

Jinwei Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Defect Engineering in Atomic-Layered Graphitic Carbon Nitride for Greatly Extended Visible-Light Photocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13805-13812.	8.0	111
2	Synthesis of MOF-Derived Nonprecious Catalyst with High Electrocatalytic Activity for Oxygen Reduction Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12087-12095.	3.7	45
3	Tungsten carbide encapsulated in nitrogen-doped carbon with iron/cobalt carbides electrocatalyst for oxygen reduction reaction. <i>Applied Surface Science</i> , 2016, 389, 157-164.	6.1	39
4	Synergistic coupling of Co ₄ N/VN confined in N-doped carbon derived from zeolitic imidazolate frameworks for oxygen reduction reaction. <i>Carbon</i> , 2020, 159, 16-24.	10.3	37
5	MOFs-Assisted Synthesis of Hierarchical Porous Nickel-Cobalt Nitride Heterostructure for Oxygen Reduction Reaction and Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 382-392.	6.7	37
6	Donor-Acceptor structural polymeric carbon nitride with in-plane electric field accelerating charge separation for efficient photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022, 430, 132725.	12.7	33
7	Surface Lattice Oxygen Activation by Nitrogen-Doped Manganese Dioxide as an Effective and Longevous Catalyst for Indoor HCHO Decomposition. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26960-26970.	8.0	32
8	BiOI-promoted nano-on-micro BiOI-MoS ₂ /CdS system for high-performance on photocatalytic H ₂ evolution under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28337-28348.	7.1	27
9	Sandwich-like electrode with tungsten nitride nanosheets decorated with carbon dots as efficient electrocatalyst for oxygen reduction. <i>Applied Surface Science</i> , 2019, 466, 911-919.	6.1	27
10	Engineering heterointerfaces coupled with oxygen vacancies in lanthanum-based hollow microspheres for synergistically enhanced oxygen electrocatalysis. <i>Journal of Energy Chemistry</i> , 2021, 60, 503-511.	12.9	27
11	Co ₃ O ₄ @CdS Hollow Spheres Derived from ZIF-67 with a High Phenol and Dye Photodegradation Activity. <i>ACS Omega</i> , 2020, 5, 17160-17169.	3.5	24
12	Titanium Nitride Hollow Spheres Consisting of TiN Nanosheets and Their Controllable Carbon-Nitrogen Active Sites as Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 2741-2748.	3.7	21
13	Defect Engineering and Synergistic Effect in Co ₃ O ₄ Catalysts for Efficient Removal of Formaldehyde at Room Temperature. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 18781-18789.	3.7	20
14	An enhanced activity of Pt/CeO ₂ /CNT triple junction interface catalyst prepared by atomic layer deposition for oxygen reduction reaction. <i>Chemical Physics Letters</i> , 2020, 755, 137793.	2.6	20
15	SPR-Effect Enhanced Semimetallic Bi ⁰ /p-BiOI/n-CdS Photocatalyst with Spatially Isolated Active Sites and Improved Carrier Transfer Kinetics for H ₂ Evolution. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8183-8194.	3.7	18
16	Assist more Pt-O bonds of Pt/MoO ₃ -CNT as a highly efficient and stable electrocatalyst for methanol oxidation and oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2021, 873, 159827.	5.5	17
17	Dynamically Optimized Multi-interface Novel BiSI-Promoted Redox Sites Spatially Separated n-p-n Double Heterojunctions BiSI/MoS ₂ /CdS for Hydrogen Evolution. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7844-7856.	3.7	14
18	Anchoring Highly Dispersed Pt Electrocatalysts on TiO _x with Strong Metal-Support Interactions via an Oxygen Vacancy-Assisted Strategy as Durable Catalysts for the Oxygen Reduction Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 5148-5156.	4.0	12

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19	The activation of bridged N atoms based on the structure engineering of PCN to boosts the release of visible-light photocatalytic hydrogen. <i>Chemical Engineering Journal</i> , 2022, 439, 135708.	12.7	12
20	Dual-Template Construction of Iron-Nitrogen-Codoped Hierarchically Porous Carbon Electrocatalyst for Oxygen Reduction Reaction. <i>Energy & Fuels</i> , 2020, 34, 16720-16728.	5.1	11
21	Effect of interlaced energy bands in polymeric carbon nitride nanotubes on the greatly enhanced visible-light photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2021, 417, 127956.	12.7	10
22	CdS Microparticles Decorated with Bi ⁰ /BiOI Nanosheets for Visible Light Photocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2021, 4, 4939-4947.	5.0	9
23	The spatially oriented redistribute of photogenerated carriers and photocatalytic hydrogen evolution mechanism research on polymeric carbon nitride Van der Waals homojunction. <i>Chemical Engineering Journal</i> , 2021, 408, 127284.	12.7	8
24	A facile synthesis of Zn-doped TiO ₂ nanoparticles with highly exposed (001) facets for enhanced photocatalytic performance. <i>RSC Advances</i> , 2021, 11, 7627-7632.	3.6	8
25	MOF-derived porous carbon supported iron-based catalysts with optimized active sites towards oxygen reduction reaction. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113191.	3.8	7
26	Phase-Modificate Defects Engineering CdS Sphalerite-Wurtzite System for Efficient Photocatalytic H ₂ Evolution under Visible Light Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14365-14376.	3.7	6
27	Design of Au Surface-doped PtFe Catalyst to Modulate Oxygen Binding Energy for Highly Efficient Oxygen Reduction Reaction. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1