Martin Oschatz

List of Publications by Year
in descending order

126 papers	8,891 citations	38742 50 h-index	43889 91 g-index
129 all docs	129 docs citations	129 times ranked	11372 citing authors

#	Article	IF	Citations
1	Direct prediction of the desalination performance of porous carbon electrodes for capacitive deionization. Energy and Environmental Science, 2013, 6, 3700.	30.8	461
2	A search for selectivity to enable CO₂ capture with porous adsorbents. Energy and Environmental Science, 2018, 11, 57-70.	30.8	457
3	Carbon Materials for Lithium Sulfur Batteriesâ€"Ten Critical Questions. Chemistry - A European Journal, 2016, 22, 7324-7351.	3.3	353
4	ZnO Hard Templating for Synthesis of Hierarchical Porous Carbons with Tailored Porosity and High Performance in Lithiumâ€Sulfur Battery. Advanced Functional Materials, 2015, 25, 287-297.	14.9	315
5	Sulfurâ€Infiltrated Microâ€•and Mesoporous Silicon Carbideâ€Derived Carbon Cathode for Highâ€Performance Lithium Sulfur Batteries. Advanced Materials, 2013, 25, 4573-4579.	21.0	296
6	Hierarchical Microâ€•and Mesoporous Carbideâ€Derived Carbon as a Highâ€Performance Electrode Material in Supercapacitors. Small, 2011, 7, 1108-1117.	10.0	283
7	Tailoring porosity in carbon materials for supercapacitor applications. Materials Horizons, 2014, 1, 157-168.	12.2	278
8	Singleâ€Site Gold Catalysts on Hierarchical Nâ€Doped Porous Noble Carbon for Enhanced Electrochemical Reduction of Nitrogen. Small Methods, 2018, 2, 1800202.	8.6	214
9	Fungi-based porous carbons for CO2 adsorption and separation. Journal of Materials Chemistry, 2012, 22, 13911.	6.7	204
10	Nickel cobalt oxide hollow nanosponges as advanced electrocatalysts for the oxygen evolution reaction. Chemical Communications, 2015, 51, 7851-7854.	4.1	195
11	Highly porous nitrogen-doped polyimine-based carbons with adjustable microstructures for CO2 capture. Journal of Materials Chemistry A, 2013, 1, 10951.	10.3	189
12	In Situ Formation of Protective Coatings on Sulfur Cathodes in Lithium Batteries with LiFSIâ€Based Organic Electrolytes. Advanced Energy Materials, 2015, 5, 1401792.	19.5	189
13	Stretchable and Semitransparent Conductive Hybrid Hydrogels for Flexible Supercapacitors. ACS Nano, 2014, 8, 7138-7146.	14.6	186
14	Carbide-derived carbon aerogels with tunable pore structure as versatile electrode material in high power supercapacitors. Carbon, 2017, 113, 283-291.	10.3	171
15	Protonated Imineâ€Linked Covalent Organic Frameworks for Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 19797-19803.	13.8	171
16	Gold Aerogels: Three-Dimensional Assembly of Nanoparticles and Their Use as Electrocatalytic Interfaces. ACS Nano, 2016, 10, 2559-2567.	14.6	165
17	Imine-Linked Polymer-Derived Nitrogen-Doped Microporous Carbons with Excellent CO₂ Capture Properties. ACS Applied Materials & Interfaces, 2013, 5, 3160-3167.	8.0	158
18	Enhanced Electrocatalytic N₂ Reduction via Partial Anion Substitution in Titanium Oxideâ€"Carbon Composites. Angewandte Chemie - International Edition, 2019, 58, 13101-13106.	13.8	152

#	ARTICLE	IF	CITATIONS
19	Microâ€•and Mesoporous Carbideâ€Derived Carbonâ€“Selenium Cathodes for Highâ€Performance Lithium Selenium Batteries. Advanced Energy Materials, 2015, 5, 1400981.	19.5	144
20	The Concept of â€œNoble, Heteroatomâ€Doped Carbons,â€• Their Directed Synthesis by Electronic Band Control of Carbonization, and Applications in Catalysis and Energy Materials. Advanced Materials, 2018, 30, e1706836.	21.0	141
21	A cubic ordered, mesoporous carbide-derived carbon for gas and energy storage applications. Carbon, 2010, 48, 3987-3992.	10.3	140
22	High capacity micro-mesoporous carbonâ€“sulfur nanocomposite cathodes with enhanced cycling stability prepared by a solvent-free procedure. Journal of Materials Chemistry A, 2013, 1, 9225.	10.3	138
23	Kinetically Controlled Synthesis of PdNi Bimetallic Porous Nanostructures with Enhanced Electrocatalytic Activity. Small, 2015, 11, 1430-1434.	10.0	133
24	Carbideâ€Derived Carbon Monoliths with Hierarchical Pore Architectures. Angewandte Chemie - International Edition, 2012, 51, 7577-7580.	13.8	131
25	Toward the Experimental Understanding of the Energy Storage Mechanism and Ion Dynamics in Ionic Liquid Based Supercapacitors. Advanced Energy Materials, 2018, 8, 1800026.	19.5	122
26	A new route for the preparation of mesoporous carbon materials with high performance in lithiumâ€“sulphur battery cathodes. Chemical Communications, 2013, 49, 5832.	4.1	97
27	Hierarchical Carbideâ€Derived Carbon Foams with Advanced Mesostructure as a Versatile Electrochemical Energyâ€Storage Material. Advanced Energy Materials, 2014, 4, 1300645.	19.5	96
28	Potassium Poly(Heptazine Imide): Transition Metalâ€Free Solidâ€State Triplet Sensitizer in Cascade Energy Transfer and [3+2]â€cycloadditions. Angewandte Chemie - International Edition, 2020, 59, 15061-15068.	13.8	91
29	Interaction of electrolyte molecules with carbon materials of well-defined porosity: characterization by solid-state NMR spectroscopy. Physical Chemistry Chemical Physics, 2013, 15, 15177.	2.8	90
30	Templateâ€•and Metalâ€Free Synthesis of Nitrogenâ€Rich Nanoporous â€œNobleâ€• Carbon Materials by Direct Pyrolysis of a Preorganized Hexaazatriphenylene Precursor. Angewandte Chemie - International Edition, 2018, 57, 10765-10770.	13.8	83
31	Self-Supporting Hierarchical Porous PtAg Alloy Nanotubular Aerogels as Highly Active and Durable Electrocatalysts. Chemistry of Materials, 2016, 28, 6477-6483.	6.7	81
32	Nanocasting Hierarchical Carbide-Derived Carbons in Nanostructured Opal Assemblies for High-Performance Cathodes in Lithiumâ€“Sulfur Batteries. ACS Nano, 2014, 8, 12130-12140.	14.6	79
33	Understanding the Charge Storage Mechanism to Achieve High Capacity and Fast Ion Storage in Sodiumâ€Ion Capacitor Anodes by Using Electrospun Nitrogenâ€Doped Carbon Fibers. Advanced Functional Materials, 2019, 29, 1902858.	14.9	79
34	Preparation and application of cellular and nanoporous carbides. Chemical Society Reviews, 2012, 41, 5053.	38.1	78
35	Towards stable lithium-sulfur battery cathodes by combining physical and chemical confinement of polysulfides in core-shell structured nitrogen-doped carbons. Carbon, 2020, 161, 162-168.	10.3	76
36	Enhancing performance of Liâ€“S cells using a Liâ€“Al alloy anode coating. Electrochemistry Communications, 2013, 36, 38-41.	4.7	75

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37	Breaking the Limits of Ionic Liquidâ€Based Supercapacitors: Mesoporous Carbon Electrodes Functionalized with Manganese Oxide Nanosplotches for Dense, Stable, and Wideâ€Temperature Energy Storage. Advanced Functional Materials, 2018, 28, 1801298.	14.9	75
38	Fast Naâ€Ion Intercalation in Zinc Vanadate for Highâ€Performance Naâ€Ion Hybrid Capacitor. Advanced Energy Materials, 2018, 8, 1802800.	19.5	72
39	Ultrathin 2D Graphitic Carbon Nitride on Metal Films: Underpotential Sodium Deposition in Adlayers for Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2020, 59, 9067-9073.	13.8	68
40	Confinement Effects for Lithium Borohydride: Comparing Silica and Carbon Scaffolds. Journal of Physical Chemistry C, 2017, 121, 4197-4205.	3.1	64
41	Role of Surface Functional Groups in Ordered Mesoporous Carbide-Derived Carbon/Ionic Liquid Electrolyte Double-Layer Capacitor Interfaces. ACS Applied Materials & Interfaces, 2014, 6, 2922-2928.	8.0	61
42	Solvent mediated morphology control of zinc MOFs as carbon templates for application in supercapacitors. Journal of Materials Chemistry A, 2018, 6, 23521-23530.	10.3	61
43	Partially delocalized charge in Fe-doped NiCo₂S₄ nanosheetâ€“mesoporous carbon-composites for high-voltage supercapacitors. Journal of Materials Chemistry A, 2019, 7, 19342-19347.	10.3	59
44	From Molecular Precursors to Nanoparticlesâ€”Tailoring the Adsorption Properties of Porous Carbon Materials by Controlled Chemical Functionalization. Advanced Functional Materials, 2020, 30, 1908371.	14.9	57
45	Hydrophilic non-precious metal nitrogen-doped carbon electrocatalysts for enhanced efficiency in oxygen reduction reaction. Chemical Communications, 2015, 51, 17285-17288.	4.1	56
46	Porous nitrogen-doped carbon/carbon nanocomposite electrodes enable sodium ion capacitors with high capacity and rate capability. Nano Energy, 2020, 67, 104240.	16.0	56
47	Micro- and mesoporous carbide-derived carbon prepared by a sacrificial template method in high performance lithium sulfur battery cathodes. Journal of Materials Chemistry A, 2014, 2, 17649-17654.	10.3	54
48	Transition metal loaded silicon carbide-derived carbons with enhanced catalytic properties. Carbon, 2012, 50, 1861-1870.	10.3	53
49	Nanostructure characterization of carbide-derived carbons by morphological analysis of transmission electron microscopy images combined with physisorption and Raman spectroscopy. Carbon, 2016, 105, 314-322.	10.3	53
50	Bringing Porous Organic and Carbonâ€Based Materials toward Thinâ€Film Applications. Advanced Functional Materials, 2018, 28, 1801545.	14.9	53
51	Effect of Surface Properties on the Microstructure, Thermal, and Colloidal Stability of VB₂ Nanoparticles. Chemistry of Materials, 2015, 27, 5106-5115.	6.7	52
52	Synthesis, characterization, and hydrogen storage capacities of hierarchical porous carbide derived carbon monolith. Journal of Materials Chemistry, 2012, 22, 23893.	6.7	50
53	Carbon dioxide activated carbide-derived carbon monoliths as high performance adsorbents. Carbon, 2013, 56, 139-145.	10.3	50
54	Effects of the Functionalization of the Ordered Mesoporous Carbon Support Surface on Iron Catalysts for the Fischerâ€“Tropsch Synthesis of Lower Olefins. ChemCatChem, 2017, 9, 620-628.	3.7	50

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55	Natural Vermiculite Enables Highâ€Performance in Lithiumâ€“Sulfur Batteries via Electrical Double Layer Effects. Advanced Functional Materials, 2019, 29, 1902820.	14.9	50
56	Silicon oxycarbide-derived carbons from a polyphenylsilsequioxane precursor for supercapacitor applications. Microporous and Mesoporous Materials, 2014, 188, 140-148.	4.4	48
57	Ordered mesoporous carbide-derived carbons prepared by soft templating. Carbon, 2012, 50, 3987-3994.	10.3	46
58	A stable lithiated siliconâ€“chalcogen battery via synergetic chemical coupling between silicon and selenium. Nature Communications, 2017, 8, 13888.	12.8	46
59	Ordered Mesoporous Carbons with High Micropore Content and Tunable Structure Prepared by Combined Hard and Salt Templating as Electrode Materials in Electric Doubleâ€Layer Capacitors. Advanced Sustainable Systems, 2018, 2, 1700128.	5.3	46
60	Electrochemical Fixation of Nitrogen and Its Coupling with Biomass Valorization with a Strongly Adsorbing and Defect Optimized Boronâ€“Carbonâ€“Nitrogen Catalyst. ACS Applied Energy Materials, 2019, 2, 8359-8365.	5.1	43
61	Microâ€Blooming: Hierarchically Porous Nitrogenâ€Doped Carbon Flowers Derived from Metalâ€Organic Mesocrystals. Small, 2019, 15, e1901986.	10.0	40
62	Electrochemical N₂ Reduction to Ammonia Using Single Au/Fe Atoms Supported on Nitrogen-Doped Porous Carbon. ACS Applied Energy Materials, 2020, 3, 10061-10069.	5.1	40
63	In-Depth Investigation of the Carbon Microstructure of Silicon Carbide-Derived Carbons by Wide-Angle X-ray Scattering. Journal of Physical Chemistry C, 2014, 118, 15705-15715.	3.1	39
64	Hydrogen production from catalytic decomposition of methane over ordered mesoporous carbons (CMK-3) and carbide-derived carbon (DUT-19). Carbon, 2014, 67, 377-389.	10.3	36
65	Influence of precursor porosity on sodium and sulfur promoted iron/carbon Fischerâ€“Tropsch catalysts derived from metalâ€“organic frameworks. Chemical Communications, 2017, 53, 10204-10207.	4.1	36
66	Ordered Mesoporous Materials as Supports for Stable Iron Catalysts in the Fischerâ€“Tropsch Synthesis of Lower Olefins. ChemCatChem, 2016, 8, 2846-2852.	3.7	35
67	Effects of calcination and activation conditions on ordered mesoporous carbon supported iron catalysts for production of lower olefins from synthesis gas. Catalysis Science and Technology, 2016, 6, 8464-8473.	4.1	34
68	Storing electricity as chemical energy: beyond traditional electrochemistry and double-layer compression. Energy and Environmental Science, 2018, 11, 3069-3074.	30.8	33
69	Overcoming Chemical Inertness under Ambient Conditions: A Critical View on Recent Developments in Ammonia Synthesis via Electrochemical N₂ Reduction by Asking Five Questions. ChemElectroChem, 2020, 7, 878-889.	3.4	32
70	Structural Characterization of Micro- and Mesoporous Carbon Materials Using In Situ High Pressure ¹²⁹Xe NMR Spectroscopy. Chemistry of Materials, 2014, 26, 3280-3288.	6.7	31
71	Textural Characterization of Micro- and Mesoporous Carbons Using Combined Gas Adsorption and <i>n</i>-Nonane Preadsorption. Langmuir, 2013, 29, 8133-8139.	3.5	30
72	Influence of Pore Architecture and Chemical Structure on the Sodium Storage in Nitrogenâ€Doped Hard Carbons. Small, 2021, 17, e2006767.	10.0	29

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73	C₂N_xO_{1âˆ’x}framework carbons with defined microporosity and Co-doped functional pores. Journal of Materials Chemistry A, 2018, 6, 19013-19019.	10.3	28
74	Controlling the strength of interaction between carbon dioxide and nitrogen-rich carbon materials by molecular design. Sustainable Energy and Fuels, 2019, 3, 2819-2827.	4.9	28
75	Kroll-carbons based on silica and alumina templates as high-rate electrode materials in electrochemical double-layer capacitors. Journal of Materials Chemistry A, 2014, 2, 5131.	10.3	27
76	Evolution of porosity in carbide-derived carbon aerogels. Journal of Materials Chemistry A, 2014, 2, 18472-18479.	10.3	27
77	Advanced Structural Analysis of Nanoporous Materials by Thermal Response Measurements. Langmuir, 2015, 31, 4040-4047.	3.5	27
78	Strong metal oxide-support interactions in carbon/hematite nanohybrids activate novel energy storage modes for ionic liquid-based supercapacitors. Energy Storage Materials, 2019, 20, 188-195.	18.0	26
79	Systematic variation of the sodium/sulfur promoter content on carbon-supported iron catalysts for the Fischerâ€“Tropsch to olefins reaction. Journal of Energy Chemistry, 2016, 25, 985-993.	12.9	25
80	â€œGiantâ€•Nitrogen Uptake in Ionic Liquids Confined in Carbon Pores. Journal of the American Chemical Society, 2021, 143, 9377-9384.	13.7	25
81	Enhanced Electrocatalytic N₂ Reduction via Partial Anion Substitution in Titanium Oxideâ€“Carbon Composites. Angewandte Chemie, 2019, 131, 13235-13240.	2.0	24
82	Synthesis of Polymer Janus Particles with Tunable Wettability Profiles as Potent Solid Surfactants to Promote Gas Delivery in Aqueous Reaction Media. ACS Applied Materials & Interfaces, 2021, 13, 32510-32519.	8.0	24
83	Thermogravimetric Analysis of Activated Carbons, Ordered Mesoporous Carbide-Derived Carbons, and Their Deactivation Kinetics of Catalytic Methane Decomposition. Industrial & Engineering Chemistry Research, 2014, 53, 1741-1753.	3.7	23
84	Emulsion soft templating of carbide-derived carbon nanospheres with controllable porosity for capacitive electrochemical energy storage. Journal of Materials Chemistry A, 2015, 3, 17983-17990.	10.3	23
85	Titanium Carbide and Carbideâ€Derived Carbon Composite Nanofibers by Electrospinning of Tiâ€Resin Precursor. Chemie-Ingenieur-Technik, 2013, 85, 1742-1748.	0.8	21
86	Schiffâ€bases for sustainable battery and supercapacitor electrodes. Exploration, 2021, 1, .	11.0	21
87	Preparation of cubic ordered mesoporous silicon carbide monoliths by pressure assisted preceramic polymer nanocasting. Microporous and Mesoporous Materials, 2013, 168, 142-147.	4.4	20
88	ZnPd/ZnO Aerogels as Potential Catalytic Materials. Advanced Functional Materials, 2016, 26, 1014-1020.	14.9	20
89	Bioinspired carbide-derived carbons with hierarchical pore structure for the adsorptive removal of mercury from aqueous solution. Chemical Communications, 2017, 53, 4845-4848.	4.1	20
90	Changes of porosity of hard carbons during mechanical treatment and the relevance for sodium-ion anodes. Carbon, 2022, 186, 55-63.	10.3	20

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91	Synthesis of Ordered Mesoporous Carbon Materials by Dry Etching. Chemistry - A European Journal, 2015, 21, 14753-14757.	3.3	19
92	All-organic Z-scheme photoreduction of CO2 with water as the donor of electrons and protons. Applied Catalysis B: Environmental, 2021, 285, 119773.	20.2	19
93	Insights into the sodiation mechanism of hard carbon-like materials from electrochemical impedance spectroscopy. Physical Chemistry Chemical Physics, 2021, 23, 11488-11500.	2.8	19
94	Preparation of hierarchical porous biomorphic carbide-derived carbon by polycarbosilane impregnation of wood. Microporous and Mesoporous Materials, 2015, 210, 26-31.	4.4	18
95	Electrospun Carbon Fibers Replace Metals as a Current Collector in Supercapacitors. ACS Applied Energy Materials, 2019, 2, 5724-5733.	5.1	18
96	Interactions Between Electrolytes and Carbon-Based Materialsâ€”NMR Studies on Electrical Double-Layer Capacitors, Lithium-Ion Batteries, and Fuel Cells. Annual Reports on NMR Spectroscopy, 2016, , 237-318.	1.5	17
97	Tandem promotion of iron catalysts by sodium-sulfur and nitrogen-doped carbon layers on carbon nanotube supports for the Fischer-Tropsch to olefins synthesis. Applied Catalysis A: General, 2018, 568, 213-220.	4.3	17
98	Covalent triazine framework/carbon nanotube hybrids enabling selective reduction of CO₂ to CO at low overpotential. Green Chemistry, 2020, 22, 3095-3103.	9.0	16
99	Mesoporous carbon materials with enantioselective surface obtained by nanocasting for selective adsorption of chiral molecules from solution and the gas phase. Carbon, 2020, 170, 550-557.	10.3	15
100	Direct synthesis of carbide-derived carbon monoliths with hierarchical pore design by hard-templating. Journal of Materials Chemistry A, 2014, 2, 12703-12707.	10.3	13
101	A hard-templating route towards ordered mesoporous tungsten carbide and carbide-derived carbons. Microporous and Mesoporous Materials, 2014, 186, 163-167.	4.4	13
102	Effects of Carbon Pore Size on the Contribution of Ionic Liquid Electrolyte Phase Transitions to Energy Storage in Supercapacitors. Frontiers in Materials, 2019, 6, .	2.4	13
103	Controlling pore size and pore functionality in sp²-conjugated microporous materials by precursor chemistry and salt templating. Journal of Materials Chemistry A, 2020, 8, 21680-21689.	10.3	13
104	Preparation of hard carbon/carbon nitride nanocomposites by chemical vapor deposition to reveal the impact of open and closed porosity on sodium storage. Carbon, 2021, 185, 697-708.	10.3	13
105	Polymerization of polycarbosilanes in high internal phase emulsions for the synthesis of macroporous silicon carbide catalysts (polyHIPE-SiC). Journal of Materials Chemistry, 2011, 21, 11936.	6.7	12
106	Design of Functional Nanostructured Carbons for Advanced Heterogeneous Catalysts: A Review. Current Organic Chemistry, 2014, 18, 1262-1279.	1.6	12
107	Influence of silica architecture on the catalytic activity of immobilized glucose oxidase. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 72-80.	0.9	11
108	Tailoring Commercially Available Raw Materials for Lithiumâ€“Sulfur Batteries with Superior Performance and Enhanced Shelf Life. Energy Technology, 2015, 3, 1007-1013.	3.8	10

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109	Amino acid-based ionic liquids as precursors for the synthesis of chiral nanoporous carbons. Nanoscale Advances, 2019, 1, 4981-4988.	4.6	10
110	Ultrathin 2D Graphitic Carbon Nitride on Metal Films: Underpotential Sodium Deposition in Adlayers for Sodiumâ€Ion Batteries. Angewandte Chemie, 2020, 132, 9152-9158.	2.0	10
111	Sustainable Cathodes for Lithiumâ€Ion Energy Storage Devices Based on Tannic Acidâ€"Toward Ecofriendly Energy Storage. Advanced Sustainable Systems, 2021, 5, 2000206.	5.3	10
112	The Functional Chameleon of Materials Chemistryâ€"Combining Carbon Structures into Allâ€Carbon Hybrid Nanomaterials with Intrinsic Porosity to Overcome the â€œFunctionalityâ€Conductivityâ€Dilemmaâ€•in Electrochemical Energy Storage and Electrocatalysis. Small, 2021, 17, e2007508.	10.0	10
113	Modification of Saltâ€Templated Carbon Surface Chemistry for Efficient Oxidation of Glucose with Supported Gold Catalysts. ChemCatChem, 2018, 10, 2458-2465.	3.7	9
114	On the Possibility of Helium Adsorption in Nitrogen Doped Graphitic Materials. Scientific Reports, 2020, 10, 5832.	3.3	9
115	Sodium storage with high plateau capacity in nitrogen doped carbon derived from melamineâ€"terephthalaldehyde polymers. Journal of Materials Chemistry A, 2021, 9, 8711-8720.	10.3	9
116	Mechanistic insights into the reversible lithium storage in an open porous carbon via metal cluster formation in all solid-state batteries. Carbon, 2022, 188, 325-335.	10.3	9
117	Crucial Factors for the Application of Functional Nanoporous Carbon-Based Materials in Energy and Environmental Applications. Journal of Carbon Research, 2018, 4, 56.	2.7	8
118	Influence of Local Environments in Pores of Different Size on the Catalytic Liquid-Phase Oxidation of <scp>d</scp>-Glucose by Au Nanoparticles Supported on Nanoporous Carbon. ACS Applied Nano Materials, 2020, 3, 7695-7703.	5.0	8
119	When water becomes an integral part of carbon â€" combining theory and experiment to understand the zeolite-like water adsorption properties of porous C₂N materials. Journal of Materials Chemistry A, 2021, 9, 22563-22572.	10.3	8
120	Ceria/silicon carbide coreâ€"shell materials prepared by miniemulsion technique. Beilstein Journal of Nanotechnology, 2011, 2, 638-644.	2.8	7
121	Templatâ€•und metallfreie Synthese stickstoffreicher, nanoporÃ¶ser und â€œedlerâ€•Kohlenstoffmaterialien durch direkte Kondensation eines vororganisierten Hexaazatriphenylen VorlÃ¤ufers. Angewandte Chemie, 2018, 130, 10926-10931.	2.0	7
122	Preparation and functionalization of free-standing nitrogen-doped carbon-based catalyst electrodes for electrocatalytic N2 fixation. Molecular Catalysis, 2021, 515, 111935.	2.0	5
123	Immobilization of Goldâ€onâ€Carbon Catalysts Onto Perfluorocarbon Emulsion Droplets to Promote Oxygen Delivery in Aqueous Phase D â€Glucose Oxidation. ChemCatChem, 2021, 13, 196-201.	3.7	3
124	Toward Efficient Synthesis of Porous All-Carbon-Based Nanocomposites for Enantiospecific Separation. ACS Applied Materials & Interfaces, 2021, 13, 24228-24237.	8.0	3
125	Understanding Structureâ€"Property Relationships under Experimental Conditions for the Optimization of Lithiumâ€Ion Capacitor Anodes based on Allâ€Carbonâ€Composite Materials. Energy Technology, 2021, 9, 2001054.	3.8	2
126	Towards stable and highâ€capacity anode materials for sodiumâ€ion batteries by embedding of Sb/Sn nanoparticles into electrospun mesoporous carbon fibers. Electrochemical Science Advances, 0, , e2100010.	2.8	1