

Li Xu

List of Publications by Year in descending order

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116
papers

6,798
citations

50170

46
h-index

64668

79
g-index

118
all docs

118
docs citations

118
times ranked

7142
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of sphere-like g-C ₃ N ₄ /BiOI photocatalysts via a reactable ionic liquid for visible-light-driven photocatalytic degradation of pollutants. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5340.	5.2	439
2	Exfoliated graphene-like carbon nitride in organic solvents: enhanced photocatalytic activity and highly selective and sensitive sensor for the detection of trace amounts of Cu ²⁺ . <i>Journal of Materials Chemistry A</i> , 2014, 2, 2563.	5.2	330
3	Self-assembled synthesis of defect-engineered graphitic carbon nitride nanotubes for efficient conversion of solar energy. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 154-161.	10.8	296
4	Cr-doped CoFe layered double hydroxides: Highly efficient and robust bifunctional electrocatalyst for the oxidation of water and urea. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118959.	10.8	210
5	Engineering Crystallinity and Oxygen Vacancies of Co(II) Oxide Nanosheets for High Performance and Robust Rechargeable Zn-Air Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2101239.	7.8	202
6	Reactable ionic liquid-assisted rapid synthesis of BiOI hollow microspheres at room temperature with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15864-15874.	5.2	196
7	Morphology controlled preparation of ZnCo ₂ O ₄ nanostructures for asymmetric supercapacitor with ultrahigh energy density. <i>Energy</i> , 2017, 123, 296-304.	4.5	177
8	Facile fabrication of the visible-light-driven Bi ₂ WO ₆ /BiOBr composite with enhanced photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 82-90.	1.7	174
9	Two-Step Activated Carbon Cloth with Oxygen-Rich Functional Groups as a High-Performance Additive-Free Air Electrode for Flexible Zinc-Air Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1802936.	10.2	170
10	A g-C ₃ N ₄ /BiOBr visible-light-driven composite: synthesis via a reactable ionic liquid and improved photocatalytic activity. <i>RSC Advances</i> , 2013, 3, 19624.	1.7	162
11	Construction of a 2D Graphene-Like MoS ₂ /C ₃ N ₄ Heterojunction with Enhanced Visible-Light Photocatalytic Activity and Photoelectrochemical Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 4764-4773.	1.7	149
12	Bidirectional acceleration of carrier separation spatially via N-CQDs/atomically-thin BiOI nanosheets nanojunctions for manipulating active species in a photocatalytic process. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5051-5061.	5.2	126
13	NiCo ₂ O ₄ ultrathin nanosheets with oxygen vacancies as bifunctional electrocatalysts for Zn-air battery. <i>Applied Surface Science</i> , 2019, 478, 552-559.	3.1	123
14	A ternary cobalt-molybdenum-vanadium layered double hydroxide nanosheet array as an efficient bifunctional electrocatalyst for overall water splitting. <i>Chemical Communications</i> , 2019, 55, 3521-3524.	2.2	121
15	Space-Constrained Yolk-Shell Construction of Fe ₃ O ₄ Nanoparticles Inside N-Doped Hollow Mesoporous Carbon Spheres as Bifunctional Electrocatalysts for Long-Term Rechargeable Zinc-Air Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2005834.	7.8	119
16	A sensitive signal-on photoelectrochemical sensor for tetracycline determination using visible-light-driven flower-like CN/BiOBr composites. <i>Biosensors and Bioelectronics</i> , 2018, 111, 74-81.	5.3	115
17	One-pot solvothermal synthesis of Cu-modified BiOCl via a Cu-containing ionic liquid and its visible-light photocatalytic properties. <i>RSC Advances</i> , 2014, 4, 14281.	1.7	111
18	Manipulation of Edge-Site Fe-N ₂ Moiety on Holey Fe, N Codoped Graphene to Promote the Cycle Stability and Rate Capacity of Li-S Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1807485.	7.8	109

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19	Biomass willow catkin-derived Co ₃ O ₄ /N-doped hollow hierarchical porous carbon microtubes as an effective tri-functional electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20170-20179.	5.2	102
20	Interface Engineering of CoS/CoO@N-Doped Graphene Nanocomposite for High-Performance Rechargeable Zn-Air Batteries. <i>Nano-Micro Letters</i> , 2021, 13, 3.	14.4	95
21	CoN nanoparticles anchored on ultra-thin N-doped graphene as the oxygen reduction electrocatalyst for highly stable zinc-air batteries. <i>Carbon</i> , 2022, 196, 347-353.	5.4	94
22	Enhanced Photocatalytic Activity of Ag ₃ VO ₄ Loaded with Rare-Earth Elements under Visible-Light Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 10771-10778.	1.8	88
23	Improved visible light photocatalytic properties of Fe/BiOCl microspheres synthesized via self-doped reactable ionic liquids. <i>CrystEngComm</i> , 2013, 15, 10132.	1.3	84
24	Interface Engineering of Anti-Perovskite Ni ₃ FeN/VN Heterostructure for High-Performance Rechargeable Zinc-Air batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135291.	6.6	81
25	Non-Covalent Interaction of Atomically Dispersed Cu and Zn Pair Sites for Efficient Oxygen Reduction Reaction. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	79
26	The CoMo-LDH ultrathin nanosheet as a highly active and bifunctional electrocatalyst for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2964-2970.	3.0	76
27	Fe ₃ C/Fe ₂ O ₃ heterostructure embedded in N-doped graphene as a bifunctional catalyst for quasi-solid-state zinc-air batteries. <i>Carbon</i> , 2019, 146, 763-771.	5.4	76
28	Cu Nanoclusters/Fe ₄ Amorphous Composites with Dual Active Sites in N-Doped Graphene for High-Performance Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31340-31350.	4.0	71
29	Fe ₂ O ₃ Cubes with High Visible-Light-Activated Photoelectrochemical Activity towards Glucose: Hydrothermal Synthesis Assisted by a Hydrophobic Ionic Liquid. <i>Chemistry - A European Journal</i> , 2014, 20, 2244-2253.	1.7	68
30	Hollow cobalt oxide nanoparticles embedded in nitrogen-doped carbon nanosheets as an efficient bifunctional catalyst for Zn-air battery. <i>Journal of Energy Chemistry</i> , 2019, 33, 59-66.	7.1	68
31	Robust Pseudocapacitive Sodium Cation Intercalation Induced by Cobalt Vacancies at Atomically Thin Co ₃ Se ₂ /Graphene Heterostructure for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18830-18837.	7.2	68
32	Ionic liquid assisted synthesis and photocatalytic properties of Fe ₂ O ₃ hollow microspheres. <i>Dalton Transactions</i> , 2013, 42, 6468.	1.6	67
33	Controllable synthesis of Co ₃ catalysts derived from Co/Zn-ZIF-67 for electrocatalytic oxygen reduction in acidic electrolytes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21884-21891.	5.2	67
34	BiPO ₄ nanocrystal/BiOCl nanosheet heterojunction as the basis for a photoelectrochemical 4-chlorophenol sensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 466-475.	4.0	67
35	Solvothermal synthesis and enhanced visible-light photocatalytic decontamination of bisphenol A (BPA) by g-C ₃ N ₄ /BiOBr heterojunctions. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 96-103.	1.9	66
36	Graphitic carbon nitride/BiOCl composites for sensitive photoelectrochemical detection of ciprofloxacin. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 241-248.	5.0	63

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37	ZnCo ₂ O ₄ ultrathin nanosheets towards the high performance of flexible supercapacitors and bifunctional electrocatalysis. <i>Journal of Alloys and Compounds</i> , 2018, 764, 565-573.	2.8	63
38	An Fe-doped NiV LDH ultrathin nanosheet as a highly efficient electrocatalyst for efficient water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1890-1896.	3.0	61
39	Highly efficient phenothiazine 5,5-dioxide-based hole transport materials for planar perovskite solar cells with a PCE exceeding 20%. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9510-9516.	5.2	60
40	Low cost and green preparation process for Fe ₂ O ₃ @gum arabic electrode for high performance sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2102-2109.	5.2	58
41	AgX/graphite-like C ₃ N ₄ (X = Br, I) hybrid materials for photoelectrochemical determination of copper(II) ion. <i>Analyst</i> , 2013, 138, 6721.	1.7	56
42	Novel Cobalt-Iron-Vanadium Layered Double Hydroxide Nanosheet Arrays for Superior Water Oxidation Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16828-16834.	3.2	52
43	Graphitic Carbon Nitride Nanorods for Photoelectrochemical Sensing of Trace Copper(II) Ions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3665-3673.	1.0	51
44	Ionic liquid-assisted bidirectional regulation strategy for carbon quantum dots (CQDs)/Bi ₄ O ₅ I ₂ nanomaterials and enhanced photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 324-333.	5.0	51
45	The enhanced visible light photocatalytic activity of yttrium-doped BiOBr synthesized via a reactable ionic liquid. <i>Applied Surface Science</i> , 2015, 331, 170-178.	3.1	50
46	Fabrication of sensitive photoelectrochemical aptasensor using Ag nanoparticles sensitized bismuth oxyiodide for determination of chloramphenicol. <i>Microchemical Journal</i> , 2022, 178, 107317.	2.3	50
47	Enhanced photoelectrochemical aptasensing triggered by nitrogen deficiency and cyano group simultaneously engineered 2D carbon nitride for sensitively monitoring atrazine. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114144.	5.3	47
48	Strong coupled spinel oxide with N-rGO for high-efficiency ORR/OER bifunctional electrocatalyst of Zn-air batteries. <i>Journal of Energy Chemistry</i> , 2021, 57, 428-435.	7.1	45
49	Ionic liquid-assisted strategy for bismuth-rich bismuth oxybromides nanosheets with superior visible light-driven photocatalytic removal of bisphenol-A. <i>Journal of Colloid and Interface Science</i> , 2016, 473, 112-119.	5.0	43
50	Photoresponsive nanostructure assisted green synthesis of organics and polymers. <i>Applied Catalysis B: Environmental</i> , 2019, 249, 172-210.	10.8	43
51	Enhanced photoelectrochemical sensing performance of graphitic carbon nitride by nitrogen vacancies engineering. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111802.	5.3	43
52	A photoelectrochemical aptasensor for the determination of bisphenol A based on the Cu (I) modified graphitic carbon nitride. <i>Journal of Hazardous Materials</i> , 2020, 400, 123162.	6.5	43
53	In situ confinement growth of peasecod-like N-doped carbon nanotubes encapsulate bimetallic FeCu alloy as a bifunctional oxygen reaction cathode electrocatalyst for sustainable energy batteries. <i>Journal of Alloys and Compounds</i> , 2020, 826, 154152.	2.8	43
54	Highly Efficient Phenoxazine Core Unit Based Hole Transport Materials for Hysteresis-Free Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36608-36614.	4.0	41

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55	Photoelectrochemical sensing of 4-chlorophenol based on Au/BiOCl nanocomposites. <i>Talanta</i> , 2016, 156-157, 257-264.	2.9	40
56	NiCo alloy nanoparticles encapsulated in multi-dimensional N-doped carbon architecture as efficient bifunctional catalyst for rechargeable zinc-air batteries. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1041-1049.	2.8	39
57	Dual-active-sites design of CoN _x anchored on zinc-coordinated nitrogen-codoped porous carbon with efficient oxygen catalysis for high-stable rechargeable zinc-air batteries. <i>Chemical Engineering Journal</i> , 2021, 408, 127321.	6.6	39
58	Constructing a CeO ₂ @CoFe-layered double hydroxide heterostructure as an improved electrocatalyst for highly efficient water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4461-4468.	3.0	38
59	Metallic cobalt nanoparticles embedded in sulfur and nitrogen co-doped rambutan-like nanocarbons for the oxygen reduction reaction under both acidic and alkaline conditions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14291-14301.	5.2	37
60	Engineering the electronic states of Ni ₃ FeN via zinc ion regulation for promoting oxygen electrocatalysis in rechargeable Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2301-2307.	5.2	36
61	Molecular Engineering of Triphenylamine-Based Non-Fullerene Electron-Transport Materials for Efficient Rigid and Flexible Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38970-38977.	4.0	34
62	Reactable ionic liquid in situ-induced synthesis of Fe ₃ O ₄ nanoparticles modified N-doped hollow porous carbon microtubes for boosting multifunctional electrocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2019, 797, 849-858.	2.8	34
63	Co ₃ O ₄ nanoparticles/graphitic carbon nitride heterojunction for photoelectrochemical aptasensor of oxytetracycline. <i>Analytica Chimica Acta</i> , 2020, 1125, 299-307.	2.6	34
64	Manganese-Modulated Cobalt-Based Layered Double Hydroxide Grown on Nickel Foam with 1D-2D-3D Heterostructure for Highly Efficient Oxygen Evolution Reaction and Urea Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 9382-9388.	1.7	34
65	Improving cell performance and alleviating performance degradation by constructing a novel structure of membrane electrode assembly (MEA) of DMFCs. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 32231-32239.	3.8	33
66	Reactable ionic liquid assisted preparation of porous Co ₃ O ₄ nanostructures with enhanced supercapacitive performance. <i>CrystEngComm</i> , 2014, 16, 2395.	1.3	32
67	Cobalt Oxide Nanoparticles/Nitrogen-Doped Graphene as the Highly Efficient Oxygen Reduction Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 343-350.	3.2	30
68	Preparation of NiCo-LDH@NiCoV-LDH interconnected nanosheets as high-performance electrocatalysts for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 15583-15592.	3.8	29
69	Two-Dimensional Mn-Co LDH/Graphene Composite towards High-Performance Water Splitting. <i>Catalysts</i> , 2018, 8, 350.	1.6	27
70	Paper-derived cobalt and nitrogen co-doped carbon nanotube@porous carbon as a nonprecious metal electrocatalyst for the oxygen reduction reaction. <i>Chinese Journal of Catalysis</i> , 2018, 39, 790-799.	6.9	27
71	Rational Design of the CoS/Co ₉ S ₈ @NC Composite Enabling High-Rate Sodium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 5574-5582.	2.5	27
72	Exploitation of a photoelectrochemical sensing platform for catechol quantitative determination using BiPO ₄ nanocrystals/BiOI heterojunction. <i>Analytica Chimica Acta</i> , 2018, 1042, 11-19.	2.6	25

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73	Atomically thin mesoporous NiCo ₂ O ₄ grown on holey graphene for enhanced pseudocapacitive energy storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13443-13451.	5.2	25
74	Effect of air supply on the performance of an active direct methanol fuel cell (DMFC) fed with neat methanol. <i>International Journal of Green Energy</i> , 2018, 15, 181-188.	2.1	24
75	Construction of Mn valence-engineered MnO ₂ /BiOCl heterojunction coupled with carriers-trapping effect for enhanced photoelectrochemical lincomycin aptasensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128415.	4.0	24
76	Photoelectrochemical sensing of bisphenol a based on graphitic carbon nitride/bismuth oxyiodine composites. <i>RSC Advances</i> , 2017, 7, 7929-7935.	1.7	23
77	Integrated BiPO ₄ nanocrystal/BiOBr heterojunction for sensitive photoelectrochemical sensing of 4-chlorophenol. <i>Dalton Transactions</i> , 2018, 47, 13353-13359.	1.6	23
78	Plasmonic Bi microspheres doped carbon nitride heterojunction: Intensive photoelectrochemical aptasensor for bisphenol A. <i>Electrochimica Acta</i> , 2019, 319, 10-17.	2.6	23
79	A composite prepared from BiOBr and gold nanoparticles with electron sink and hot-electron donor properties for photoelectrochemical aptasensing of tetracycline. <i>Mikrochimica Acta</i> , 2019, 186, 794.	2.5	23
80	Engineering Antiperovskite Ni ₄ N/VN Heterostructure with Improved Intrinsic Interfacial Charge Transfer as a Bifunctional Catalyst for Rechargeable Zinc-Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17007-17015.	3.2	22
81	Ni _x Co _{3-3x} O ₄ Nanoneedle Arrays Grown on Ni Foam as an Efficient Bifunctional Electrocatalyst for Full Water Splitting. <i>Chemistry - an Asian Journal</i> , 2019, 14, 480-485.	1.7	21
82	Ionic Liquid Assisted Solvothermal Synthesis of Cu Polyhedron-Pattern Nanostructures and Their Application as Enhanced Nanoelectrocatalysts for Glucose Detection. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1361-1365.	1.0	20
83	Preparation of 1D CuO Nanorods by Means of a Metal Ion Containing Ionic Liquid and Their Supercapacitance. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2315-2323.	1.0	20
84	Electrospun Fe, N co-doped porous carbon nanofibers with Fe ₄ N species as a highly efficient oxygen reduction catalyst for rechargeable zinc-air batteries. <i>Applied Surface Science</i> , 2019, 492, 417-425.	3.1	20
85	Chromium-modulated multifunctional electrocatalytic activities of spinel oxide for Zn-air batteries and overall water splitting. <i>Journal of Power Sources</i> , 2020, 479, 229099.	4.0	19
86	Efficient photocatalytic hydrogen evolution by engineering amino groups into ultrathin 2D graphitic carbon nitride. <i>Applied Surface Science</i> , 2020, 507, 145085.	3.1	17
87	An enhanced photoelectrochemical ofloxacin aptasensor using NiFe layered double hydroxide/graphitic carbon nitride heterojunction. <i>Electrochimica Acta</i> , 2021, 368, 137595.	2.6	16
88	A photoelectrochemical aptasensor of ciprofloxacin based on Bi ₂₄ O ₃₁ Cl ₁₀ /BiOCl heterojunction. <i>Mikrochimica Acta</i> , 2021, 188, 289.	2.5	16
89	Significant improvement of photocatalytic activity of porous graphitic-carbon nitride/bismuth oxybromide microspheres synthesized in an ionic liquid by microwave-assisted processing. <i>Materials Science in Semiconductor Processing</i> , 2015, 32, 117-124.	1.9	15
90	Nanobody-based label-free photoelectrochemical immunoassay for highly sensitive detection of SARS-CoV-2 spike protein. <i>Analytica Chimica Acta</i> , 2022, 1211, 339904.	2.6	15

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91	Efficient degradation of methylene blue dye by catalytic oxidation using the Na ₈ Nb ₆ O ₁₉ ·13H ₂ O/H ₂ O ₂ system. Korean Journal of Chemical Engineering, 2011, 28, 1126-1132.	1.2	14
92	Fabricating highly active and stable tungsten carbide electrocatalyst for rechargeable zinc-air batteries: An approach of dual metal Co-adjusted the electronic structure. Journal of Alloys and Compounds, 2021, 868, 159236.	2.8	14
93	Reactable ionic liquid-assisted solvothermal synthesis of flower-like bismuth oxybromide microspheres with highly visible-light photocatalytic performances. Micro and Nano Letters, 2013, 8, 450-454.	0.6	13
94	Ag@CeO ₂ -Au Nanorod Plasmonic Nanohybrids for Enhanced Photocatalytic Conversion of Benzyl Alcohol to Benzaldehyde. ACS Applied Nano Materials, 2022, 5, 4972-4982.	2.4	13
95	Non-light-driven reduced graphene oxide anchored TiO ₂ nanocatalysts with enhanced catalytic oxidation performance. Journal of Colloid and Interface Science, 2017, 507, 35-41.	5.0	12
96	A self-powered photoelectrochemical aptamer probe for oxytetracycline based on the use of a NiO nanocrystal/g-C ₃ N ₄ heterojunction. Mikrochimica Acta, 2019, 186, 737.	2.5	12
97	Robust Pseudocapacitive Sodium Cation Intercalation Induced by Cobalt Vacancies at Atomically Thin Co _{1-x} Se ₂ /Graphene Heterostructure for Sodium-Ion Batteries. Angewandte Chemie, 2021, 133, 18978-18985.	1.6	12
98	Facile synthesis, spectroscopic and electrochemical properties, and theoretical calculations of porphyrin dimers with a bridging amide-bonded xanthen moiety. Journal of Porphyrins and Phthalocyanines, 2015, 19, 819-829.	0.4	10
99	Electrochemical and Transport Characteristics of V(II)/V(III) Redox Couple in a Nonaqueous Deep Eutectic Solvent: Temperature Effect. Journal of Energy Engineering - ASCE, 2017, 143, .	1.0	10
100	A photoelectrochemical aptasensor for sensitively monitoring chloramphenicol using plasmon-driven AgNP/BiOCl composites. Analyst, The, 2020, 145, 7695-7700.	1.7	10
101	Reprogramming the redox states of nickel <i>via</i> interface engineering and heteroatom doping to boost overall water splitting. Journal of Materials Chemistry A, 2022, 10, 10525-10539.	5.2	10
102	Fe ₂ O ₃ Nanoparticles Modified 2D N-Doped Porous Graphene-like Carbon as an Efficient and Robust Electrocatalyst for Oxygen Reduction Reaction. ChemistrySelect, 2019, 4, 4131-4139.	0.7	9
103	FeWO ₄ /nitrogen-doped multi-dimensional porous carbon for the highly efficient and stable oxygen reduction reaction. Journal of Alloys and Compounds, 2021, 853, 157342.	2.8	8
104	Engineering Mn atomic sites in multi-dimensional nitrogen-doped carbon for highly efficient oxygen reduction reaction. Chemical Communications, 2022, 58, 871-874.	2.2	8
105	A sensitive photoelectrochemical aptasensor for enrofloxacin detection based on plasmon-sensitized bismuth-rich bismuth oxyhalide. Talanta, 2022, 246, 123515.	2.9	8
106	Metal ion-containing ionic liquid assisted synthesis and enhanced photoelectrochemical performance of g-C ₃ N ₄ /ZnO composites. Materials Technology, 2018, 33, 185-192.	1.5	7
107	Rational Design of Porous TiO ₂ @N-Doped Carbon for High Rate Lithium-Ion Batteries. Energy Technology, 2019, 7, 1800911.	1.8	7
108	Sulfur doping optimized intermediate energetics of FeCoOOH for enhanced oxygen evolution catalytic activity. Cell Reports Physical Science, 2021, 2, 100331.	2.8	7

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109	Fabrication of a photoelectrochemical aptasensor for sensitively detecting enrofloxacin antibiotic based on g-C ₃ N ₄ /Bi ₂ O ₃ /Cl ₁₀ heterojunction. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107208.	3.3	7
110	Strong electronic coupled FeNi ₃ /Fe ₂ (MoO ₄) ₃ nanohybrids for enhancing the electrocatalytic activity for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2791-2798.	3.0	5
111	±-Fe ₂ O ₃ /alkalinized C ₃ N ₄ heterostructure as efficient electrocatalyst for oxygen reduction reaction. <i>Journal of Materials Science</i> , 2022, 57, 2012-2020.	1.7	5
112	Graphene-like BN/BiOBr composite: synthesis via a reactable ionic liquid and enhanced visible light photocatalytic performance. <i>Materials Technology</i> , 2016, 31, 463-470.	1.5	4
113	The nitrogen-doped carbon supported ultra-small vanadium nitride nanoparticles as a highly efficient oxygen reduction electrocatalyst for the rechargeable Zn-air battery. <i>Inorganic Chemistry Communication</i> , 2022, 137, 109230.	1.8	4
114	Construction of a 2D Graphene-Like MoS ₂ /C ₃ N ₄ Heterojunction with Enhanced Visible-Light Photocatalytic Activity and Photoelectrochemical Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 4645-4645.	1.7	3
115	Flexible Metal-Porphyrin Dimers (M=Mn ^{III} Cl, Co ^{II} , Ni ^{II}), Tj ETQq1 1 0.784314 rgBT /Overlock Theoretical Calculations. <i>ChemPlusChem</i> , 2017, 82, 598-606.	1.3	3
116	Spectroscopic investigations and theoretical calculations of DABCO induced xanthene bridged self-assembled zinc(II) porphyrin dimer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 647-655.	0.4	2