

# Metallenes as functional materials in electrocatalysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	N- and O-doped hollow carbons constructed by self- and extrinsic activation for the oxygen reduction reaction and flexible zinc-air Batteries. <i>Nanoscale</i> , 2021, 13, 16296-16306.	2.8	13
2	Surface plasmon-polariton triggering of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene catalytic activity for hydrogen evolution reaction enhancement. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17770-17779.	5.2	20
3	Pd nanoparticles loaded onto a TiO <sub>2</sub> /C heterostructure via a photochemical strategy for efficient oxygen reduction reaction. <i>New Journal of Chemistry</i> , 0, , .	1.4	2
4	Construction of nitrogen-doped porous carbon nanosheets decorated with Fe <sub>4</sub> and iron oxides by a biomass coordination strategy for efficient oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2021, 45, 14570-14579.	1.4	6
5	Natural DNA-assisted RuP <sub>2</sub> on highly graphitic N,P-codoped carbon for pH-wide hydrogen evolution. <i>Chemical Communications</i> , 2021, 57, 7284-7287.	2.2	15
6	Ultrathin CuNi Nanosheets for CO <sub>2</sub> Reduction and O <sub>2</sub> Reduction Reaction in Fuel Cells. , 2021, 3, 1143-1150.		23
7	Edge-Rich Reduced Graphene Oxide Embedded in Silica-Based Laminated Ceramic Composites for Efficient and Robust Electrocatalytic Hydrogen Evolution. <i>Small Methods</i> , 2021, 5, e2100621.	4.6	5
8	Synthesis of Ultrasmall NiCo <sub>2</sub> O <sub>4</sub> Nanoparticle-Decorated N-Doped Graphene Nanosheets as an Effective Catalyst for Zn-Air Batteries. <i>Energy &amp; Fuels</i> , 2021, 35, 14188-14196.	2.5	22
9	Anchoring Fe-N-C Sites on Hierarchically Porous Carbon Sphere and CNT Interpenetrated Nanostructures as Efficient Cathodes for Zinc-Air Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41609-41618.	4.0	23
10	Quasi-Two-Dimensional Earth-Abundant Bimetallic Electrocatalysts for Oxygen Evolution Reactions. <i>ACS Energy Letters</i> , 2021, 6, 3367-3375.	8.8	29
11	Emerging two-dimensional nanocatalysts for electrocatalytic hydrogen production. <i>Chinese Chemical Letters</i> , 2022, 33, 1831-1840.	4.8	67
12	Enhanced electrochemical performance in microbial fuel cell with carbon nanotube/NiCoAl-layered double hydroxide nanosheets as air-cathode. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 36466-36476.	3.8	19
13	In-situ template formation method to synthesize hierarchically porous carbon for electrocatalytic reduction of 4-nitrophenol. <i>Carbon</i> , 2021, 184, 596-608.	5.4	15
14	Carbon nitride-supported CuCeO <sub>2</sub> composites derived from bimetal MOF for efficiently electrocatalytic nitrogen fixation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35319-35329.	3.8	12
15	Co-Co <sub>3</sub> O <sub>4</sub> nanostructure with nitrogen-doped carbon as bifunctional catalyst for oxygen electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34701-34712.	3.8	15
16	A rechargeable zinc-air battery with decoupled metal oxidation and oxygen reduction reactions. <i>Journal of Power Sources</i> , 2021, 510, 230375.	4.0	2
17	Cobalt tetrakisphosphate as an efficient bifunctional electrocatalyst for hybrid sodium-air batteries. <i>Nano Energy</i> , 2021, 89, 106485.	8.2	11
18	Mott-Schottky heterojunction of Co/Co <sub>2</sub> P with built-in electric fields for bifunctional oxygen electrocatalysis and zinc-air battery. <i>Chemical Engineering Journal</i> , 2021, 425, 131589.	6.6	79

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19	Energetic MOF-derived cobalt/iron nitrides embedded into N, S-codoped carbon nanotubes as superior bifunctional oxygen catalysts for Zn–air batteries. <i>Applied Surface Science</i> , 2021, 569, 151030.	3.1	17
20	Transition metal and phosphorus co-doping induced lattice strain in mesoporous Rh-based nanospheres for pH-universal hydrogen evolution electrocatalysis. <i>Chemical Engineering Journal</i> , 2021, 426, 131227.	6.6	23
21	Architecture control and electronic structure engineering over Ni-based nitride nanocomposite for boosting ammonia borane dehydrogenation. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120523.	10.8	42
22	Motivating high-valence Nb doping by fast molten salt method for NiFe hydroxides toward efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2022, 427, 131643.	6.6	78
23	Tin-based metal-phosphine complexes nanoparticles as long-cycle life electrodes for high-performance hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 148-157.	5.0	8
24	Cobalt-doped basic iron phosphate as bifunctional electrocatalyst for long-life and high-power-density rechargeable zinc-air batteries. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120712.	10.8	43
25	<i>In situ</i> coupling of Ag nanoparticles with high-entropy oxides as highly stable bifunctional catalysts for wearable Zn–Ag/Zn–air hybrid batteries. <i>Nanoscale</i> , 2021, 13, 16164-16171.	2.8	18
26	Graphene-Supported Atomically Dispersed Metals as Bifunctional Catalysts for Next-Generation Batteries Based on Conversion Reactions. <i>Advanced Materials</i> , 2022, 34, e2105812.	11.1	106
27	Recent advances in Ni <sub>3</sub> S <sub>2</sub> -based electrocatalysts for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39146-39182.	3.8	78
28	Supramolecular-induced 2.40–130 °C working-temperature-range supercapacitor aqueous electrolyte of lithium bis(trifluoromethanesulfonyl) imide in dimethyl sulfoxide-water. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1162-1172.	5.0	12
29	Hydrothermal growth of pompon-like manganese oxide microspheres with embedded nickel ions as single-atom catalysts for urea oxidation. <i>Journal of Alloys and Compounds</i> , 2022, 894, 162515.	2.8	14
30	Recent advances in structural engineering of 2D hexagonal boron nitride electrocatalysts. <i>Nano Energy</i> , 2022, 91, 106661.	8.2	49
31	Integrated 3D Open Network of Interconnected Bismuthene Arrays for Energy-Efficient and Electrosynthesis-Assisted Electrocatalytic CO <sub>2</sub> Reduction. <i>Small</i> , 2022, 18, e2105246.	5.2	36
32	Translational dependence of the geometry of metallic mono- and bilayers optimized on semi-ionic supports: the cases of Pd on $\text{I}^3\text{-Al}_2\text{O}_3$ (110), monoclinic ZrO <sub>2</sub> (001), and rutile TiO <sub>2</sub> (001). <i>CrystEngComm</i> , 2021, 24, 143-155.	1.3	2
33	Fe,N-modulated carbon fibers aerogel as freestanding cathode catalyst for rechargeable Zn–Air battery. <i>Carbon</i> , 2022, 187, 196-206.	5.4	31
34	Ligand-Mediated Self-Terminating Growth of Single-Atom Pt on Au Nanocrystals for Improved Formic Acid Oxidation Activity. <i>Advanced Energy Materials</i> , 2022, 12, 2103195.	10.2	17
35	Ordered macroporous design of sacrificial Co/VN nano-heterojunction as bifunctional oxygen electrocatalyst for rechargeable zinc-air batteries. <i>Chemical Engineering Journal</i> , 2022, 433, 133509.	6.6	29
36	Constructing a Hetero-interface Composed of Oxygen Vacancy-Enriched Co <sub>3</sub> O <sub>4</sub> and Crystalline–Amorphous NiFe-LDH for Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2021, 11, 14338-14351.	5.5	134

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37	Electronic Interaction between In Situ Formed RuO <sub>2</sub> Clusters and a Nanoporous Zn <sub>3</sub> V <sub>3</sub> O <sub>8</sub> Support and Its Use in the Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2021, 13, 54951-54958.	4.0	7
38	Tuning oxygen vacancies in spinel nanosheets for binder-free oxygen cathodes with superior catalytic activity in zinc-air batteries. Journal of Power Sources, 2022, 521, 230918.	4.0	16
39	Hierarchical ultrathin NiFe-borate layered double hydroxide nanosheets encapsulated into biomass-derived nitrogen-doped carbon for efficient electrocatalytic oxygen evolution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 635, 128092.	2.3	6
40	Interfacial engineered PdRu/C with robust poison tolerance for oxygen reduction reaction and zinc-air battery. Journal of Alloys and Compounds, 2022, 896, 163112.	2.8	3
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42	Restricted diffusion preparation of fully-exposed Fe single-atom catalyst on carbon nanospheres for efficient oxygen reduction reaction. Applied Catalysis B: Environmental, 2022, 305, 121058.	10.8	42
43	Multiple roles of graphene in electrocatalysts for metal-air batteries. Catalysis Today, 2023, 409, 2-22.	2.2	12
44	Group 6 transition metal-based molecular complexes for sustainable catalytic CO <sub>2</sub> activation. Catalysis Science and Technology, 2022, 12, 390-408.	2.1	8
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50	Nitrogen doped carbon encapsulated hierarchical NiMoN as highly active and durable HER electrode for repeated ON/OFF water electrolysis. Chemical Engineering Journal, 2022, 436, 134931.	6.6	23
51	Triple-phase oxygen electrocatalysis of hollow spherical structures for rechargeable Zn-Air batteries. Applied Catalysis B: Environmental, 2022, 307, 121190.	10.8	46
52	Co@NCNT nanohybrid as a highly active catalyst for the electroreduction of nitrate to ammonia. Chemical Communications, 2022, 58, 3787-3790.	2.2	15
53	Ultrathin two-dimensional metallenes for heterogeneous catalysis. Chem Catalysis, 2022, 2, 693-723.	2.9	39
54	Coupling of N-doped Mesoporous Carbon and Ni <sub>3</sub> C <sub>2</sub> in 2D Sandwiched Heterostructure for Enhanced Oxygen Electroreduction. Small, 2022, 18, e2106581.	5.2	14

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55	Nanostructured Transition Metal Nitrides as Emerging Electrocatalysts for Water Electrolysis: Status and Challenges. <i>EnergyChem</i> , 2022, 4, 100072.	10.1	55
56	Constructing partially amorphous borate doped iron-nickel nitrate hydroxide nanoarrays by rapid microwave activation for oxygen evolution. <i>Applied Surface Science</i> , 2022, 592, 153245.	3.1	6
57	Interstitial boron-triggered electron-deficient Os aerogels for enhanced pH-universal hydrogen evolution. <i>Nature Communications</i> , 2022, 13, 1143.	5.8	152
58	Synthesis of Alloyed Pd <sup>~</sup> Pb Nanowire Networks for Electrocatalytic Ethanol Oxidation with High Stability. <i>ChemNanoMat</i> , 0, , .	1.5	1
59	One-Pot Aqueous Synthesis of Porous Hollow PdCu Alloy Nanoparticles for Enhanced Ethanol Electrooxidation. <i>Inorganic Chemistry</i> , 2022, 61, 5474-5478.	1.9	11
60	Co2P nanoparticles supported on cobalt-embedded N-doped carbon materials as a bifunctional electrocatalyst for rechargeable Zn-air batteries. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 16518-16527.	3.8	9
61	3D hierarchical porous carbon from fulvic acid biomass for high energy density supercapacitor with high withstanding voltage. <i>Journal of Power Sources</i> , 2022, 533, 231413.	4.0	18
62	In situ confinement of iron-based active sites within high porosity carbon frameworks with enhanced activity for rechargeable Zn <sup>~</sup> air battery. <i>Materials Today Chemistry</i> , 2022, 24, 100844.	1.7	2
63	In-situ single-phase derived NiCoP/CoP hetero-nanoparticles on aminated-carbon nanotubes as highly efficient pH-universal electrocatalysts for hydrogen evolution. <i>Electrochimica Acta</i> , 2022, 416, 140280.	2.6	11
64	Tailoring the stability of Fe-N-C via pyridinic nitrogen for acid oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2022, 437, 135320.	6.6	48
65	Energetic MOF-derived hollow carbon tubes with interconnected channels and encapsulated nickel-cobalt alloy sites as bifunctional catalysts for Zn <sup>~</sup> air batteries with stable cycling over 600 cycles. <i>Applied Surface Science</i> , 2022, 591, 153070.	3.1	10
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68	Sandwich-like high-load MXene/polyaniline film electrodes with ultrahigh volumetric capacitance for flexible supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 35-46.	5.0	27
69	Enhanced Electrocatalytic Oxidation of Small Organic Molecules on Platinum-Gold Nanowires: Influence of the Surface Structure and Pt-Pt/Pt-Au Pair Site Density. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59892-59903.	4.0	7
70	Sublayer Stable Fe Dopant in Porous Pd Metallene Boosts Oxygen Reduction Reaction. <i>ACS Nano</i> , 2022, 16, 522-532.	7.3	52
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72	Nickel and Nitrogen-Doped Bifunctional ORR and HER Electrocatalysts Derived from CO <sub>2</sub> . <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 134-145.	3.2	18

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73	MXene Analogue: A 2D Nitridene Solid Solution for High-Rate Hydrogen Production. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
74	MXene Analogue: A 2D Nitridene Solid Solution for High-Rate Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	56
75	Co and Co <sub>9</sub> S <sub>8</sub> nanoparticles uniformly embedded in S, N-doped porous carbon as electrocatalysts for rechargeable zinc-air batteries. <i>Journal of Materials Research and Technology</i> , 2022, 18, 3764-3776.	2.6	11
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77	PdFe Single-Atom Alloy Metallene for N <sub>2</sub> Electroreduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202205923.	7.2	97
78	Molybdenum-doped ordered L <sub>1</sub> -PdZn nanosheets for enhanced oxygen reduction electrocatalysis. <i>SusMat</i> , 2022, 2, 347-356.	7.8	13
79	Flower-like MOF-74 nanocomposites directed by selenylation towards high-efficient oxygen evolution. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 552-560.	5.0	15
80	Dual-template induced multi-scale porous Fe@FeNC oxygen reduction catalyst for high-performance electrochemical devices. <i>Chemical Engineering Journal</i> , 2022, 445, 136628.	6.6	13
81	Recent advances of amorphous-phase-engineered metal-based catalysts for boosted electrocatalysis. <i>Journal of Materials Science and Technology</i> , 2022, 127, 1-18.	5.6	18
82	Chemical co-activated modified small mesoporous carbon derived from nature anthracite toward enhanced supercapacitive behaviors. <i>Journal of Electroanalytical Chemistry</i> , 2022, 917, 116417.	1.9	3
83	In Situ Reconstruction of Partially Hydroxylated Porous Rh Metallene for Ethylene Glycol-Assisted Seawater Splitting. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	57
84	In-Situ and controllable construction of Mo <sub>2</sub> N embedded Mo <sub>2</sub> C nanobelts as robust electrocatalyst for superior pH-universal hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165611.	2.8	11
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86	Ordered Mesoporous Intermetallic Trimetals for Efficient and pH-Universal Hydrogen Evolution Electrocatalysis. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	36
87	NiCoPd Inlaid NiCo-Bimetallic for Efficient Electrocatalytic Methanol Oxidation. <i>Inorganic Chemistry</i> , 2022, 61, 10211-10219.	1.9	12
88	Facile construction of a highly dispersed PdCo nanocatalyst supported on NH <sub>2</sub> -UiO-66-derived N/O co-doped carbon for hydrogen evolution from formic acid. <i>Materials Today Chemistry</i> , 2022, 24, 101001.	1.7	1
89	Emerging Graphene Derivatives and Analogues for Efficient Energy Electrocatalysis. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	22
90	Effect of cobalt doping and sugarcane bagasse carbon on the electrocatalytic performance of MoS <sub>2</sub> nanocomposites. <i>Fuel</i> , 2022, 324, 124814.	3.4	7

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91	Synchronous bi-modulation by nanoclusters and single atoms for high-efficient oxygen reduction electrocatalysis. <i>Chemical Engineering Journal</i> , 2022, 446, 137441.	6.6	12
92	Three dimensional star-like mesoporous nitrogen-doped carbon anchored with highly dispersed Fe and Ce dual-sites for efficient oxygen reduction reaction in Zn-air battery. <i>Colloids and Interface Science Communications</i> , 2022, 49, 100634.	2.0	8
93	Spin-state regulating of cobalt assisted by iron doping and coordination for enhanced oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 27508-27515.	3.8	3
94	Metal-organic framework-derived Co@NMPC as efficient electrocatalyst for hydrogen evolution reaction: Revealing the synergic effect of pyridinic N-Co. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 27374-27382.	3.8	7
95	Boron-Intercalation-Induced Phase Evolution of Rh Metallene for Energy-Saving H <sub>2</sub> Production by H <sub>2</sub> O <sub>2</sub> Oxidation Coupled with Water Electrolysis. <i>Small</i> , 2022, 18, .	5.2	23
96	Dual-Atomic Catalysts Deduced from d-Conjugated Metal-Organic Frameworks for Efficient Oxygen Evolution Reaction. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
97	Single Nb atom modified anatase TiO <sub>2</sub> (110) for efficient electrocatalytic nitrogen reduction reaction. <i>Chem Catalysis</i> , 2022, 2, 2275-2288.	2.9	18
98	Biomass-Derived Fe <sub>2</sub> N@NCNTs from Bioaccumulation as an Efficient Electrocatalyst for Oxygen Reduction and Zn-Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9105-9112.	3.2	12
99	Ultrathin porous Pd metallene as highly efficient oxidase mimics for colorimetric analysis. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 296-304.	5.0	20
100	Borate narrowed band gap of nickel-iron layer double hydroxide to mediate rapid reconstruction kinetics for water oxidation. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121713.	10.8	42
101	PBA-derived FeCo alloy with core-shell structure embedded in 2D N-doped ultrathin carbon sheets as a bifunctional catalyst for rechargeable Zn-air batteries. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121687.	10.8	50
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106	Atomically Reconstructed Palladium Metallene by Intercalation-Induced Lattice Expansion and Amorphization for Highly Efficient Electrocatalysis. <i>ACS Nano</i> , 2022, 16, 13715-13727.	7.3	64
107	Processable Conjugated Microporous Polymer Gels and Monoliths: Fundamentals and Versatile Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 39701-39726.	4.0	11
108	Dual electronic effects achieving a high-performance Ni(II) pincer catalyst for CO <sub>2</sub> photoreduction in a noble-metal-free system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9

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109	Nb-doped NiFe LDH nanosheet with superhydrophilicity and superaerophobicity surface for solar cell-driven electrocatalytic water splitting. <i>Electrochimica Acta</i> , 2022, 429, 140947.	2.6	6
110	A systematic review on recent advances of metal-organic frameworks-based nanomaterials for electrochemical energy storage and conversion. <i>Coordination Chemistry Reviews</i> , 2022, 471, 214741.	9.5	24
111	MOF-derived Co/Co <sub>3</sub> O <sub>4</sub> /C hollow structural composite as an efficient electrocatalyst for hydrogen evolution reaction. <i>Fuel</i> , 2022, 329, 125468.	3.4	16
112	NaCl-assisted pyrolysis to construct low metal content multiple-doped 3D porous carbon as oxygen reduction electrocatalysts for Zn-air battery. <i>Journal of Alloys and Compounds</i> , 2022, 926, 166777.	2.8	10
113	Structure optimization of ZIF-12-derived Co-N-C for efficient oxygen reduction and oxygen evolution. <i>Fuel</i> , 2022, 330, 125516.	3.4	6
114	Emerging electrocatalytic activities in transition metal selenides: synthesis, electronic modulation, and structure-performance correlations. <i>Chemical Engineering Journal</i> , 2023, 451, 138514.	6.6	28
115	Ir nanodots decorated Ni <sub>3</sub> Fe nanoparticles for boosting electrocatalytic water splitting. <i>Chemical Engineering Journal</i> , 2023, 451, 138548.	6.6	5
116	Emerging Heterogeneous Supports for Efficient Electrocatalysis. <i>Small Methods</i> , 2022, 6, .	4.6	15
117	Electronic coupling interaction between Pd and WO <sub>3</sub> nanoparticles for accelerating electro-oxidation reaction toward ethanol. <i>Journal of Alloys and Compounds</i> , 2022, 927, 166922.	2.8	4
118	Rational design of MOFs-derived Co-Ru species embedded N-doped carbon/carbon matrix for highly-efficient and multifunctional electrocatalysis. <i>Applied Surface Science</i> , 2022, 606, 154818.	3.1	1
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120	Formation of oxide crystallites on the porous GaAs surface by electrochemical deposition. <i>Nanomaterials and Nanotechnology</i> , 2022, 12, 184798042211273.	1.2	12
121	Interstitial Carbon-Doped PdMo Bimetallic for High-Performance Oxygen Reduction Reaction. <i>ACS Energy Letters</i> , 2022, 7, 3329-3336.	8.8	24
123	Dimension Engineering in Noble-Metal-Based Electrocatalysts for Water Splitting. <i>Chemical Record</i> , 2023, 23, .	2.9	3
124	Few-atom-layer metallene quantum dots toward CO <sub>2</sub> electroreduction at ampere-level current density and Zn-CO <sub>2</sub> battery. <i>Chem Catalysis</i> , 2022, 2, 3528-3545.	2.9	9
125	Orbital Occupancy and Spin Polarization: From Mechanistic Study to Rational Design of Transition Metal-Based Electrocatalysts toward Energy Applications. <i>ACS Nano</i> , 2022, 16, 17847-17890.	7.3	48
126	Rh metallene with functionalized polypyrrole surface for hydrogen evolution over a wide pH range. <i>Nanotechnology</i> , 2023, 34, 045402.	1.3	2
127	Crystalline Ni-Fe phosphide/amorphous P doped Fe-(oxy)hydroxide heterostructure as a multifunctional electrocatalyst for solar cell-driven hydrogen production. <i>Journal of Colloid and Interface Science</i> , 2023, 631, 56-65.	5.0	12



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129	Emerging two-dimensional metallenes: Recent advances in structural regulations and electrocatalytic applications. <i>Chinese Journal of Catalysis</i> , 2022, 43, 2802-2814.	6.9	9
130	Pd-Based Metallenes for Fuel Cell Reactions. <i>Chemical Record</i> , 2023, 23, .	2.9	10
131	Atomically thin bismuthene nanosheets for sensitive electrochemical determination of heavy metal ions. <i>Analytica Chimica Acta</i> , 2022, 1235, 340510.	2.6	12
132	In situ decoration of Co <sub>3</sub> O <sub>4</sub> on N-doped hollow carbon sphere as an effective bifunctional oxygen electrocatalyst for oxygen evolution and oxygen reduction reactions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 656, 130347.	2.3	8
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