Arne Thomas

List of Publications by Year
in descending order

260 papers	52,858 citations	1883 102 h-index	1250 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, .	1.6	2
2	Superstructures of Organicâ€“Polyoxometalate Coâ€crystals as Precursors for Hydrogen Evolution Electrocatalysts. Angewandte Chemie - International Edition, 2022, 61, .	7.2	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.	1.6	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, .	1.6	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.	2.1	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, .	7.2	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.	6.6	115
8	Finding the Sweet Spot of Photocatalysisâ”€A Case Study Using Bipyridine-Based CTFs. ACS Applied Materials & Interfaces, 2022, 14, 14182-14192.	4.0	22
9	Macroscale Conjugated Microporous Polymers: Controlling Versatile Functionalities Over Several Dimensions. Advanced Materials, 2022, 34, e2104952.	11.1	65
10	Acridineâ€Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic Câˆ’N Crossâ€Coupling. Angewandte Chemie, 2022, 134, .	1.6	6
11	Acridineâ€Functionalized Covalent Organic Frameworks (COFs) as Photocatalysts for Metallaphotocatalytic Câˆ’N Crossâ€Coupling. Angewandte Chemie - International Edition, 2022, 61, .	7.2	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.	4.0	28
13	Design of an active and stable catalyst for dry reforming of methane via molecular layer deposition. Catalysis Today, 2021, 362, 47-54.	2.2	29
14	Design of PtZn nanoalloy catalysts for propane dehydrogenation through interface tailoring <i>via</i> atomic layer deposition. Catalysis Science and Technology, 2021, 11, 484-493.	2.1	39
15	Promoting Photocatalytic Hydrogen Evolution Activity of Graphitic Carbon Nitride with Holeâ€Transfer Agents. ChemSusChem, 2021, 14, 306-312.	3.6	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.	3.7	40
17	Rational design of tandem catalysts using a coreâ€“shell structure approach. Nanoscale Advances, 2021, 3, 3454-3459.	2.2	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.	4.3	11

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19	Oxygen-evolving catalytic atoms on metal carbides. Nature Materials, 2021, 20, 1240-1247.	13.3	235
20	Protonated Imineâ€Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 19797-19803.	7.2	171
21	Protonated Imineâ€Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. Angewandte Chemie, 2021, 133, 19950-19956.	1.6	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.	3.3	13
23	Palladium nanoparticles on modified cellulose as a novel catalyst for low temperature gas reactions. Cellulose, 2021, 28, 9135-9147.	2.4	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.	5.2	7
25	Covalent organic frameworks (COFs) for electrochemical applications. Chemical Society Reviews, 2021, 50, 6871-6913.	18.7	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.	2.0	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.	5.8	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.	3.2	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.	6.6	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.	6.6	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.	3.2	57
33	Ultralight covalent organic framework/graphene aerogels with hierarchical porosity. Nature Communications, 2020, 11, 4712.	5.8	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.	1.6	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.	7.2	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.	6.6	21

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37	Cobaltâ€Exchanged Poly(Heptazine Imides) as Transition Metalâ€"N<i>_x</i> Electrocatalysts for the Oxygen Evolution Reaction. Advanced Materials, 2020, 32, e1903942.	11.1	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.	2.1	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.	1.9	15
40	Donorâ€"acceptor covalent organic frameworks for visible light induced free radical polymerization. Chemical Science, 2019, 10, 8316-8322.	3.7	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.	7.8	126
42	Vinyleneâ€Linked Covalent Organic Frameworks by Baseâ€Catalyzed Aldol Condensation. Angewandte Chemie - International Edition, 2019, 58, 14865-14870.	7.2	205
43	Vinyleneâ€Linked Covalent Organic Frameworks by Baseâ€Catalyzed Aldol Condensation. Angewandte Chemie, 2019, 131, 15007-15012.	1.6	39
44	Influence of MoS2 on Activity and Stability of Carbon Nitride in Photocatalytic Hydrogen Production. Catalysts, 2019, 9, 695.	1.6	15
45	XPS studies on dispersed and immobilised carbon nitrides used for dye degradation. Photochemical and Photobiological Sciences, 2019, 18, 1833-1839.	1.6	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.	5.5	79
47	Macro/Microporous Covalent Organic Frameworks for Efficient Electrocatalysis. Journal of the American Chemical Society, 2019, 141, 6623-6630.	6.6	340
48	Silica-Templated Covalent Organic Framework-Derived Feâ€"N-Doped Mesoporous Carbon as Oxygen Reduction Electrocatalyst. Chemistry of Materials, 2019, 31, 3274-3280.	3.2	108
49	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO₂ Photoreduction. ACS Catalysis, 2019, 9, 3959-3968.	5.5	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.	5.5	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.	7.8	104
52	Tuning the Porosity and Photocatalytic Performance of Triazineâ€Based Graphdiyne Polymers through Polymorphism. ChemSusChem, 2019, 12, 194-199.	3.6	39
53	3D Anionic Silicate Covalent Organic Framework with srs Topology. Journal of the American Chemical Society, 2018, 140, 5330-5333.	6.6	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.	4.0	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.	6.6	646
56	Active Salt/Silicaâ€Templated 2D Mesoporous FeCoâ€N_{<i>x</i>}â€Carbon as Bifunctional Oxygen Electrodes for Zincâ€"Air Batteries. Angewandte Chemie - International Edition, 2018, 57, 1856-1862.	7.2	340
57	Efficient Supercapacitor Energy Storage Using Conjugated Microporous Polymer Networks Synthesized from Buchwaldâ€"Hartwig Coupling. Advanced Materials, 2018, 30, e1705710.	11.1	239
58	Active Salt/Silicaâ€Templated 2D Mesoporous FeCoâ€N_{<i>x</i>}â€Carbon as Bifunctional Oxygen Electrodes for Zincâ€"Air Batteries. Angewandte Chemie, 2018, 130, 1874-1880.	1.6	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.	5.2	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.	1.6	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.	7.2	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.	2.2	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.	2.2	17
65	Exploring the â€œGoldilocks Zoneâ€•of Semiconducting Polymer Photocatalysts by Donorâ€"Acceptor Interactions. Angewandte Chemie, 2018, 130, 14384-14388.	1.6	22
66	2<i>H</i>â€Naphthopyranâ€Based Threeâ€State Systems: From Solution Studies to Photoresponsive Organic/Inorganic Hybrid Materials. ChemPhotoChem, 2018, 2, 952-958.	1.5	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.	11.1	2
68	A Metalâ€"Organic Framework with Tetrahedral Aluminate Sites as a Singleâ€Ion Li + Solid Electrolyte. Angewandte Chemie, 2018, 130, 16925-16929.	1.6	8
69	Facile Synthesis of Nitrogen-Rich Porous Organic Polymers for Latent Heat Energy Storage. ACS Applied Energy Materials, 2018, 1, 6535-6540.	2.5	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.	7.2	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.	5.2	4
72	Cobalt Nanocrystals Encapsulated in Heteroatomâ€Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution. Small, 2018, 14, e1803232.	5.2	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.	1.6	10
74	Exploring the â€œGoldilocks Zoneâ€•of Semiconducting Polymer Photocatalysts by Donorâ€"Acceptor Interactions. Angewandte Chemie - International Edition, 2018, 57, 14188-14192.	7.2	118
75	Stepwise Methaneâ€toâ€Methanol Conversion on CuO/SBAâ€15. Chemistry - A European Journal, 2018, 24, 12592-12599.	1.7	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.	11.1	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.	1.7	38
78	Boosting Visibleâ€Lightâ€Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphideâ€"Carbon Nitride System. Angewandte Chemie, 2017, 129, 1675-1679.	1.6	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.	7.2	261
80	Functional Graphene Nanomaterials Based Architectures: Biointeractions, Fabrications, and Emerging Biological Applications. Chemical Reviews, 2017, 117, 1826-1914.	23.0	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.	6.6	84
82	Trends and challenges for microporous polymers. Chemical Society Reviews, 2017, 46, 3302-3321.	18.7	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.	3.2	140
84	Fast tuning of covalent triazine frameworks for photocatalytic hydrogen evolution. Chemical Communications, 2017, 53, 5854-5857.	2.2	206
85	Anionic silicate organic frameworks constructed from hexacoordinate silicon centres. Nature Chemistry, 2017, 9, 977-982.	6.6	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.	7.8	34
87	2D Porous Carbons prepared from Layered Organicâ€"Inorganic Hybrids and their Use as Oxygenâ€Reduction Electrocatalysts. Advanced Materials, 2017, 29, 1700707.	11.1	129
88	Solid-State Ion-Exchanged Cu/Mordenite Catalysts for the Direct Conversion of Methane to Methanol. ACS Catalysis, 2017, 7, 1403-1412.	5.5	102
89	Carbonâ€Based Microbialâ€Fuelâ€Cell Electrodes: From Conductive Supports to Active Catalysts. Advanced Materials, 2017, 29, 1602547.	11.1	252
90	Nitrogen-Rich Conjugated Microporous Polymers: Facile Synthesis, Efficient Gas Storage, and Heterogeneous Catalysis. ACS Applied Materials & Interfaces, 2017, 9, 38390-38400.	4.0	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.	5.2	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.	1.9	48
93	Tailored Band Gaps in Sulfurâ€•and Nitrogenâ€Containing Porous Donorâ€“Acceptor Polymers. Chemistry - A European Journal, 2017, 23, 13023-13027.	1.7	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.	2.3	81
95	Silica material variation for the MnxOy-Na2WO4/SiO2. Applied Catalysis A: General, 2016, 525, 168-179.	2.2	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.	1.6	37
97	Copperâ€Free Sonogashira Coupling for Highâ€Surfaceâ€Area Conjugated Microporous Poly(aryleneethynylene) Networks. Chemistry - A European Journal, 2016, 22, 7179-7183.	1.7	56
98	Chemical RedOx Properties of a Donor-Acceptor Conjugated Microporous Dithienothiophene-Benzene co-Polymer FormedviaSuzuki-Miyaura Cross-coupling. ChemistrySelect, 2016, 1, 748-751.	0.7	5
99	Light-Switchable Polymers of Intrinsic Microporosity. Chemistry of Materials, 2016, 28, 8523-8529.	3.2	29
100	Donorâ€“Acceptorâ€Type Heptazineâ€Based Polymer Networks for Photocatalytic Hydrogen Evolution. Energy Technology, 2016, 4, 744-750.	1.8	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.	2.2	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.	1.8	97
103	Reversible Doping of a Dithienothiopheneâ€Based Conjugated Microporous Polymer. Chemistry - A European Journal, 2015, 21, 9306-9311.	1.7	59
104	Complementing Graphenes: 1D Interplanar Charge Transport in Polymeric Graphitic Carbon Nitrides. Advanced Materials, 2015, 27, 7993-7999.	11.1	153
105	PdH_{<i>x</i>} Entrapped in a Covalent Triazine Framework Modulates Selectivity in Glycerol Oxidation. ChemCatChem, 2015, 7, 2149-2154.	1.8	30
106	Alumina coated nickel nanoparticles as a highly active catalyst for dry reforming of methane. Applied Catalysis B: Environmental, 2015, 179, 122-127.	10.8	108
107	Graphitic carbon nitride for photocatalytic degradation of sulfamethazine in aqueous solution under simulated sunlight irradiation. RSC Advances, 2015, 5, 105731-105734.	1.7	16
108	Microporous polymer network films covalently bound to gold electrodes. Chemical Communications, 2015, 51, 4283-4286.	2.2	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.	2.2	10
110	Controlling hydrogenation selectivity with Pd catalysts on carbon nitrides functionalized silica. Journal of Catalysis, 2015, 326, 38-42.	3.1	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.	1.8	25
112	Mesoporous Carbon Nitrideâ€Tungsten Oxide Composites for Enhanced Photocatalytic Hydrogen Evolution. ChemSusChem, 2015, 8, 1404-1410.	3.6	98
113	Quantifying the density and utilization of active sites in non-precious metal oxygen electroreduction catalysts. Nature Communications, 2015, 6, 8618.	5.8	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.	5.2	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.	6.6	390
116	Ni0.05Mn0.95O catalysts for the dry reforming of methane. Catalysis Today, 2015, 242, 111-118.	2.2	37
117	Mechanism of NO reduction by CO over Pt/SBA-15. Catalysis Communications, 2014, 50, 69-72.	1.6	19
118	Support material variation for the Mn O -Na2WO4/SiO2 catalyst. Catalysis Today, 2014, 228, 5-14.	2.2	69
119	Triazineâ€Based Graphitic Carbon Nitride: a Twoâ€Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, 7450-7455.	7.2	523
120	A Sustainable Template for Mesoporous Zeolite Synthesis. Journal of the American Chemical Society, 2014, 136, 2715-2718.	6.6	123
121	Polymeric Carbon Nitride/Mesoporous Silica Composites as Catalyst Support for Au and Pt Nanoparticles. Chemistry - A European Journal, 2014, 20, 2872-2878.	1.7	57
122	Tuning porosity and activity of microporous polymer network organocatalysts by co-polymerisation. Chemical Communications, 2014, 50, 3347-3349.	2.2	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.	1.7	13
124	Microporous Thioxanthone Polymers as Heterogeneous Photoinitiators for Visible Light Induced Free Radical and Cationic Polymerizations. Macromolecules, 2014, 47, 4607-4614.	2.2	109
125	A Tetrathiafulvalene (TTF)â€Conjugated Microporous Polymer Network. Chemistry - A European Journal, 2014, 20, 9543-9548.	1.7	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.	5.2	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.	6.6	219
128	Solâ€"gel method for synthesis of Mnâ€"Na2WO4/SiO2 catalyst for methane oxidative coupling. Catalysis Today, 2014, 236, 12-22.	2.2	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.	3.2	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.	3.8	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.	15.6	1,585
132	Room Temperature Synthesis of Heptazineâ€Based Microporous Polymer Networks as Photocatalysts for Hydrogen Evolution. Macromolecular Rapid Communications, 2013, 34, 1008-1013.	2.0	134
133	Cyanamide route to calciumâ€"manganese oxide foams for water oxidation. Dalton Transactions, 2013, 42, 16920.	1.6	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.	11.1	177
135	One-Pot Synthesis of Supported, Nanocrystalline Nickel Manganese Oxide for Dry Reforming of Methane. ACS Catalysis, 2013, 3, 224-229.	5.5	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.	3.2	18
137	Anionische, mikroporÃ¶se Polymernetzwerke durch Polymerisation eines schwach koordinierenden Anions. Angewandte Chemie, 2013, 125, 12396-12400.	1.6	32
138	Threeâ€Dimensional Macroscopic Assemblies of Lowâ€Dimensional Carbon Nitrides for Enhanced Hydrogen Evolution. Angewandte Chemie - International Edition, 2013, 52, 11083-11087.	7.2	278
139	Tuning of gallery heights in a crystalline 2D carbon nitride network. Journal of Materials Chemistry A, 2013, 1, 1102-1107.	5.2	98
140	Quantification of photocatalytic hydrogen evolution. Physical Chemistry Chemical Physics, 2013, 15, 3466.	1.3	80
141	A polymer analogous reaction for the formation of imidazolium and NHC based porous polymer networks. Polymer Chemistry, 2013, 4, 1848.	1.9	70
142	Covalent Triazine Frameworks Prepared from 1,3,5-Tricyanobenzene. Chemistry of Materials, 2013, 25, 1542-1548.	3.2	363
143	Imidazoliumâ€functionalized SBAâ€15 type silica: efficient organocatalysts for Henry and cycloaddition reactions. Applied Organometallic Chemistry, 2013, 27, 290-299.	1.7	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.	2.3	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.	2.0	74
146	Solar hydrogen evolution using metal-free photocatalytic polymeric carbon nitride/CuInS2 composites as photocathodes. Journal of Materials Chemistry A, 2013, , .	5.2	22
147	From Melamineâ€Cyanuric Acid Supramolecular Aggregates to Carbon Nitride Hollow Spheres. Advanced Functional Materials, 2013, 23, 3661-3667.	7.8	737
148	Nitrogen- and phosphorus-co-doped carbons with tunable enhanced surface areas promoted by the doping additives. Chemical Communications, 2013, 49, 1208.	2.2	139
149	An Anionic Microporous Polymer Network Prepared by the Polymerization of Weakly Coordinating Anions. Angewandte Chemie - International Edition, 2013, 52, 12174-12178.	7.2	133
150	Development of a Reactor for Standardized Quantification of the Photocatalytic Hydrogen Production. Chemie-Ingenieur-Technik, 2013, 85, 500-507.	0.4	4
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