemical RedOx Properties of a Donor-Acceptor Conjugated Microporous Dithienothiophene-Benzene co-Polymer FormedviaSuzuki-Miyaura Cross-coupling. ChemistrySelect, 2016, 1, 748-751.	1.5	5
99	Light-Switchable Polymers of Intrinsic Microporosity. Chemistry of Materials, 2016, 28, 8523-8529.	6.7	29
100	Donorâ€“Acceptorâ€Type Heptazineâ€Based Polymer Networks for Photocatalytic Hydrogen Evolution. Energy Technology, 2016, 4, 744-750.	3.8	102
101	Nickel as a co-catalyst for photocatalytic hydrogen evolution on graphitic-carbon nitride (sg-CN): what is the nature of the active species?. Chemical Communications, 2016, 52, 104-107.	4.1	147
102	Hydrogen Evolution Reaction in a Largeâ€Scale Reactor using a Carbon Nitride Photocatalyst under Natural Sunlight Irradiation. Energy Technology, 2015, 3, 1014-1017.	3.8	97
103	Reversible Doping of a Dithienothiopheneâ€Based Conjugated Microporous Polymer. Chemistry - A European Journal, 2015, 21, 9306-9311.	3.3	59
104	Complementing Graphenes: 1D Interplanar Charge Transport in Polymeric Graphitic Carbon Nitrides. Advanced Materials, 2015, 27, 7993-7999.	21.0	153
105	PdH_x Entrapped in a Covalent Triazine Framework Modulates Selectivity in Glycerol Oxidation. ChemCatChem, 2015, 7, 2149-2154.	3.7	30
106	Alumina coated nickel nanoparticles as a highly active catalyst for dry reforming of methane. Applied Catalysis B: Environmental, 2015, 179, 122-127.	20.2	108
107	Graphitic carbon nitride for photocatalytic degradation of sulfamethazine in aqueous solution under simulated sunlight irradiation. RSC Advances, 2015, 5, 105731-105734.	3.6	16
108	Microporous polymer network films covalently bound to gold electrodes. Chemical Communications, 2015, 51, 4283-4286.	4.1	29

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109	In situ synthesis of amide-imidate-imidazolate ligand and formation of metal-organic frameworks: Application for gas storage. Microporous and Mesoporous Materials, 2015, 216, 2-12.	4.4	10
110	Controlling hydrogenation selectivity with Pd catalysts on carbon nitrides functionalized silica. Journal of Catalysis, 2015, 326, 38-42.	6.2	36
111	Controlled Formation of Nickel Oxide Nanoparticles on Mesoporous Silica using Molecular Ni₄O₄ Clusters as Precursors: Enhanced Catalytic Performance for Dry Reforming of Methane. ChemCatChem, 2015, 7, 1280-1284.	3.7	25
112	Mesoporous Carbon Nitrideâ€Tungsten Oxide Composites for Enhanced Photocatalytic Hydrogen Evolution. ChemSusChem, 2015, 8, 1404-1410.	6.8	98
113	Quantifying the density and utilization of active sites in non-precious metal oxygen electroreduction catalysts. Nature Communications, 2015, 6, 8618.	12.8	461
114	Conversion of amorphous polymer networks to covalent organic frameworks under ionothermal conditions: a facile synthesis route for covalent triazine frameworks. Journal of Materials Chemistry A, 2015, 3, 24422-24427.	10.3	91
115	Structural Evolution of 2D Microporous Covalent Triazine-Based Framework toward the Study of High-Performance Supercapacitors. Journal of the American Chemical Society, 2015, 137, 219-225.	13.7	390
116	Ni0.05Mn0.95O catalysts for the dry reforming of methane. Catalysis Today, 2015, 242, 111-118.	4.4	37
117	Mechanism of NO reduction by CO over Pt/SBA-15. Catalysis Communications, 2014, 50, 69-72.	3.3	19
118	Support material variation for the Mn O -Na2WO4/SiO2 catalyst. Catalysis Today, 2014, 228, 5-14.	4.4	69
119	Triazineâ€Based Graphitic Carbon Nitride: a Twoâ€Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, 7450-7455.	13.8	523
120	A Sustainable Template for Mesoporous Zeolite Synthesis. Journal of the American Chemical Society, 2014, 136, 2715-2718.	13.7	123
121	Polymeric Carbon Nitride/Mesoporous Silica Composites as Catalyst Support for Au and Pt Nanoparticles. Chemistry - A European Journal, 2014, 20, 2872-2878.	3.3	57
122	Tuning porosity and activity of microporous polymer network organocatalysts by co-polymerisation. Chemical Communications, 2014, 50, 3347-3349.	4.1	30
123	Applying thermo-destabilization of microemulsions as a new method for co-catalyst loading on mesoporous polymeric carbon nitride â€“ towards large scale applications. RSC Advances, 2014, 4, 50017-50026.	3.6	13
124	Microporous Thioxanthone Polymers as Heterogeneous Photoinitiators for Visible Light Induced Free Radical and Cationic Polymerizations. Macromolecules, 2014, 47, 4607-4614.	4.8	109
125	A Tetrathiafulvalene (TTF)â€Conjugated Microporous Polymer Network. Chemistry - A European Journal, 2014, 20, 9543-9548.	3.3	47
126	Cationic microporous polymer networks by polymerisation of weakly coordinating cations with CO₂-storage ability. Journal of Materials Chemistry A, 2014, 2, 11825-11829.	10.3	81

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127	Noble-Metal-Free Electrocatalysts with Enhanced ORR Performance by Task-Specific Functionalization of Carbon using Ionic Liquid Precursor Systems. Journal of the American Chemical Society, 2014, 136, 14486-14497.	13.7	219
128	Solâ€“gel method for synthesis of Mnâ€“Na2WO4/SiO2 catalyst for methane oxidative coupling. Catalysis Today, 2014, 236, 12-22.	4.4	47
129	Structureâ€“Activity Relationships in Bulk Polymeric and Solâ€“Gel-Derived Carbon Nitrides during Photocatalytic Hydrogen Production. Chemistry of Materials, 2014, 26, 1727-1733.	6.7	108
130	Impact of the reaction conditions on the photocatalytic reduction of water on mesoporous polymeric carbon nitride under sunlight irradiation. International Journal of Hydrogen Energy, 2014, 39, 10108-10120.	7.1	18
131	Doping carbons beyond nitrogen: an overview of advanced heteroatom doped carbons with boron, sulphur and phosphorus for energy applications. Energy and Environmental Science, 2013, 6, 2839.	30.8	1,585
132	Room Temperature Synthesis of Heptazineâ€Based Microporous Polymer Networks as Photocatalysts for Hydrogen Evolution. Macromolecular Rapid Communications, 2013, 34, 1008-1013.	3.9	134
133	Cyanamide route to calciumâ€“manganese oxide foams for water oxidation. Dalton Transactions, 2013, 42, 16920.	3.3	29
134	25th Anniversary Article: â€œCooking Carbon with Saltâ€• Carbon Materials and Carbonaceous Frameworks from Ionic Liquids and Poly(ionic liquid)s. Advanced Materials, 2013, 25, 5838-5855.	21.0	177
135	One-Pot Synthesis of Supported, Nanocrystalline Nickel Manganese Oxide for Dry Reforming of Methane. ACS Catalysis, 2013, 3, 224-229.	11.2	72
136	A One-Pot Approach to Mesoporous Metal Oxide Ultrathin Film Electrodes Bearing One Metal Nanoparticle per Pore with Enhanced Electrocatalytic Properties. Chemistry of Materials, 2013, 25, 4645-4652.	6.7	18
137	Anionische, mikroporÃ¶se Polymernetzwerke durch Polymerisation eines schwach koordinierenden Anions. Angewandte Chemie, 2013, 125, 12396-12400.	2.0	32
138	Threeâ€Dimensional Macroscopic Assemblies of Lowâ€Dimensional Carbon Nitrides for Enhanced Hydrogen Evolution. Angewandte Chemie - International Edition, 2013, 52, 11083-11087.	13.8	278
139	Tuning of gallery heights in a crystalline 2D carbon nitride network. Journal of Materials Chemistry A, 2013, 1, 1102-1107.	10.3	98
140	Quantification of photocatalytic hydrogen evolution. Physical Chemistry Chemical Physics, 2013, 15, 3466.	2.8	80
141	A polymer analogous reaction for the formation of imidazolium and NHC based porous polymer networks. Polymer Chemistry, 2013, 4, 1848.	3.9	70
142	Covalent Triazine Frameworks Prepared from 1,3,5-Tricyanobenzene. Chemistry of Materials, 2013, 25, 1542-1548.	6.7	363
143	Imidazoliumâ€functionalized SBAâ€15 type silica: efficient organocatalysts for Henry and cycloaddition reactions. Applied Organometallic Chemistry, 2013, 27, 290-299.	3.5	28
144	Microporous Polymer Networks (MPNs) Made in Metal-Free Regimes: Systematic Optimization of a Synthetic Protocol toward N-Arylcarbazole-Based MPNs. ACS Macro Letters, 2013, 2, 380-383.	4.8	29

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145	Exfoliation of Crystalline 2D Carbon Nitride: Thin Sheets, Scrolls and Bundles via Mechanical and Chemical Routes. Macromolecular Rapid Communications, 2013, 34, 850-854.	3.9	74
146	Solar hydrogen evolution using metal-free photocatalytic polymeric carbon nitride/CuInS2 composites as photocathodes. Journal of Materials Chemistry A, 2013, , .	10.3	22
147	From Melamineâ€Cyanuric Acid Supramolecular Aggregates to Carbon Nitride Hollow Spheres. Advanced Functional Materials, 2013, 23, 3661-3667.	14.9	737
148	Nitrogen- and phosphorus-co-doped carbons with tunable enhanced surface areas promoted by the doping additives. Chemical Communications, 2013, 49, 1208.	4.1	139
149	An Anionic Microporous Polymer Network Prepared by the Polymerization of Weakly Coordinating Anions. Angewandte Chemie - International Edition, 2013, 52, 12174-12178.	13.8	133
150	Development of a Reactor for Standardized Quantification of the Photocatalytic Hydrogen Production. Chemie-Ingenieur-Technik, 2013, 85, 500-507.	0.8	4
151	Nanoporous Polymers. , 2013, , 1-42.		5
152	Dicyanamide Ionic Liquids: A Versatile Precursor System for Advanced Mesoporous Materials and Functional Composites. Materials Research Society Symposia Proceedings, 2012, 1473, 13.	0.1	0
153	Intrinsically Sulfurâ€•and Nitrogenâ€Coâ€doped Carbons from Thiazolium Salts. Chemistry - A European Journal, 2012, 18, 15416-15423.	3.3	76
154	Nitrogen-doped coatings on carbon nanotubes and their stabilizing effect on Pt nanoparticles. Physical Chemistry Chemical Physics, 2012, 14, 6444.	2.8	92
155	Mixed gas adsorption of carbon dioxide and methane on a series of isoreticular microporous metalâ€“organic frameworks based on 2-substituted imidazolate-4-amide-5-imidates. Journal of Materials Chemistry, 2012, 22, 10221.	6.7	22
156	Covalent Triazine Frameworks as Heterogeneous Catalysts for the Synthesis of Cyclic and Linear Carbonates from Carbon Dioxide and Epoxides. ChemSusChem, 2012, 5, 1793-1799.	6.8	237
157	Ionic Nanoparticle Networks as Solid State Catalysts. European Journal of Inorganic Chemistry, 2012, 2012, 5305-5311.	2.0	11
158	One-Pot Synthesis of Metal-Doped Mesoporous Materials from (Dicyanamido)metallate Precursors. European Journal of Inorganic Chemistry, 2012, 2012, 4105-4116.	2.0	7
159	Terephthalonitrile-derived nitrogen-rich networks for high performance supercapacitors. Energy and Environmental Science, 2012, 5, 9747.	30.8	171
160	Functional Carbon Materials From Ionic Liquid Precursors. Macromolecular Chemistry and Physics, 2012, 213, 1132-1145.	2.2	99
161	A Microporous Binolâ€Derived Phosphoric Acid. Angewandte Chemie - International Edition, 2012, 51, 5456-5459.	13.8	134
162	Influence of Periodic Nitrogen Functionality on the Selective Oxidation of Alcohols. Chemistry - an Asian Journal, 2012, 7, 387-393.	3.3	57

#	Article	IF	Citations
163	An Isoreticular Family of Microporous Metalâ€“Organic Frameworks Based on Zinc and 2â€Substituted Imidazolateâ€4â€amideâ€5â€imidate: Syntheses, Structures and Properties. Chemistry - A European Journal, 2012, 18, 11630-11640.	3.3	26
164	Metalâ€Free Photocatalytic Graphitic Carbon Nitride on pâ€Type Chalcopyrite as a Composite Photocathode for Lightâ€Induced Hydrogen Evolution. ChemSusChem, 2012, 5, 1227-1232.	6.8	53
165	Two-step synthesis of Fe₂O₃and Co₃O₄nanoparticles: towards a general method for synthesizing nanocrystalline metal oxides with high surface area and thermal stability. RSC Advances, 2012, 2, 121-124.	3.6	7
166	A Molecular Precursor Approach to Tunable Porous Tin-Rich Indium Tin Oxide with Durable High Electrical Conductivity for Bioelectronic Devices. Chemistry of Materials, 2011, 23, 1798-1804.	6.7	47
167	Supported Cobalt Oxide Nanoparticles As Catalyst for Aerobic Oxidation of Alcohols in Liquid Phase. ACS Catalysis, 2011, 1, 342-347.	11.2	184
168	Tunable absorption and emission wavelength in conjugated microporous polymers by copolymerization. Polymer Chemistry, 2011, 2, 1950.	3.9	51
169	Aromatic, microporous polymer networks with high surface area generated in Friedelâ€“Crafts-type polycondensations. Polymer Chemistry, 2011, 2, 2186.	3.9	46
170	Microporous sulfur-doped carbon from thienyl-based polymer network precursors. Chemical Communications, 2011, 47, 8283.	4.1	152
171	Synthesis of mesoporous composite materials of nitrogen-doped carbon and silica using a reactive surfactant approach. Journal of Materials Chemistry, 2011, 21, 15537.	6.7	31
172	Facile one-pot synthesis of Pt nanoparticles /SBA-15: an active and stable material for catalytic applications. Energy and Environmental Science, 2011, 4, 2020.	30.8	49
173	Mesoporous carbon nitrideâ€“silica composites by a combined solâ€“gel/thermal condensation approach and their application as photocatalysts. Energy and Environmental Science, 2011, 4, 4668.	30.8	239
174	High-Surface-Area SBA-15 with Enhanced Mesopore Connectivity by the Addition of Poly(vinyl alcohol). Chemistry of Materials, 2011, 23, 2062-2067.	6.7	63
175	Condensed Graphitic Carbon Nitride Nanorods by Nanoconfinement: Promotion of Crystallinity on Photocatalytic Conversion. Chemistry of Materials, 2011, 23, 4344-4348.	6.7	393
176	A Chiral Microporous Polymer Network as Asymmetric Heterogeneous Organocatalyst. Advanced Synthesis and Catalysis, 2011, 353, 3101-3106.	4.3	92
177	Triazineâ€Based Polymers as Nanostructured Supports for the Liquidâ€Phase Oxidation of Alcohols. Chemistry - A European Journal, 2011, 17, 1052-1057.	3.3	106
178	Reaction Mechanism of Aerobic Oxidation of Alcohols Conducted on Activatedâ€Carbonâ€Supported Cobalt Oxide Catalysts. Chemistry - A European Journal, 2011, 17, 7112-7117.	3.3	63
179	Making Metalï¿¿Carbon Nitride Heterojunctions for Improved Photocatalytic Hydrogen Evolution with Visible Light. ChemCatChem, 2010, 2, 834-838.	3.7	287
180	Covalent Triazine Framework as Catalytic Support for Liquid Phase Reaction. Nano Letters, 2010, 10, 537-541.	9.1	363

#	Article	IF	Citations
181	Mesoporous Indium Tin Oxide as a Novel Platform for Bioelectronics. ChemCatChem, 2010, 2, 839-845.	3.7	49
182	Dendritic Coreâ€“Multishell Polymer Templates for the Synthesis of Pt Nanoparticleâ€Loaded Porous Silica and their Application as Catalysts for the Enantioselective Hydrogenation of Ethyl Pyruvate. ChemCatChem, 2010, 2, 807-811.	3.7	15
183	A Carbon/Titanium Vanadium Nitride Composite for Lithium Storage. ChemPhysChem, 2010, 11, 3219-3223.	2.1	49
184	Development of Molecular and Solid Catalysts for the Direct Lowâ€Temperature Oxidation of Methane to Methanol. ChemSusChem, 2010, 3, 277-282.	6.8	80
185	A Zeroâ€Emission Fuel Cell that uses Carbonaceous Colloids from Biomass Waste as Fuel Source. ChemSusChem, 2010, 3, 223-225.	6.8	6
186	Metalâ€Free Heterogeneous Catalysis for Sustainable Chemistry. ChemSusChem, 2010, 3, 169-180.	6.8	536
187	Editorial: Nanochemical Concepts for a Sustainable Energy Supply. ChemSusChem, 2010, 3, 120-120.	6.8	5
188	Ionic Liquids as Precursors for Nitrogenâ€Doped Graphitic Carbon. Advanced Materials, 2010, 22, 87-92.	21.0	574
189	Rational Extension of the Family of Layered, Covalent, Triazineâ€Based Frameworks with Regular Porosity. Advanced Materials, 2010, 22, 2202-2205.	21.0	465
190	In Situ Synthesis of an Imidazolateâ€4â€amideâ€5â€imidate Ligand and Formation of a Microporous Zincâ€“Organic Framework with H₂â€and CO₂â€Storage Ability. Angewandte Chemie - International Edition, 2010, 49, 1258-1262.	13.8	126
191	Functional Materials: From Hard to Soft Porous Frameworks. Angewandte Chemie - International Edition, 2010, 49, 8328-8344.	13.8	724
192	Cubic Mesoporous Graphitic Carbon(IV) Nitride: An Allâ€inâ€One Chemosensor for Selective Optical Sensing of Metal Ions. Angewandte Chemie - International Edition, 2010, 49, 9706-9710.	13.8	266
193	Enhancing Metalâ€Support Interaction in Heterogeneous Catalysts using Functional Supports. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2045-2045.	1.2	0
194	Ionothermal Route to Layered Two-Dimensional Polymer-Frameworks Based on Heptazine Linkers. Macromolecules, 2010, 43, 6639-6645.	4.8	61
195	Mesoporous Melamine Resins by Soft Templating of Block-co-Polymer Mesophases. Chemistry of Materials, 2010, 22, 428-434.	6.7	90
196	Acid catalyzed synthesis of carbonyl-functionalized microporous ladder polymers with high surface area. Polymer Chemistry, 2010, 1, 283.	3.9	55
197	A detailed view on the polycondensation of ionic liquid monomers towards nitrogen doped carbon materials. Journal of Materials Chemistry, 2010, 20, 6746.	6.7	247
198	Graphitic carbon nitride as a metal-free catalyst for NO decomposition. Chemical Communications, 2010, 46, 6965.	4.1	186

#	Article	IF	Citations
199	Micropore Analysis of Polymer Networks by Gas Sorption and ¹²⁹Xe NMR Spectroscopy: Toward a Better Understanding of Intrinsic Microporosity. Langmuir, 2010, 26, 15650-15656.	3.5	165
200	Synthesis of Microporous Carbon Nanofibers and Nanotubes from Conjugated Polymer Network and Evaluation in Electrochemical Capacitor. Advanced Functional Materials, 2009, 19, 2125-2129.	14.9	172
201	Templateâ€Free Tuning of Nanopores in Carbonaceous Polymers through Ionothermal Synthesis. Advanced Materials, 2009, 21, 897-901.	21.0	120
202	Metalâ€Containing Carbon Nitride Compounds: A New Functional Organicâ€“Metal Hybrid Material. Advanced Materials, 2009, 21, 1609-1612.	21.0	1,160
203	Microporous Conjugated Poly(thienylene arylene) Networks. Advanced Materials, 2009, 21, 702-705.	21.0	281
204	Mesoporous, 2D Hexagonal Carbon Nitride and Titanium Nitride/Carbon Composites. Advanced Materials, 2009, 21, 4270-4274.	21.0	309
205	Porous Polymers: Enabling Solutions for Energy Applications. Macromolecular Rapid Communications, 2009, 30, 221-236.	3.9	183
206	Bridging the Materials Gap in Catalysis: Entrapment of Molecular Catalysts in Functional Supports and Beyond. Angewandte Chemie - International Edition, 2009, 48, 1890-1892.	13.8	41
207	Solid Catalysts for the Selective Lowâ€Temperature Oxidation of Methane to Methanol. Angewandte Chemie - International Edition, 2009, 48, 6909-6912.	13.8	528
208	A metal-free polymeric photocatalyst for hydrogen production from water under visibleÂlight. Nature Materials, 2009, 8, 76-80.	27.5	10,442
209	Perovskite-type mixed oxides as catalytic material for NO removal. Applied Catalysis B: Environmental, 2009, 92, 225-233.	20.2	193
210	Metal-Free Phenanthrenequinone Cyclotrimer as an Effective Heterogeneous Catalyst. Journal of the American Chemical Society, 2009, 131, 11296-11297.	13.7	84
211	Binaphthalene-Based, Soluble Polyimides: The Limits of Intrinsic Microporosity. Macromolecules, 2009, 42, 8017-8020.	4.8	82
212	Carbon Colloids Prepared by Hydrothermal Carbonization as Efficient Fuel for Indirect Carbon Fuel Cells. Chemistry of Materials, 2009, 21, 1170-1172.	6.7	63
213	Activation of Carbon Nitride Solids by Protonation: Morphology Changes, Enhanced Ionic Conductivity, and Photoconduction Experiments. Journal of the American Chemical Society, 2009, 131, 50-51.	13.7	721
214	Conjugated Microporous Polymer Networks via Yamamoto Polymerization. Macromolecules, 2009, 42, 4426-4429.	4.8	339
215	Toward Tailorable Porous Organic Polymer Networks: A High-Temperature Dynamic Polymerization Scheme Based on Aromatic Nitriles. Macromolecules, 2009, 42, 319-326.	4.8	307
216	Organic materials for hydrogen storage applications: from physisorption on organic solids to chemisorption in organic molecules. Energy and Environmental Science, 2009, 2, 480.	30.8	160

#	Article	IF	Citations
217	Chlorine borrowing: an efficient method for an easier use of alcohols as alkylation agents. Green Chemistry, 2009, 11, 34-37.	9.0	17
218	Catalyst-free Preparation of Melamine-Based Microporous Polymer Networks through Schiff Base Chemistry. Journal of the American Chemical Society, 2009, 131, 7216-7217.	13.7	579
219	Electrospun Silicaâ€"Polybenzimidazole Nanocomposite Fibers. Macromolecular Materials and Engineering, 2008, 293, 815-819.	3.6	18
220	Ionothermal Synthesis of Crystalline, Condensed, Graphitic Carbon Nitride. Chemistry - A European Journal, 2008, 14, 8177-8182.	3.3	1,040
221	Highâ€Surfaceâ€Area TiO₂ and TiN as Catalysts for the Cï£¿C Coupling of Alcohols and Ketones. ChemSusChem, 2008, 1, 444-449.	6.8	79
222	Porous, Covalent Triazineâ€Based Frameworks Prepared by Ionothermal Synthesis. Angewandte Chemie - International Edition, 2008, 47, 3450-3453.	13.8	2,138
223	Proton Conductivity Enhancement by Nanostructural Control of Poly(benzimidazole)â€Phosphoric Acid Adducts. Advanced Materials, 2008, 20, 2595-2598.	21.0	172
224	Graphitic carbon nitride materials: variation of structure and morphology and their use as metal-free catalysts. Journal of Materials Chemistry, 2008, 18, 4893.	6.7	2,891
225	Toward Stable Interfaces in Conjugated Polymers: Microporous Poly(p-phenylene) and Poly(phenyleneethynylene) Based on a Spirobifluorene Building Block. Journal of the American Chemical Society, 2008, 130, 6334-6335.	13.7	420
226	Microporous Networks of High-Performance Polymers: Elastic Deformations and Gas Sorption Properties. Macromolecules, 2008, 41, 2880-2885.	4.8	297
227	From Microporous Regular Frameworks to Mesoporous Materials with Ultrahigh Surface Area: Dynamic Reorganization of Porous Polymer Networks. Journal of the American Chemical Society, 2008, 130, 13333-13337.	13.7	512
228	A mesoporous poly(benzimidazole) network as a purely organic heterogeneous catalyst for the Knoevenagel condensation. Catalysis Communications, 2008, 10, 243-247.	3.3	49
229	Synthesis of Ternary Metal Nitride Nanoparticles Using Mesoporous Carbon Nitride as Reactive Template. ACS Nano, 2008, 2, 2489-2496.	14.6	147
230	Hard Templates for Soft Materials: Creating Nanostructured Organic Materials. Chemistry of Materials, 2008, 20, 738-755.	6.7	362
231	Synthesis of High-Surface-Area TiN/Carbon Composite Materials with Hierarchical Porosity via â€œReactive Templatingâ€• Chemistry of Materials, 2008, 20, 7383-7389.	6.7	43
232	Tunable Porosity in Bridged Organosilicas Using Self-Organizing Precursors. Langmuir, 2008, 24, 12539-12546.	3.5	5
233	â€œEverything is surfaceâ€• tunable polymer organic frameworks with ultrahigh dye sorption capacity. Chemical Communications, 2008, , 5815.	4.1	66
234	Carbon/nanostructured Ru composites as electrodes for supercapacitors. New Carbon Materials, 2007, 22, 302-306.	6.1	15

#	Article	IF	Citations
235	A Direct Synthesis of Mesoporous Carbons with Bicontinuous Pore Morphology from Crude Plant Material by Hydrothermal Carbonization. Chemistry of Materials, 2007, 19, 4205-4212.	6.7	441
236	Aminated hydrophilic ordered mesoporous carbons. Journal of Materials Chemistry, 2007, 17, 3412.	6.7	164
237	Adsorption of Pyruvic and Succinic Acid by Amine-Functionalized SBA-15 for the Purification of Succinic Acid from Fermentation Broth. Journal of Physical Chemistry C, 2007, 111, 13076-13086.	3.1	54
238	Mesoporous graphitic carbon nitride as a versatile, metal-free catalyst for the cyclisation of functional nitriles and alkynes. New Journal of Chemistry, 2007, 31, 1455.	2.8	95
239	Back in the black: hydrothermal carbonization of plant material as an efficient chemical process to treat the CO2 problem?. New Journal of Chemistry, 2007, 31, 787.	2.8	410
240	Assembly of spherical micelles in 2D physical confinements and their replication into mesoporous silica nanorods. Journal of Materials Chemistry, 2007, 17, 4558.	6.7	24
241	Organosilicas with Chiral Bridges and Self-Generating Mesoporosity. Chemistry of Materials, 2007, 19, 2649-2657.	6.7	59
242	Mesoporous Poly(benzimidazole) NetworksviaSolvent Mediated Templating of Hard Spheres. Macromolecules, 2007, 40, 1299-1304.	4.8	86
243	Metal-Free Activation of CO2 by Mesoporous Graphitic Carbon Nitride. Angewandte Chemie - International Edition, 2007, 46, 2717-2720.	13.8	343
244	One-Dimensional Porous Carbon/Platinum Composites for Nanoscale Electrodes. Angewandte Chemie - International Edition, 2007, 46, 3464-3467.	13.8	58
245	Mimicking Biosilicification: Programmed Coassembly of Peptideâ€“Polymer Nanotapes and Silica. Angewandte Chemie - International Edition, 2007, 46, 9023-9026.	13.8	81
246	Metallfreie Aktivierung von CO2 mit mesoporÃ¶sem graphitischem Kohlenstoffnitrid. Angewandte Chemie, 2007, 119, 2773-2776.	2.0	52
247	Replication and Coating of Silica Templates by Hydrothermal Carbonization. Advanced Functional Materials, 2007, 17, 1010-1018.	14.9	244
248	Growth Confined by the Nitrogen Source: Synthesis of Pure Metal Nitride Nanoparticles in Mesoporous Graphitic Carbon Nitride. Advanced Materials, 2007, 19, 264-267.	21.0	159
249	A Novel Approach Towards Carbonâ€“Ru Electrodes with Mesoporosity for Supercapacitors. ChemPhysChem, 2007, 8, 1013-1015.	2.1	17
250	Exploring Polymers of Intrinsic Microporosity â€“ Microporous, Soluble Polyamide and Polyimide. Macromolecular Rapid Communications, 2007, 28, 1871-1876.	3.9	240
251	A Generalized Synthesis of Metal Oxide Hollow Spheres Using a Hydrothermal Approach. Chemistry of Materials, 2006, 18, 3808-3812.	6.7	627
252	Metal-free catalysis of sustainable Friedelâ€“Crafts reactions: direct activation of benzene by carbon nitrides to avoid the use of metal chlorides and halogenated compounds. Chemical Communications, 2006, , 4530-4532.	4.1	228

#	Article	IF	Citations
253	Chemical Synthesis of Mesoporous Carbon Nitrides Using Hard Templates and Their Use as a Metal-Free Catalyst for Friedelâ€“Crafts Reaction of Benzene. Angewandte Chemie - International Edition, 2006, 45, 4467-4471.	13.8	904
254	Synthesis and characterization of highly amine functionalized mesoporous organosilicas by an â€œall-in-oneâ€•approach. Journal of Materials Chemistry, 2005, 15, 4010.	6.7	40
255	Nanoparticles and Nanosheets of Aromatic Polyimides via Polycondensation in Controlled Pore Geometries. Macromolecules, 2004, 37, 4360-4364.	4.8	20
256	Synthesis and Opto-Electronic Properties of Cholesteric Cellulose Esters. Cellulose, 2003, 10, 37-52.	4.9	13
257	Silica Nanocasting of Simple Cellulose Derivatives: Towards Chiral Pore Systems with Long-Range Order and Chiral Optical Coatings. Advanced Functional Materials, 2003, 13, 763-766.	14.9	82
258	In situ cyclodextrin-based homogeneous incorporation of metal (M = Pd, Pt, Ru) nanoparticles into silica with bimodal pore structureElectronic supplementary information (ESI) available: SEM images and isotherm N2 sorption of the cyclodextrin-based homogeneous incorporation of Pd nanoparticles into silica with bimodal pore structure. See http://www.rsc.org/suppdata/cc/b2/b210590j/. Chemical Communications, 2003, , 262-263.	4.1	14
259	Influence of Spatial Restrictions on Equilibrium Reactions:â€‰ A Case Study about the Excimer Formation of Pyrene. Journal of Physical Chemistry B, 2003, 107, 5081-5087.	2.6	48
260	Replication of Lyotropic Block Copolymer Mesophases into Porous Silica by Nanocasting:Â Learning about Finer Details of Polymer Self-Assembly. Langmuir, 2003, 19, 4455-4459.	3.5	181