

# Hirotoimo Nishihara

## List of Publications by Year in descending order

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138  
papers

6,758  
citations

71102

41  
h-index

64796

79  
g-index

150  
all docs

150  
docs citations

150  
times ranked

7249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Templated Nanocarbons for Energy Storage. <i>Advanced Materials</i> , 2012, 24, 4473-4498.	21.0	672
2	Towards ultrahigh volumetric capacitance: graphene derived highly dense but porous carbons for supercapacitors. <i>Scientific Reports</i> , 2013, 3, 2975.	3.3	541
3	Production of Colored Pigments with Amorphous Arrays of Black and White Colloidal Particles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7261-7265.	13.8	262
4	Three-Dimensionally Arrayed and Mutually Connected 1.2-nm Nanopores for High-Performance Electric Double Layer Capacitor. <i>Journal of the American Chemical Society</i> , 2011, 133, 1165-1167.	13.7	260
5	A possible bucky bowl-like structure of zeolite templated carbon. <i>Carbon</i> , 2009, 47, 1220-1230.	10.3	243
6	Ordered Macroporous Silica by Ice Templating. <i>Chemistry of Materials</i> , 2005, 17, 683-689.	6.7	221
7	Enhancement Mechanism of Electrochemical Capacitance in Nitrogen-/Boron-Doped Carbons with Uniform Straight Nanochannels. <i>Langmuir</i> , 2009, 25, 11961-11968.	3.5	195
8	High-Pressure Hydrogen Storage in Zeolite-Templated Carbon. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3189-3196.	3.1	181
9	Formation of monolithic silica gel microhoneycombs (SMHs) using pseudosteady state growth of microstructural ice crystals. <i>Chemical Communications</i> , 2004, , 874.	4.1	172
10	Zeolite-templated carbons – three-dimensional microporous graphene frameworks. <i>Chemical Communications</i> , 2018, 54, 5648-5673.	4.1	172
11	Investigation of the Ion Storage/Transfer Behavior in an Electrical Double-Layer Capacitor by Using Ordered Microporous Carbons as Model Materials. <i>Chemistry - A European Journal</i> , 2009, 15, 5355-5363.	3.3	155
12	4.4 V supercapacitors based on super-stable mesoporous carbon sheet made of edge-free graphene walls. <i>Energy and Environmental Science</i> , 2019, 12, 1542-1549.	30.8	154
13	Cellulose Nanofiber as a Distinct Structure-Directing Agent for Xylem-like Microhoneycomb Monoliths by Unidirectional Freeze-Drying. <i>ACS Nano</i> , 2016, 10, 10689-10697.	14.6	115
14	Oxidation-Resistant and Elastic Mesoporous Carbon with Single-Layer Graphene Walls. <i>Advanced Functional Materials</i> , 2016, 26, 6418-6427.	14.9	102
15	Lamellar MXene Composite Aerogels with Sandwiched Carbon Nanotubes Enable Stable Lithium-Sulfur Batteries with a High Sulfur Loading. <i>Advanced Functional Materials</i> , 2021, 31, 2100793.	14.9	95
16	Preparation of Porous TiO <sub>2</sub> Cryogel Fibers through Unidirectional Freezing of Hydrogel Followed by Freeze-Drying. <i>Chemistry of Materials</i> , 2004, 16, 4987-4991.	6.7	89
17	Ultraporous nitrogen-doped zeolite-templated carbon for high power density aqueous-based supercapacitors. <i>Carbon</i> , 2018, 129, 510-519.	10.3	79
18	Large Pseudocapacitance in Quinone-Functionalized Zeolite-Templated Carbon. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 250-257.	3.2	78

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19	Effect of Buffer Size around Nanosilicon Anode Particles for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6004-6011.	3.1	77
20	Preparation of resorcinol-formaldehyde carbon cryogel microhoneycombs. <i>Carbon</i> , 2004, 42, 899-901.	10.3	76
21	Enhanced electro-oxidation resistance of carbon electrodes induced by phosphorus surface groups. <i>Carbon</i> , 2015, 95, 681-689.	10.3	76
22	A Directional Strain Sensor Based on Anisotropic Microhoneycomb Cellulose Nanofiber-Carbon Nanotube Hybrid Aerogels Prepared by Unidirectional Freeze Drying. <i>Small</i> , 2019, 15, e1805363.	10.0	73
23	Carbon-coated mesoporous silica with hydrophobicity and electrical conductivity. <i>Carbon</i> , 2008, 46, 48-53.	10.3	70
24	Graphene-based ordered framework with a diverse range of carbon polygons formed in zeolite nanochannels. <i>Carbon</i> , 2018, 129, 854-862.	10.3	70
25	Porous properties of silica gels with controlled morphology synthesized by unidirectional freeze-gelation. <i>Microporous and Mesoporous Materials</i> , 2003, 63, 43-51.	4.4	68
26	Formation of crosslinked-fullerene-like framework as negative replica of zeolite Y. <i>Carbon</i> , 2013, 62, 455-464.	10.3	66
27	Electrochemical generation of oxygen-containing groups in an ordered microporous zeolite-templated carbon. <i>Carbon</i> , 2013, 54, 94-104.	10.3	62
28	Insight into the origin of carbon corrosion in positive electrodes of supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7480-7488.	10.3	62
29	Porous Carbon Fibers Containing Pores with Sizes Controlled at the Ångstrom Level by the Cavity Size of Pillar[6]arene. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6466-6469.	13.8	60
30	Synthesis of ordered carbonaceous frameworks from organic crystals. <i>Nature Communications</i> , 2017, 8, 109.	12.8	60
31	Fast and reversible lithium storage in a wrinkled structure formed from Si nanoparticles during lithiation/delithiation cycling. <i>Journal of Power Sources</i> , 2013, 222, 400-409.	7.8	59
32	Preparation of monolithic SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> cryogels with inter-connected macropores through ice templating. <i>Journal of Materials Chemistry</i> , 2006, 16, 3231-3236.	6.7	58
33	Morphology of resorcinol-formaldehyde gels obtained through ice-templating. <i>Carbon</i> , 2005, 43, 1563-1565.	10.3	55
34	Li-Rich Li-Si Alloy As A Lithium-Containing Negative Electrode Material Towards High Energy Lithium-Ion Batteries. <i>Scientific Reports</i> , 2015, 5, 8085.	3.3	53
35	An organic proton battery employing two redox-active quinones trapped within the nanochannels of zeolite-templated carbon. <i>Carbon</i> , 2016, 107, 831-836.	10.3	52
36	Densification of ordered microporous carbons and controlling their micropore size by hot-pressing. <i>Carbon</i> , 2007, 45, 2011-2016.	10.3	51

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37	General Relationship between Hydrogen Adsorption Capacities at 77 and 298 K and Pore Characteristics of the Porous Adsorbents. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10529-10540.	3.1	50
38	Preparation of mesoporous carbon gels from an inexpensive combination of phenol and formaldehyde. <i>Carbon</i> , 2005, 43, 2628-2630.	10.3	47
39	Force-driven reversible liquid-gas phase transition mediated by elastic nanosponges. <i>Nature Communications</i> , 2019, 10, 2559.	12.8	46
40	Synthesis of silica-based porous monoliths with straight nanochannels using an ice-rod nanoarray as a template. <i>Journal of Materials Chemistry</i> , 2008, 18, 3662.	6.7	45
41	Effect of Heteroatoms in Ordered Microporous Carbons on Their Electrochemical Capacitance. <i>Langmuir</i> , 2016, 32, 11997-12004.	3.5	45
42	Preparation of resorcinol formaldehyde (RF) carbon gels: Use of ultrasonic irradiation followed by microwave drying. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 5683-5686.	3.1	42
43	Morphology maps of ice-templated silica gels derived from silica hydrogels and hydrosols. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 166-170.	4.4	42
44	Synthesis of graphene mesosponge <i>via</i> catalytic methane decomposition on magnesium oxide. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14296-14308.	10.3	42
45	Pseudocapacitance of zeolite-templated carbon in organic electrolytes. <i>Energy Storage Materials</i> , 2015, 1, 35-41.	18.0	41
46	Beads-Milling of Waste Si Sawdust into High-Performance Nanoflakes for Lithium-Ion Batteries. <i>Scientific Reports</i> , 2017, 7, 42734.	3.3	39
47	A Nacre-Like Carbon Nanotube Sheet for High Performance Li-Polysulfide Batteries with High Sulfur Loading. <i>Advanced Science</i> , 2018, 5, 1800384.	11.2	39
48	Improvement of mesoporosity of carbon cryogels by ultrasonic irradiation. <i>Carbon</i> , 2005, 43, 525-531.	10.3	37
49	Adsorption and diffusion of atomic hydrogen on a curved surface of microporous carbon: A theoretical study. <i>Chemical Physics Letters</i> , 2010, 495, 251-255.	2.6	37
50	Fine Dispersion of Pt <sub>4-5</sub> Subnanoclusters and Pt Single Atoms over Porous Carbon Supports and Their Structural Analyses with X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7892-7902.	3.1	36
51	Remarkable performance improvement of inexpensive ball-milled Si nanoparticles by carbon-coating for Li-ion batteries. <i>Journal of Power Sources</i> , 2016, 319, 99-103.	7.8	34
52	Structure and magnetic properties of curved graphene networks and the effects of bromine and potassium adsorption. <i>Physical Review B</i> , 2010, 81, .	3.2	33
53	Experimental and Theoretical Studies of Hydrogen/Deuterium Spillover on Pt-Loaded Zeolite-Templated Carbon. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9551-9559.	3.1	32
54	Fabrication of a Highly Conductive Ordered Porous Electrode by Carbon-Coating of a Continuous Mesoporous Silica Film. <i>Chemistry of Materials</i> , 2011, 23, 3144-3151.	6.7	31

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55	Production of l-theanine using glutaminase encapsulated in carbon-coated mesoporous silica with high pH stability. <i>Biochemical Engineering Journal</i> , 2012, 68, 207-214.	3.6	30
56	Influence of surfactants on porous properties of carbon cryogels prepared by sol-gel polycondensation of resorcinol and formaldehyde. <i>Carbon</i> , 2003, 41, 2981-2990.	10.3	28
57	3D interconnected macroporous carbon monoliths prepared by ultrasonic irradiation. <i>Carbon</i> , 2005, 43, 2808-2811.	10.3	28
58	Carbon-coated mesoporous silica as an electrode material. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 421-427.	4.4	28
59	Carbon-rich materials with three-dimensional ordering at the angstrom level. <i>Chemical Science</i> , 2020, 11, 5866-5873.	7.4	28
60	Preparation of titania-silica cryogels with controlled shapes and photocatalysis through unidirectional freezing. <i>Materials Letters</i> , 2010, 64, 959-961.	2.6	27
61	Photocatalytic performance of TiO <sub>2</sub> -zeolite templated carbon composites in organic contaminant degradation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25004-25007.	2.8	27
62	Formation mechanism of zeolite-templated carbons. <i>Tanso</i> , 2017, 2017, 169-174.	0.1	27
63	Effect of carbon surface on degradation of supercapacitors in a negative potential range. <i>Journal of Power Sources</i> , 2020, 457, 228042.	7.8	26
64	Porous microfibers and microhoneycombs synthesized by ice templating. <i>Catalysis Surveys From Asia</i> , 2006, 10, 161-171.	2.6	25
65	Enhanced hydrogen spillover to fullerene at ambient temperature. <i>Chemical Communications</i> , 2018, 54, 3327-3330.	4.1	24
66	Reversible Pore Size Control of Elastic Microporous Material by Mechanical Force. <i>Chemistry - A European Journal</i> , 2013, 19, 13009-13016.	3.3	23
67	Carbon-carbon asymmetric aqueous capacitor by pseudocapacitive positive and stable negative electrodes. <i>Carbon</i> , 2014, 67, 792-794.	10.3	23
68	Quantifying Carbon Edge Sites on Depressing Hydrogen Evolution Reaction Activity. <i>Nano Letters</i> , 2020, 20, 5885-5892.	9.1	23
69	Characterization of a zeolite-templated carbon by electrochemical quartz crystal microbalance and in situ Raman spectroscopy. <i>Carbon</i> , 2015, 89, 63-73.	10.3	22
70	Binderless thin films of zeolite-templated carbon electrodes useful for electrochemical microcapacitors with ultrahigh rate performance. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10331.	2.8	21
71	Control of pore distribution of porous carbons derived from Mg <sup>2+</sup> porous coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 473-476.	6.0	21
72	Boron and nitrogen co-doped ordered microporous carbons with high surface areas. <i>Chemical Communications</i> , 2017, 53, 13348-13351.	4.1	21

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73	pH-Dependent Morphology Control of Cellulose Nanofiber/Graphene Oxide Cryogels. <i>Small</i> , 2021, 17, e2005564.	10.0	20
74	Scalable nanoporous carbon films allow line-of-sight 3D atomic layer deposition of Pt: towards a new generation catalyst layer for PEM fuel cells. <i>Materials Horizons</i> , 2021, 8, 2451-2462.	12.2	20
75	In-Depth Analysis of Key Factors Affecting the Catalysis of Oxidized Carbon Blacks for Cellulose Hydrolysis. <i>ACS Catalysis</i> , 2022, 12, 892-905.	11.2	19
76	Successful functionalization of superporous zeolite templated carbon using aminobenzene acids and electrochemical methods. <i>Carbon</i> , 2016, 99, 157-166.	10.3	17
77	Enhanced hydrogen chemisorption and spillover on non-metallic nickel subnanoclusters. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12523-12531.	10.3	17
78	The carbonization of aromatic molecules with three-dimensional structures affords carbon materials with controlled pore sizes at the Ångstrom-level. <i>Communications Chemistry</i> , 2021, 4, .	4.5	17
79	High-density monolithic pellets of double-sided graphene fragments based on zeolite-templated carbon. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7503-7507.	10.3	17
80	Control of Acid-Site Location of MFI Zeolite by Catalytic Cracking of Silane and Its Application to Olefin Synthesis from Acetone. <i>Journal of Chemical Engineering of Japan</i> , 2009, 42, S162-S167.	0.6	16
81	Conversion of silica nanoparticles into Si nanocrystals through electrochemical reduction. <i>Nanoscale</i> , 2014, 6, 10574-10583.	5.6	16
82	Vanadium-Ion Redox Reactions in a Three-Dimensional Network of Reduced Graphite Oxide. <i>ChemElectroChem</i> , 2016, 3, 650-657.	3.4	16
83	Nano-Confinement of Insulating Sulfur in the Cathode Composite of All-Solid-State Li-S Batteries Using Flexible Carbon Materials with Large Pore Volumes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38613-38622.	8.0	16
84	Aligned Macroporous Monoliths by Ice-Templating. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 611-620.	3.2	16
85	Amorphous water in three-dimensional confinement of zeolite-templated carbon. <i>Chemical Physics Letters</i> , 2013, 571, 54-60.	2.6	15
86	Submicron mesoporous carbon spheres by ultrasonic emulsification. <i>Journal of Porous Materials</i> , 2008, 15, 265-270.	2.6	14
87	Formation of Foam-like Microstructural Carbon Material by Carbonization of Porous Coordination Polymers through a Ligand-Assisted Foaming Process. <i>Chemistry - A European Journal</i> , 2015, 21, 13278-13283.	3.3	14
88	Easy fabrication of superporous zeolite templated carbon electrodes by electro spraying on rigid and flexible substrates. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4610-4618.	10.3	14
89	Fabrication of Si nanopowder from Si swarf and application to high-capacity and low cost Li-ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 720, 529-540.	5.5	14
90	A Simple "Nano-Templating" Method Using Zeolite Y Toward the Formation of Carbon Schwarzites. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	14

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91	A volatile redox mediator boosts the long-cycle performance of lithium-oxygen batteries. <i>Energy Storage Materials</i> , 2021, 38, 571-580.	18.0	14
92	Synthesis of Ordered Carbonaceous Framework with Microporosity from Porphyrin with Ethynyl Groups. <i>Chemistry Letters</i> , 2020, 49, 619-623.	1.3	14
93	Ordered carbonaceous frameworks: a new class of carbon materials with molecular-level design. <i>Chemical Communications</i> , 2022, 58, 3578-3590.	4.1	14
94	Zeolite-Templated Carbon – Its Unique Characteristics and Applications. , 2012, , 295-322.		13
95	Preparation of Highly Dispersed Pt Nanoparticles Supported on Zeolite-templated Carbon and Catalytic Application in Hydrogenation Reaction. <i>Chemistry Letters</i> , 2014, 43, 1794-1796.	1.3	13
96	Elucidation of oxygen reduction reaction and nanostructure of platinum-loaded graphene mesosponge for polymer electrolyte fuel cell electrocatalyst. <i>Electrochimica Acta</i> , 2021, 370, 137705.	5.2	13
97	Fabrication and characterization of magnetic nanoporous zeolite templated carbon. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 565-568.	4.0	12
98	Iron porphyrin-derived ordered carbonaceous frameworks. <i>Catalysis Today</i> , 2021, 364, 164-171.	4.4	12
99	Edgeless porous carbon coating for durable and powerful lead-carbon batteries. <i>Carbon</i> , 2021, 185, 419-427.	10.3	12
100	Path integral molecular dynamics for hydrogen adsorption site of zeolite-templated carbon with semi-empirical PM3 potential. <i>Computational and Theoretical Chemistry</i> , 2011, 975, 128-133.	2.5	11
101	Structural Coloration of a Colloidal Amorphous Array is Intensified by Carbon Nanolayers. <i>Langmuir</i> , 2018, 34, 4282-4288.	3.5	11
102	Pyrene-Thiol-Modified Pd Nanoparticles on Carbon Support: Kinetic Control by Steric Hindrance and Improved Stability by the Catalyst-Support Interaction. <i>ChemCatChem</i> , 2020, 12, 5880-5887.	3.7	11
103	Unusual Redox Behavior of Ruthenocene Confined in the Micropores of Activated Carbon. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15205-15215.	3.1	11
104	Assembling of nanoparticles using ice crystals. <i>Materials Chemistry and Physics</i> , 2010, 123, 347-350.	4.0	10
105	Force-responsive ordered carbonaceous frameworks synthesized from Ni-porphyrin. <i>Chemical Communications</i> , 2021, 57, 6007-6010.	4.1	10
106	Magnetic properties of host-guest material using network of curved nanocarbon sheet. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1436-1439.	4.0	9
107	Synthesis and Photoproperties of Edge-functionalized Zeolite-templated Carbon with Bromine or Carbazole Groups. <i>Chemistry Letters</i> , 2016, 45, 601-603.	1.3	8
108	Improvement of Cyclability of Li-Ion Batteries Using C-Coated Si Nanopowder Electrode Fabricated from Si Swarf with Limitation of Delithiation Capacity. <i>Journal of the Electrochemical Society</i> , 2017, 164, A995-A1001.	2.9	8

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109	Porous nanographene formation on $\gamma$ -alumina nanoparticles via transition-metal-free methane activation. <i>Chemical Science</i> , 2022, 13, 3140-3146.	7.4	8
110	Water-dispersible carbon nanopods with controllable graphene layer orientation. <i>Chemical Communications</i> , 2009, , 4554.	4.1	7
111	Microsphere Assemblies via Phosphonate Monoester Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 1533-1538.	3.3	7
112	Development of a simple NLDFT model for the analysis of adsorption isotherms on zeolite templated carbon (ZTC). <i>Carbon</i> , 2020, 169, 205-213.	10.3	7
113	Pillar[6]quinone: facile synthesis, crystal structures and electrochemical properties. <i>Chemical Communications</i> , 2021, 57, 6360-6363.	4.1	7
114	Template synthesis of carbon-based uniform nanoporous materials and their applications for energy storage. <i>Tanso</i> , 2011, 2011, 89-95.	0.1	7
115	Nuclear quantum effect on hydrogen adsorption site of zeolite-templated carbon model using path integral molecular dynamics. <i>Journal of Alloys and Compounds</i> , 2011, 509, S868-S871.	5.5	6
116	Phase Diagram of 4He Film in 3D Nanopores of ZTC. <i>Journal of Low Temperature Physics</i> , 2011, 162, 565-572.	1.4	6
117	Nuclear magnetic resonance study of zeolite-templated carbon. <i>Synthetic Metals</i> , 2016, 221, 149-152.	3.9	6
118	Helium Film Formed in 1.2 nm Pore in Zeolite Templated Carbon. <i>Journal of Low Temperature Physics</i> , 2010, 158, 275-280.	1.4	5
119	Energy Storage: Templated Nanocarbons for Energy Storage ( <i>Adv. Mater.</i> 33/2012). <i>Advanced Materials</i> , 2012, 24, 4466-4466.	21.0	5
120	Giant Carbon Nano-Test Tubes as Versatile Imaging Vessels for High-Resolution and In Situ Observation of Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 26507-26516.	8.0	5
121	Coordination chemistry for innovative carbon-related materials. <i>Coordination Chemistry Reviews</i> , 2022, 466, 214577.	18.8	5
122	Isotope effect of proton and deuteron adsorption site on zeolite-templated carbon using path integral molecular dynamics. <i>Theoretical Chemistry Accounts</i> , 2011, 130, 1039-1042.	1.4	4
123	Synthesis of zeolite-templated carbons for methane storage: A molecular simulation study. <i>Tanso</i> , 2018, 2018, 197-203.	0.1	4
124	Adsorption properties of templated nanoporous carbons comprising 1-2 graphene layers. , 2022, 1, 123-135.		4
125	One-Step Fabrication of Homogeneous Ta <sub>3</sub> N <sub>5</sub> Crystal Photoanodes Using TaF <sub>5</sub> Evaporation Supply for Photoelectrochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2021, 4, 2690-2695.	5.1	3
126	Synthesis of microporous polymers with exposed C <sub>60</sub> surfaces by polyesterification of fullereneol. <i>Chemical Communications</i> , 2022, 58, 7086-7089.	4.1	3



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127	Synthesis of nano-carbons by using the template method. Tanso, 2008, 2008, 307-315.	0.1	2
128	Central metal dependent modulation of induced-fit gas uptake in molecular porphyrin solids. Chemical Communications, 2018, 54, 7822-7825.	4.1	2
129	Nanoscale characterization of the site-specific degradation of electric double-layer capacitor using scanning electrochemical cell microscopy. Electrochemical Science Advances, 0, , e2100053.	2.8	2
130	Carbon tubules containing nanocrystalline SiC produced by the graphitization of sugar cane bagasse. Carbon, 2014, 68, 814-817.	10.3	1
131	Microhoneycomb Monoliths Prepared by the Unidirectional Freeze-drying of Cellulose Nanofiber Based Sols: Method and Extensions. Journal of Visualized Experiments, 2018, , .	0.3	1
132	Helically Aligned Fused Carbon Hollow Nanospheres with Chiral Discrimination Ability. Nanoscale, 2022, , .	5.6	1
133	Synthesis and electrocatalysis of ordered carbonaceous frameworks from Ni porphyrin with four ethynyl groups. Catalysis Today, 2022, , .	4.4	1
134	Formation of unique nanowhiskers on carbon gels. Carbon, 2004, 42, 2119-2121.	10.3	0
135	Carbon deposition into nanospace through CVD. Tanso, 2007, 2007, 345-351.	0.1	0
136	Electronic structure studies of carbon materials by high energy-resolution carbon K-emission spectroscopy measurements. Microscopy and Microanalysis, 2008, 14, 796-797.	0.4	0
137	Innen- und Aussenstruktur: Porous Carbon Fibers Containing Pores with Sizes Controlled at the Ångstrom Level by the Cavity Size of Pillar[6]arene (Angew. Chem. 22/2015). Angewandte Chemie, 2015, 127, 6751-6751.	2.0	0
138	CONTROLLING MICROMORPHOLOGY OF SILICA GELS BY UNIDIRECTIONAL FREEZING AND FREEZE DRYING. , 2007, , .		0