

Ming Zhou

List of Publications by Year in descending order

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123
papers

9,765
citations

36303

51
h-index

36028

97
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131
all docs

131
docs citations

131
times ranked

12307
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensing and Biosensing Platform Based on Chemically Reduced Graphene Oxide. <i>Analytical Chemistry</i> , 2009, 81, 5603-5613.	6.5	1,635
2	Controlled Synthesis of Large Area and Patterned Electrochemically Reduced Graphene Oxide Films. <i>Chemistry - A European Journal</i> , 2009, 15, 6116-6120.	3.3	739
3	Towards high-efficiency nanoelectrocatalysts for oxygen reduction through engineering advanced carbon nanomaterials. <i>Chemical Society Reviews</i> , 2016, 45, 1273-1307.	38.1	589
4	Electrochemical Behavior of Cysteine and Its Detection at Ordered Mesoporous Carbon-Modified Glassy Carbon Electrode. <i>Analytical Chemistry</i> , 2007, 79, 5328-5335.	6.5	302
5	Bioelectrochemical Interface Engineering: Toward the Fabrication of Electrochemical Biosensors, Biofuel Cells, and Self-Powered Logic Biosensors. <i>Accounts of Chemical Research</i> , 2011, 44, 1232-1243.	15.6	262
6	Nickel/Copper nanoparticles modified TiO ₂ nanotubes for non-enzymatic glucose biosensors. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 501-508.	7.8	173
7	Highly ordered mesoporous carbons as electrode material for the construction of electrochemical dehydrogenase- and oxidase-based biosensors. <i>Biosensors and Bioelectronics</i> , 2008, 24, 442-447.	10.1	164
8	Biofuel Cells for Self-Powered Electrochemical Biosensing and Logic Biosensing: A Review. <i>Electroanalysis</i> , 2012, 24, 197-209.	2.9	149
9	Electrochemistry and electrocatalysis of polyoxometalate-ordered mesoporous carbon modified electrode. <i>Analytica Chimica Acta</i> , 2007, 587, 124-131.	5.4	141
10	Solid-State Probe Based Electrochemical Aptasensor for Cocaine: A Potentially Convenient, Sensitive, Repeatable, and Integrated Sensing Platform for Drugs. <i>Analytical Chemistry</i> , 2010, 82, 1556-1563.	6.5	139
11	A Self-Powered "Sense-Act-Treat" System that is Based on a Biofuel Cell and Controlled by Boolean Logic. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2686-2689.	13.8	139
12	The characteristics of highly ordered mesoporous carbons as electrode material for electrochemical sensing as compared with carbon nanotubes. <i>Electrochemistry Communications</i> , 2008, 10, 859-863.	4.7	131
13	Aptamer-Controlled Biofuel Cells in Logic Systems and Used as Self-Powered and Intelligent Logic Aptasensors. <i>Journal of the American Chemical Society</i> , 2010, 132, 2172-2174.	13.7	130
14	Construction of unique cupric oxide/manganese dioxide core-shell arrays on a copper grid for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10786-10793.	10.3	125
15	A novel flower-like architecture of FeCo@NC-functionalized ultra-thin carbon nanosheets as a highly efficient 3D bifunctional electrocatalyst for full water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5413-5425.	10.3	124
16	Design and synthesis of integrally structured Ni ₃ N nanosheets/carbon microfibers/Ni ₃ N nanosheets for efficient full water splitting catalysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9377-9390.	10.3	123
17	Dynamic Isolation and Unloading of Target Proteins by Aptamer-Modified Microtransporters. <i>Analytical Chemistry</i> , 2011, 83, 7962-7969.	6.5	122
18	Hybrid carbon nanowire networks with Fe-P bond active site for efficient oxygen/hydrogen-based electrocatalysis. <i>Nano Energy</i> , 2017, 33, 221-228.	16.0	121

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19	Ni nanoparticles decorated titania nanotube arrays as efficient nonenzymatic glucose sensor. <i>Electrochimica Acta</i> , 2012, 76, 512-517.	5.2	120
20	Electrochemical Sensing Platform Based on the Highly Ordered Mesoporous Carbon@Fullerene System. <i>Analytical Chemistry</i> , 2008, 80, 4642-4650.	6.5	115
21	Label-free, regenerative and sensitive surface plasmon resonance and electrochemical aptasensors based on graphene. <i>Chemical Communications</i> , 2011, 47, 7794.	4.1	114
22	Small-size biofuel cell on paper. <i>Biosensors and Bioelectronics</i> , 2012, 35, 155-159.	10.1	113
23	Electrochemical sensors and biosensors based on less aggregated graphene. <i>Biosensors and Bioelectronics</i> , 2017, 89, 167-186.	10.1	113
24	Ordered magnetic core@manganese oxide shell nanostructures and their application in water treatment. <i>Journal of Materials Chemistry</i> , 2009, 19, 7030.	6.7	110
25	Graphene Enhanced Electron Transfer at Aptamer Modified Electrode and Its Application in Biosensing. <i>Analytical Chemistry</i> , 2012, 84, 7301-7307.	6.5	106
26	Three-dimensional ordered macroporous MnO ₂ /carbon nanocomposites as high-performance electrodes for asymmetric supercapacitors. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19730.	2.8	101
27	G-Quadruplex-based DNAzyme for colorimetric detection of cocaine: Using magnetic nanoparticles as the separation and amplification element. <i>Analyst</i> , 2011, 136, 493-497.	3.5	99
28	Bicomponent Microneedle Array Biosensor for Minimally Invasive Glutamate Monitoring. <i>Electroanalysis</i> , 2011, 23, 2302-2309.	2.9	99
29	Au NPs-enhanced surface plasmon resonance for sensitive detection of mercury(II) ions. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2622-2626.	10.1	93
30	Integrated Self-Powered Microchip Biosensor for Endogenous Biological Cyanide. <i>Analytical Chemistry</i> , 2010, 82, 4283-4287.	6.5	92
31	Development of high performance of Co/Fe/N/CNT nanocatalyst for oxygen reduction in microbial fuel cells. <i>Talanta</i> , 2010, 81, 444-448.	5.5	92
32	Microfluidic Electrochemical Aptameric Assay Integrated On-Chip: A Potentially Convenient Sensing Platform for the Amplified and Multiplex Analysis of Small Molecules. <i>Analytical Chemistry</i> , 2011, 83, 1523-1529.	6.5	92
33	Recent Progress on the Development of Biofuel Cells for Self-Powered Electrochemical Biosensing and Logic Biosensing: A Review. <i>Electroanalysis</i> , 2015, 27, 1786-1810.	2.9	83
34	A Self-Powered Acetaldehyde Sensor Based on Biofuel Cell. <i>Analytical Chemistry</i> , 2012, 84, 10345-10349.	6.5	76
35	Immobilization of Nafion-ordered mesoporous carbon on a glassy carbon electrode: Application to the detection of epinephrine. <i>Electrochimica Acta</i> , 2008, 53, 4176-4184.	5.2	74
36	Gas transport in porous electrodes of solid oxide fuel cells: A review on diffusion and diffusivity measurement. <i>Journal of Power Sources</i> , 2013, 237, 64-73.	7.8	73

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37	Structuring Porous Iron-Nitrogen-Doped Carbon in a Core/Shell Geometry for the Oxygen Reduction Reaction. <i>Advanced Energy Materials</i> , 2014, 4, 1400840.	19.5	73
38	Structurally Defined 3D Nanographene Assemblies via Bottom-Up Chemical Synthesis for Highly Efficient Lithium Storage. <i>Advanced Materials</i> , 2016, 28, 10250-10256.	21.0	72
39	Guided Synthesis of a Mo/Zn Dual Single-Atom Nanozyme with Synergistic Effect and Peroxidase-Like Activity. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	72
40	Highly ordered mesoporous carbons-based glucose/O ₂ biofuel cell. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2904-2908.	10.1	70
41	Layer-by-layer electrochemical biosensor with aptamer-appended active polyelectrolyte multilayer for sensitive protein determination. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1902-1907.	10.1	70
42	Recent Advances in the Construction of Biofuel Cells Based Self-Powered Electrochemical Biosensors: A Review. <i>Electroanalysis</i> , 2018, 30, 2535-2550.	2.9	68
43	Electrostatic assembly of gold nanoparticles on black phosphorus nanosheets for electrochemical aptasensing of patulin. <i>Mikrochimica Acta</i> , 2019, 186, 238.	5.0	65
44	A flexible and wearable epidermal ethanol biofuel cell for on-body and real-time bioenergy harvesting from human sweat. <i>Nano Energy</i> , 2021, 86, 106061.	16.0	63
45	Electrocatalytic Interface Based on Novel Carbon Nanomaterials for Advanced Electrochemical Sensors. <i>ChemCatChem</i> , 2015, 7, 2744-2764.	3.7	59
46	Toehold strand displacement-driven assembly of G-quadruplex DNA for enzyme-free and non-label sensitive fluorescent detection of thrombin. <i>Biosensors and Bioelectronics</i> , 2015, 64, 306-310.	10.1	59
47	The biomass of ground cherry husks derived carbon nanoplates for electrochemical sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3248-3256.	7.8	59
48	Green and low-cost synthesis of nitrogen-doped graphene-like mesoporous nanosheets from the biomass waste of okara for the amperometric detection of vitamin C in real samples. <i>Talanta</i> , 2019, 200, 300-306.	5.5	57
49	Graphene Oxides Used as a New "Dual Role" Binder for Stabilizing Silicon Nanoparticles in Lithium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15665-15672.	8.0	56
50	Metal-Organic Framework-Integrated Enzymes as Bioreactor for Enhanced Therapy against Solid Tumor via a Cascade Catalytic Reaction. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6207-6215.	5.2	55
51	Biomass waste derived carbon nanoballs aggregation networks-based aerogels as electrode material for electrochemical sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 195-204.	7.8	54
52	Fe, Co bimetal activated N-doped graphitic carbon layers as noble metal-free electrocatalysts for high-performance oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2017, 710, 57-65.	5.5	52
53	Comparison Study toward the Influence of the Second Metals Doping on the Oxygen Evolution Activity of Cobalt Nitrides. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11457-11465.	6.7	51
54	DNAzyme logic-controlled biofuel cells for self-powered biosensors. <i>Chemical Communications</i> , 2012, 48, 3815.	4.1	50

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55	Flower-like NiFe layered double hydroxides coated MnO ₂ for high-performance flexible supercapacitors. <i>Journal of Energy Storage</i> , 2017, 11, 242-248.	8.1	50
56	A silk derived carbon fiber mat modified with Au@Pt urchinlike nanoparticles: A new platform as electrochemical microbial biosensor. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2189-2193.	10.1	49
57	Functionalized fullerenes for highly efficient lithium ion storage: Structure-property-performance correlation with energy implications. <i>Nano Energy</i> , 2017, 40, 327-335.	16.0	49
58	Hybridized Polyoxometalate-Based Metal-Organic Framework with Ketjenblack for the Nonenzymatic Detection of H ₂ O ₂ . <i>Chemistry - an Asian Journal</i> , 2018, 13, 2054-2059.	3.3	49
59	A biofuel cell with a single-walled carbon nanohorn-based bioanode operating at physiological condition. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1544-1547.	10.1	48
60	DUT-67 and tubular polypyrrole formed a cross-linked network for electrochemical detection of nitrofurazone and ornidazole. <i>Analytica Chimica Acta</i> , 2020, 1109, 1-8.	5.4	48
61	Multiplexed and switchable release of distinct fluids from microneedle platforms via conducting polymer nanoactuators for potential drug delivery. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 1018-1024.	7.8	42
62	A Self-Powered and Reusable Biocomputing Security Keypad Lock System Based on Biofuel Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 7719-7724.	3.3	40
63	To boost c-type cytochrome wire efficiency of electrogenic bacteria with Fe ₃ O ₄ /Au nanocomposites. <i>Chemical Communications</i> , 2010, 46, 7172.	4.1	40
64	A Flexible Microfluidic Chip-Based Universal Fully Integrated Nanoelectronic System with Point-of-Care Raw Sweat, Tears, or Saliva Glucose Monitoring for Potential Noninvasive Glucose Management. <i>Analytical Chemistry</i> , 2022, 94, 1890-1900.	6.5	38
65	Fast and Facile Room-Temperature Synthesis of MOF-Derived Co Nanoparticle/Nitrogen-Doped Porous Graphene in Air Atmosphere for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11947-11955.	6.7	36
66	Sustainability Perspective-Oriented Synthetic Strategy for Zinc Single-Atom Catalysts Boosting Electrocatalytic Reduction of Carbon Dioxide and Oxygen. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13813-13822.	6.7	35
67	Ultrasensitive electrochemiluminescence biosensing platform for miRNA-21 and MUC1 detection based on dual catalytic hairpin assembly. <i>Analytica Chimica Acta</i> , 2020, 1105, 87-94.	5.4	35
68	An IMP-Reset gate-based reusable and self-powered "smart" logic aptasensor on a microfluidic biofuel cell. <i>Lab on A Chip</i> , 2010, 10, 2932.	6.0	34
69	Low-cost and environment-friendly synthesis of carbon nanorods assembled hierarchical meso-macroporous carbons networks aerogels from natural apples for the electrochemical determination of ascorbic acid and hydrogen peroxide. <i>Analytica Chimica Acta</i> , 2019, 1047, 36-44.	5.4	34
70	A Bendable Biofuel Cell-Based Fully Integrated Biomedical Nanodevice for Point-of-Care Diagnosis of Scurvy. <i>ACS Sensors</i> , 2021, 6, 275-284.	7.8	34
71	Cost-effective synthesis of three-dimensional nitrogen-doped nanostructured carbons with hierarchical architectures from the biomass of sea-tangle for the amperometric determination of ascorbic acid. <i>Analytica Chimica Acta</i> , 2018, 1029, 15-23.	5.4	33
72	Sensitive nonenzymatic detection of hydrogen peroxide at nitrogen-doped graphene supported-CoFe nanoparticles. <i>Talanta</i> , 2018, 188, 339-348.	5.5	33

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73	Enzymeless electrochemical detection of hydrogen peroxide at Pd nanoparticles/porous graphene. <i>Journal of Electroanalytical Chemistry</i> , 2016, 781, 204-211.	3.8	32
74	Recent progress in electrochemical sensing of cardiac troponin by using nanomaterial-induced signal amplification. <i>Mikrochimica Acta</i> , 2017, 184, 1573-1585.	5.0	32
75	Development of Conjugated Polymers for Memory Device Applications. <i>Polymers</i> , 2017, 9, 25.	4.5	31
76	Designing iron carbide embedded isolated boron (B) and nitrogen (N) atoms co-doped porous carbon fibers networks with tiny amount of B N bonds as high-efficiency oxygen reduction reaction catalysts. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 709-722.	9.4	31
77	Electrocatalytic water splitting at nitrogen-doped carbon layers-encapsulated nickel cobalt selenide. <i>Journal of Energy Chemistry</i> , 2019, 34, 161-170.	12.9	31
78	Thiourea-assistant growth of In ₂ O ₃ porous pompon assembled from 2D nanosheets for enhanced ethanol sensing performance. <i>Talanta</i> , 2020, 219, 121323.	5.5	31
79	Co _{0.5} Ni _{0.5} P nanoparticles embedded in carbon layers for efficient electrochemical water splitting. <i>Journal of Alloys and Compounds</i> , 2018, 764, 88-95.	5.5	29
80	Designing transition metal alloy nanoparticles embedded hierarchically porous carbon nanosheets as high-efficiency electrocatalysts toward full water splitting. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 280-294.	9.4	28
81	Boolean logic gates based on oxygen-controlled biofuel cell in "one pot". <i>Electrochimica Acta</i> , 2011, 56, 4112-4118.	5.2	26
82	Biomass derived worm-like nitrogen-doped-carbon framework for trace determination of toxic heavy metal lead (II). <i>Analytica Chimica Acta</i> , 2020, 1116, 16-26.	5.4	26
83	Enzyme-based NAND gate for rapid electrochemical screening of traumatic brain injury in serum. <i>Analytica Chimica Acta</i> , 2011, 703, 94-100.	5.4	25
84	Electrochemical sensing platform based on kelp-derived hierarchical meso-macroporous carbons. <i>Analytica Chimica Acta</i> , 2018, 1003, 16-25.	5.4	24
85	Highly Alloyed PtRu Nanoparticles Confined in Porous Carbon Structure as a Durable Electrocatalyst for Methanol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18938-18950.	8.0	23
86	Monodisperse and Tiny Co ₂ N _{0.67} Nanocrystals Uniformly Embedded over Two Curving Surfaces of Hollow Carbon Microfibers as Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Nano Materials</i> , 2018, 1, 4461-4473.	5.0	23
87	The evaluation of Coulombic interaction in the oriented-attachment growth of colloidal nanorods. <i>Analyst</i> , 2012, 137, 4917.	3.5	21
88	A nanocomposite prepared from metal-free mesoporous carbon nanospheres and graphene oxide for voltammetric determination of doxorubicin. <i>Mikrochimica Acta</i> , 2019, 186, 639.	5.0	21
89	Synthesis of a three-dimensional interconnected carbon nanorod aerogel from wax gourd for amperometric sensing. <i>Mikrochimica Acta</i> , 2018, 185, 482.	5.0	20
90	Facile controlled synthesis of AuPd and AuPt bimetallic nanocrystals for enhanced electrocatalytic sensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126724.	7.8	20

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91	Nickel-Based Metal-Organic Framework/Crosslinked Tubular Poly(3,4-ethylenedioxythiophene) Composite as an Electrocatalyst for the Detection of Gallic Acid and Tinidazole. <i>ChemElectroChem</i> , 2020, 7, 4031-4037.	3.4	20
92	Non-destructive™ biocomputing security system based on gas-controlled biofuel cell and potentially used for intelligent medical diagnostics. <i>Bioinformatics</i> , 2011, 27, 399-404.	4.1	19
93	Electrogenerated chemiluminescence biosensing method for highly sensitive detection of DNA hydroxymethylation: Combining glycosylation with Ru(phen) ₃ ²⁺ -assembled graphene oxide. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 123-129.	3.8	18
94	Amperometric ascorbic acid biosensor based on carbon nanoplatelets derived from ground cherry husks. <i>Electrochemistry Communications</i> , 2017, 82, 139-144.	4.7	18
95	Rapid and facile laser-assistant preparation of Ru-ZIF-67-derived CoRu nanoalloy@N-doped graphene for electrocatalytic hydrogen evolution reaction at all pH values. <i>Electrochimica Acta</i> , 2021, 382, 138337.	5.2	18
96	Insight into a class of cobalt nitrides for oxygen evolution catalysis: Nitrogen-rich matters. <i>Electrochimica Acta</i> , 2019, 323, 134684.	5.2	17
97	Oxygen vacancy-enhanced photothermal performance and reactive oxygen species generation for synergistic tumour therapy. <i>Chemical Communications</i> , 2020, 56, 11259-11262.	4.1	16
98	FeNi Nanoparticles Embedded in Porous Nitrogen-Doped Graphene for Electrocatalytic Evolution of Hydrogen and Oxygen. <i>ACS Applied Nano Materials</i> , 2020, 3, 6336-6343.	5.0	15
99	DNA-hosted Hoechst dyes: application for label-free fluorescent monitoring of endonuclease activity and inhibition. <i>Analyst</i> , The, 2014, 139, 5682-5685.	3.5	14
100	Mitigating the Degradation of Carbon-Supported Pt Electrocatalysts by Tungsten Oxide Nanoplates. <i>Electrochimica Acta</i> , 2016, 188, 529-536.	5.2	14
101	Amperometric sensing of ascorbic acid by using a glassy carbon electrode modified with mesoporous carbon nanorods. <i>Mikrochimica Acta</i> , 2018, 185, 474.	5.0	14
102	Designing and synthesizing various nickel nitride (Ni ₃ N) nanosheets dispersed carbon nanomaterials with different structures and porosities as the high-efficiency non-enzymatic sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 962-975.	7.8	13
103	Electrogenerated chemiluminescence biosensing method for methyltransferase activity using tris(1, Tj ETQq1 1 0.784314 rgBT /Over 731, 133-138.	3.8	12
104	Laser conversion of biomass into porous carbon composite under ambient condition for pH-Universal electrochemical hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 885-893.	9.4	12
105	The influence of oxidation debris containing in graphene oxide on the adsorption and electrochemical properties of 1,10-phenanthroline-5,6-dione. <i>Analyst</i> , The, 2016, 141, 2761-2766.	3.5	11
106	Cobalt-doped carbon nitride supported on ordered mesoporous carbon as noble metal-free oxygen reduction electrocatalysts. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 131, 111-118.	4.0	11
107	C ₆₀ (OH) ₁₂ and Its Nanocomposite for High-Performance Lithium Storage. <i>ACS Nano</i> , 2020, 14, 1600-1608.	14.6	11
108	Signal-On Electrochemical Detection for Drug-Resistant Hepatitis B Virus Mutants through Three-Way Junction Transduction and Exonuclease III-Assisted Catalyzed Hairpin Assembly. <i>Analytical Chemistry</i> , 2022, 94, 600-605.	6.5	11

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109	Wearable Microbial Fuel Cells for Sustainable Self-Powered Electronic Skins. ACS Applied Materials & Interfaces, 2022, 14, 8664-8668.	8.0	11
110	Guided Synthesis of a Mo/Zn Dual Single-Atom Nanozyme with Synergistic Effect and Peroxidase-Like Activity. Angewandte Chemie, 2022, 134, .	2.0	11
111	A Novel Electrochemical Sensor for Detection of Baicalein in Human Serum Based on DUT-9/Mesoporous Carbon Composite. Electroanalysis, 2020, 32, 648-655.	2.9	9
112	Electrochemical capacitor performance of TiO ₂ nanostructures and porous MnO ₂ composite supported on carbon fiber paper. Ceramics International, 2017, 43, 10595-10600.	4.8	8
113	Modification of surface layer of magnesium oxide via partial dissolution and re-growth of crystallites. Applied Surface Science, 2011, 257, 3412-3416.	6.1	7
114	Magnetic control of bioelectrocatalytic processes based on assembled iron oxide particles. Electrochemistry Communications, 2008, 10, 1172-1175.	4.7	6
115	Out-of-Cell Oxygen Diffusivity Evaluation in Lithium-Air Batteries. ChemElectroChem, 2014, 1, 2052-2057.	3.4	6
116	Advancing Lithium-Oxygen Battery Technology with an Iron-Nitrogen-Doped Mesoporous Core-Shell Carbon Cathode Loaded with Ruthenium(IV) Oxide Nanoparticles. Energy Technology, 2017, 5, 732-739.	3.8	6
117	Crab Shell-Templated Fe and N Co-Doped Mesoporous Carbon Nanofibers as a Highly Efficient Oxygen Reduction Reaction Electrocatalyst. ChemistrySelect, 2018, 3, 3722-3730.	1.5	6
118	Single-Step and Room-Temperature Synthesis of Laser-Induced Pt/VC Nanocomposites as Effective Bifunctional Electrocatalysts for Hydrogen Evolution and Oxygen Evolution Reactions. ACS Applied Materials & Interfaces, 2022, 14, 23332-23341.	8.0	5
119	Amperometric Ascorbic Acid Sensor Based on Disposable Facial Tissues Derived Carbon Aerogels. Chemical Research in Chinese Universities, 2020, 36, 139-144.	2.6	4
120	Banana peel derived nitrogen-doped porous carbon with enhanced electrocatalytic activity for complete oxidation of methanol under room temperature. Sensors and Actuators B: Chemical, 2021, 344, 130112.	7.8	4
121	Carbon nanorods assembled coral-like hierarchical meso-macroporous carbon as sustainable materials for efficient biosensing and biofuel cell. Analytica Chimica Acta, 2022, 1220, 339994.	5.4	3
122	Sweet potato derived three-dimensional carbon aerogels with a hierarchical meso-macroporous and branching nanostructure for electroanalysis. Analyst, The, 2021, 146, 1216-1223.	3.5	1
123	Special Issue for Point-of-Care Testing. Electroanalysis, 0, , .	2.9	0