

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2817790/li-xu-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

4,439  
citations

37  
h-index

64  
g-index

118  
ext. papers

5,628  
ext. citations

7.9  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
112	Preparation of sphere-like g-C <sub>3</sub> N <sub>4</sub> /BiOI photocatalysts via a reactable ionic liquid for visible-light-driven photocatalytic degradation of pollutants. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 5340	13	386
111	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 <sup>2+</sup> . <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 2563	13	288
110	Self-assembled synthesis of defect-engineered graphitic carbon nitride nanotubes for efficient conversion of solar energy. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 225, 154-161	21.8	210
109	Reactable ionic liquid-assisted rapid synthesis of BiOI hollow microspheres at room temperature with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15864-15874	13	170
108	Facile fabrication of the visible-light-driven Bi <sub>2</sub> WO <sub>6</sub> /BiOBr composite with enhanced photocatalytic activity. <i>RSC Advances</i> , <b>2014</b> , 4, 82-90	3.7	159
107	A g-C <sub>3</sub> N <sub>4</sub> /BiOBr visible-light-driven composite: synthesis via a reactable ionic liquid and improved photocatalytic activity. <i>RSC Advances</i> , <b>2013</b> , 3, 19624	3.7	153
106	Morphology controlled preparation of ZnCo <sub>2</sub> O <sub>4</sub> nanostructures for asymmetric supercapacitor with ultrahigh energy density. <i>Energy</i> , <b>2017</b> , 123, 296-304	7.9	136
105	Construction of a 2D Graphene-Like MoS <sub>2</sub> /C <sub>3</sub> N <sub>4</sub> Heterojunction with Enhanced Visible-Light Photocatalytic Activity and Photoelectrochemical Activity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4764-4773	4.8	135
104	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> , <b>2016</b> , 4, 5051-5061	13	110
103	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> , <b>2019</b> , 9, 1802936	21.8	99
102	One-pot solvothermal synthesis of Cu-modified BiOCl via a Cu-containing ionic liquid and its visible-light photocatalytic properties. <i>RSC Advances</i> , <b>2014</b> , 4, 14281	3.7	98
101	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> , <b>2020</b> , 272, 118959	21.8	94
100	A sensitive signal-on photoelectrochemical sensor for tetracycline determination using visible-light-driven flower-like CN/BiOBr composites. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 111, 74-81	11.8	87
99	NiCo <sub>2</sub> O <sub>4</sub> ultrathin nanosheets with oxygen vacancies as bifunctional electrocatalysts for Zn-air battery. <i>Applied Surface Science</i> , <b>2019</b> , 478, 552-559	6.7	78
98	Enhanced Photocatalytic Activity of Ag <sub>3</sub> VO <sub>4</sub> Loaded with Rare-Earth Elements under Visible-Light Irradiation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2009</b> , 48, 10771-10778	3.9	77
97	Manipulation of Edge-Site Fe <sub>2</sub> Moiety on Holey Fe, N Codoped Graphene to Promote the Cycle Stability and Rate Capacity of LiB Batteries. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1807485	15.6	76
96	A ternary cobalt-molybdenum-vanadium layered double hydroxide nanosheet array as an efficient bifunctional electrocatalyst for overall water splitting. <i>Chemical Communications</i> , <b>2019</b> , 55, 3521-3524	5.8	75

95	Improved visible light photocatalytic properties of Fe/BiOCl microspheres synthesized via self-doped reactable ionic liquids. <i>CrystEngComm</i> , <b>2013</b> , 15, 10132	3.3	74
94	Biomass willow catkin-derived Co <sub>3</sub> O <sub>4</sub> /N-doped hollow hierarchical porous carbon microtubes as an effective tri-functional electrocatalyst. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 20170-20179	13	70
93	Fe <sub>2</sub> O <sub>3</sub> cubes with high visible-light-activated photoelectrochemical activity towards glucose: hydrothermal synthesis assisted by a hydrophobic ionic liquid. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 2244-53	4.8	58
92	Ionic liquid assisted synthesis and photocatalytic properties of Fe <sub>2</sub> O <sub>3</sub> hollow microspheres. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6468-77	4.3	58
91	Solvothermal synthesis and enhanced visible-light photocatalytic decontamination of bisphenol A (BPA) by g-C <sub>3</sub> N <sub>4</sub> /BiOBr heterojunctions. <i>Materials Science in Semiconductor Processing</i> , <b>2014</b> , 24, 96-103	4.3	57
90	AgX/graphite-like C(3)N(4) (X = Br, I) hybrid materials for photoelectrochemical determination of copper(II) ion. <i>Analyst, The</i> , <b>2013</b> , 138, 6721-6	5	52
89	Engineering Crystallinity and Oxygen Vacancies of Co(II) Oxide Nanosheets for High Performance and Robust Rechargeable Zn/Air Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101239	15.6	52
88	Fe <sub>3</sub> C/Fe <sub>2</sub> O <sub>3</sub> heterostructure embedded in N-doped graphene as a bifunctional catalyst for quasi-solid-state zinc/Air batteries. <i>Carbon</i> , <b>2019</b> , 146, 763-771	10.4	52
87	Space-Confined Yolk-Shell Construction of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Inside N-Doped Hollow Mesoporous Carbon Spheres as Bifunctional Electrocatalysts for Long-Term Rechargeable Zinc/Air Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2005834	15.6	51
86	Graphitic carbon nitride/BiOCl composites for sensitive photoelectrochemical detection of ciprofloxacin. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 483, 241-248	9.3	51
85	Low cost and green preparation process for Fe <sub>2</sub> O <sub>3</sub> @gum arabic electrode for high performance sodium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 2102-2109	13	49
84	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> , <b>2019</b> , 33, 59-66	12	48
83	BiPO <sub>4</sub> nanocrystal/BiOCl nanosheet heterojunction as the basis for a photoelectrochemical 4-chlorophenol sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 279, 466-475	8.5	48
82	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> , <b>2019</b> , 7, 9510-9516	13	46
81	Graphitic Carbon Nitride Nanorods for Photoelectrochemical Sensing of Trace Copper(II) Ions. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3665-3673	2.3	44
80	Cu Nanoclusters/FeN Amorphous Composites with Dual Active Sites in N-Doped Graphene for High-Performance Zn-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31340-31350	9.5	42
79	Ionic liquid-assisted bidirectional regulation strategy for carbon quantum dots (CQDs)/Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> nanomaterials and enhanced photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 478, 324-33	9.3	41
78	ZnCo <sub>2</sub> O <sub>4</sub> ultrathin nanosheets towards the high performance of flexible supercapacitors and bifunctional electrocatalysis. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 764, 565-573	5.7	41

77	Controllable synthesis of Co <sub>3</sub> N catalysts derived from Co/Zn-ZIF-67 for electrocatalytic oxygen reduction in acidic electrolytes. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 21884-21891	13	40
76	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> , <b>2016</b> , 473, 112-9	9.3	40
75	The enhanced visible light photocatalytic activity of yttrium-doped BiOBr synthesized via a reactable ionic liquid. <i>Applied Surface Science</i> , <b>2015</b> , 331, 170-178	6.7	36
74	Interface Engineering of CoS/CoO@N-Doped Graphene Nanocomposite for High-Performance Rechargeable Zn-Air Batteries. <i>Nano-Micro Letters</i> , <b>2020</b> , 13, 3	19.5	34
73	The CoMo-LDH ultrathin nanosheet as a highly active and bifunctional electrocatalyst for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2964-2970	6.8	34
72	Photoelectrochemical sensing of 4-chlorophenol based on Au/BiOCl nanocomposites. <i>Talanta</i> , <b>2016</b> , 156-157, 257-264	6.2	32
71	Highly Efficient Phenoxazine Core Unit Based Hole Transport Materials for Hysteresis-Free Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 36608-36614	9.5	31
70	An Fe-doped NiV LDH ultrathin nanosheet as a highly efficient electrocatalyst for efficient water oxidation. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1890-1896	6.8	30
69	Novel Cobalt/Iron/Vanadium Layered Double Hydroxide Nanosheet Arrays for Superior Water Oxidation Performance. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 16828-16834	8.3	29
68	Reactable ionic liquid assisted preparation of porous Co <sub>3</sub> O <sub>4</sub> nanostructures with enhanced supercapacitive performance. <i>CrystEngComm</i> , <b>2014</b> , 16, 2395	3.3	28
67	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> , <b>2019</b> , 797, 1041-1049	5.7	26
66	Photoresponsive nanostructure assisted green synthesis of organics and polymers. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 249, 172-210	21.8	25
65	Enhanced photoelectrochemical sensing performance of graphitic carbon nitride by nitrogen vacancies engineering. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 148, 111802	11.8	25
64	Molecular Engineering of Triphenylamine-Based Non-Fullerene Electron-Transport Materials for Efficient Rigid and Flexible Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 38970-38977	10.5	25
63	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> , <b>2020</b> , 826, 154152	5.7	23
62	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> , <b>2019</b> , 44, 32231-32239	6.7	23
61	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> , <b>2019</b> , 7, 14291-14301	13	21
60	A photoelectrochemical aptasensor for the determination of bisphenol A based on the Cu (I) modified graphitic carbon nitride. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123162	12.8	21

59	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> , <b>2020</b> , 8, 343-350	8.3	21
58	Photoelectrochemical sensing of bisphenol a based on graphitic carbon nitride/bismuth oxyiodine composites. <i>RSC Advances</i> , <b>2017</b> , 7, 7929-7935	3.7	20
57	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> , <b>2018</b> , 39, 790-799	11.3	20
56	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> , <b>2018</b> , 15, 181-188	3	19
55	Integrated BiPO nanocrystal/BiOBr heterojunction for sensitive photoelectrochemical sensing of 4-chlorophenol. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13353-13359	4.3	19
54	Preparation of 1D CuO Nanorods by Means of a Metal Ion Containing Ionic Liquid and Their Supercapacitance. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2315-2323	2.3	19
53	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> , <b>2011</b> , 2011, 1361-1365	2.3	19
52	CoO nanoparticles/graphitic carbon nitride heterojunction for photoelectrochemical aptasensor of oxytetracycline. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1125, 299-307	6.6	18
51	Engineering the electronic states of Ni <sub>3</sub> FeN via zinc ion regulation for promoting oxygen electrocatalysis in rechargeable Zn//air batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 2301-2307	13	18
50	Plasmonic Bi microspheres doped carbon nitride heterojunction: Intensive photoelectrochemical aptasensor for bisphenol A. <i>Electrochimica Acta</i> , <b>2019</b> , 319, 10-17	6.7	17
49	Dual-active-sites design of Co <sub>x</sub> anchored on zinc-coordinated nitrogen-codoped porous carbon with efficient oxygen catalysis for high-stable rechargeable zinc-air batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 408, 127321	14.7	17
48	Two-Dimensional Mn-Co LDH/Graphene Composite towards High-Performance Water Splitting. <i>Catalysts</i> , <b>2018</b> , 8, 350	4	17
47	Atomically thin mesoporous NiCo <sub>2</sub> O <sub>4</sub> grown on holey graphene for enhanced pseudocapacitive energy storage. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13443-13451	13	16
46	Exploitation of a photoelectrochemical sensing platform for catechol quantitative determination using BiPO nanocrystals/BiOI heterojunction. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1042, 11-19	6.6	16
45	Strong coupled spinel oxide with N-rGO for high-efficiency ORR/OER bifunctional electrocatalyst of Zn-air batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 57, 428-435	12	16
44	Robust Pseudocapacitive Sodium Cation Intercalation Induced by Cobalt Vacancies at Atomically Thin Co Se /Graphene Heterostructure for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18830-18837	16.4	16
43	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> , <b>2019</b> , 186, 794	5.8	15
42	Ni Co O Nanoneedle Arrays Grown on Ni Foam as an Efficient Bifunctional Electrocatalyst for Full Water Splitting. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 480-485	4.5	15

41	Reactable ionic liquid in situ-induced synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles modified N-doped hollow porous carbon microtubes for boosting multifunctional electrocatalytic activity. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 797, 849-858	5.7	14
40	Electrospun Fe, N co-doped porous carbon nanofibers with Fe <sub>4</sub> N species as a highly efficient oxygen reduction catalyst for rechargeable zinc-air batteries. <i>Applied Surface Science</i> , <b>2019</b> , 492, 417-425	6.7	14
39	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> , <b>2015</b> , 32, 117-124	4.3	14
38	Efficient degradation of methylene blue dye by catalytic oxidation using the Na <sub>8</sub> Nb <sub>6</sub> O <sub>19</sub> ·3H <sub>2</sub> O/H <sub>2</sub> O <sub>2</sub> system. <i>Korean Journal of Chemical Engineering</i> , <b>2011</b> , 28, 1126-1132	2.8	12
37	Constructing a CeO <sub>2</sub> @CoFe-layered double hydroxide heterostructure as an improved electrocatalyst for highly efficient water oxidation. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4461-4468	6.8	12
36	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> , <b>2020</b> , 26, 9382-9388	4.8	11
35	Chromium-modulated multifunctional electrocatalytic activities of spinel oxide for Zn-air batteries and overall water splitting. <i>Journal of Power Sources</i> , <b>2020</b> , 479, 229099	8.9	10
34	Construction of Mn valence-engineered MnO <sub>2</sub> /BiOCl heterojunction coupled with carriers-trapping effect for enhanced photoelectrochemical lincomycin aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 320, 128415	8.5	10
33	Non-light-driven reduced graphene oxide anchored TiO nanocatalysts with enhanced catalytic oxidation performance. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 507, 35-41	9.3	10
32	Reactable ionic liquid-assisted solvothermal synthesis of flower-like bismuth oxybromide microspheres with highly visible-light photocatalytic performances. <i>Micro and Nano Letters</i> , <b>2013</b> , 8, 450-454	9.9	10
31	Facile synthesis, spectroscopic and electrochemical properties, and theoretical calculations of porphyrin dimers with a bridging amide-bonded xanthene moiety. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2015</b> , 19, 819-829	1.8	9
30	Efficient photocatalytic hydrogen evolution by engineering amino groups into ultrathin 2D graphitic carbon nitride. <i>Applied Surface Science</i> , <b>2020</b> , 507, 145085	6.7	9
29	An enhanced photoelectrochemical ofloxacin aptasensor using NiFe layered double hydroxide/graphitic carbon nitride heterojunction. <i>Electrochimica Acta</i> , <b>2021</b> , 368, 137595	6.7	9
28	Interface Engineering of Anti-Perovskite Ni <sub>3</sub> FeN/VN Heterostructure for High-Performance Rechargeable Zinc-Air batteries. <i>Chemical Engineering Journal</i> , <b>2022</b> , 437, 135291	14.7	8
27	Electrochemical and Transport Characteristics of V(II)/V(III) Redox Couple in a Nonaqueous Deep Eutectic Solvent: Temperature Effect. <i>Journal of Energy Engineering - ASCE</i> , <b>2017</b> , 143, 04017051	1.7	7
26	Fe <sub>2</sub> O <sub>3</sub> Nanoparticles Modified 2D N-Doped Porous Graphene-like Carbon as an Efficient and Robust Electrocatalyst for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , <b>2019</b> , 4, 4131-4139	1.8	6
25	A photoelectrochemical aptasensor for sensitively monitoring chloramphenicol using plasmon-driven AgNP/BiOCl composites. <i>Analyst, The</i> , <b>2020</b> , 145, 7695-7700	5	5
24	Sulfur doping optimized intermediate energetics of FeCoOOH for enhanced oxygen evolution catalytic activity. <i>Cell Reports Physical Science</i> , <b>2021</b> , 2, 100331	6.1	5



23	Enhanced photoelectrochemical aptasensing triggered by nitrogen deficiency and cyano group simultaneously engineered 2D carbon nitride for sensitively monitoring atrazine.. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 206, 114144	11.8	5
22	Fabrication of sensitive photoelectrochemical aptasensor using Ag nanoparticles sensitized bismuth oxyiodide for determination of chloramphenicol. <i>Microchemical Journal</i> , <b>2022</b> , 178, 107317	4.8	5
21	A self-powered photoelectrochemical aptamer probe for oxytetracycline based on the use of a NiO nanocrystal/g-CN heterojunction. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 737	5.8	4
20	Rational Design of the CoS/Co <sub>9</sub> S <sub>8</sub> @NC Composite Enabling High-Rate Sodium-Ion Storage. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 5574-5582	6.1	4
19	Graphene-like BN/BiOBr composite: synthesis via a reactable ionic liquid and enhanced visible light photocatalytic performance. <i>Materials Technology</i> , <b>2016</b> , 31, 463-470	2.1	4
18	Metal ion-containing ionic liquid assisted synthesis and enhanced photoelectrochemical performance of g-C <sub>3</sub> N <sub>4</sub> /ZnO composites. <i>Materials Technology</i> , <b>2018</b> , 33, 185-192	2.1	4
17	CoN nanoparticles anchored on ultra-thin N-doped graphene as the oxygen reduction electrocatalyst for highly stable zinc-air batteries. <i>Carbon</i> , <b>2022</b> , 196, 347-353	10.4	4
16	Flexible Metal-Porphyrin Dimers (M=Mn Cl, Co , Ni , Cu ): Synthesis, Spectroscopy, Electrochemistry, Spectroelectrochemistry, and Theoretical Calculations. <i>ChemPlusChem</i> , <b>2017</b> , 82, 598-606	2.8	3
15	FeWO <sub>4</sub> /nitrogen-doped multi-dimensional porous carbon for the highly efficient and stable oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 853, 157342	5.7	3
14	Fabricating highly active and stable tungsten carbide electrocatalyst for rechargeable zinc-air batteries: An approach of dual metal Co-adjusted the electronic structure. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 868, 159236	5.7	3
13	A photoelectrochemical aptasensor of ciprofloxacin based on BiOCl/BiOCl heterojunction. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 289	5.8	3
12	Spectroscopic investigations and theoretical calculations of DABCO induced xanthene bridged self-assembled zinc(II) porphyrin dimer. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 647-655	1.8	2
11	Construction of a 2D Graphene-Like MoS <sub>2</sub> /C <sub>3</sub> N <sub>4</sub> Heterojunction with Enhanced Visible-Light Photocatalytic Activity and Photoelectrochemical Activity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4645-4645 <sup>2</sup>	4.8	2
10	Non-Covalent Interaction of Atomically Dispersed Cu and Zn Pair Sites for Efficient Oxygen Reduction Reaction. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2203471	15.6	2
9	Rational Design of Porous TiO <sub>2</sub> @N-Doped Carbon for High Rate Lithium-Ion Batteries. <i>Energy Technology</i> , <b>2019</b> , 7, 1800911	3.5	1
8	Robust Pseudocapacitive Sodium Cation Intercalation Induced by Cobalt Vacancies at Atomically Thin Co <sub>1-x</sub> Se <sub>2</sub> /Graphene Heterostructure for Sodium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18978-18985	3.6	1
7	Engineering Antiperovskite Ni <sub>4</sub> 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> , <b>2021</b> , 9, 17007-17015	8.3	1
6	Strong electronic coupled FeNi <sub>3</sub> /Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> nanohybrids for enhancing the electrocatalytic activity for the oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 2791-2798	6.8	0

5	Fe <sub>2</sub> O <sub>3</sub> /alkalinized C <sub>3</sub> N <sub>4</sub> heterostructure as efficient electrocatalyst for oxygen reduction reaction. <i>Journal of Materials Science</i> , <b>2022</b> , 57, 2012-2020	4.3	○
4	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> , <b>2022</b> , 137, 109230	3.1	○
3	Fabrication of a photoelectrochemical aptasensor for sensitively detecting enrofloxacin antibiotic based on g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> /Cl <sub>10</sub> heterojunction. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107208	6.8	○
2	Nanobody-based label-free photoelectrochemical immunoassay for highly sensitive detection of SARS-CoV-2 spike protein.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1211, 339904	6.6	○
1	A sensitive photoelectrochemical aptasensor for enrofloxacin detection based on plasmon-sensitized bismuth-rich bismuth oxyhalide.. <i>Talanta</i> , <b>2022</b> , 246, 123515	6.2	○