

Yan Xing

List of Publications by Year in descending order

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147801

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#	ARTICLE	IF	CITATIONS
1	Macroscopic Foam-Like Holey Ultrathin $\text{g-C}_3\text{N}_4$ Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity. <i>Advanced Energy Materials</i> , 2016, 6, 1601273.	19.5	466
2	Tri-icosahedral Gold Nanocluster $[\text{Au}_{37}(\text{PPh}_3)_{10}(\text{SC}_2\text{H}_4\text{Ph})_{10}\text{X}_{12}]^{\text{sup}+}$ Linear Assembly of Icosahedral Building Blocks. <i>ACS Nano</i> , 2015, 9, 8530-8536.	12.6	169
3	Synthesis of Natural Cellulose-Templated TiO_2/Ag Nanosponge Composites and Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2781-2787.	8.0	144
4	Preparation of Carbon-Rich $\text{g-C}_3\text{N}_4$ Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. <i>Small</i> , 2017, 13, 1701552.	10.0	142
5	In situ loading of Ag_2WO_4 on ultrathin $\text{g-C}_3\text{N}_4$ nanosheets with highly enhanced photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2016, 313, 219-228.	12.4	135
6	Networks with hexagonal circuits in co-ordination polymers of metal ions (ZnII, CdII) with 1,1'- $(1,4\text{-butanediyl})\text{bis}(\text{imidazole})$. <i>Dalton Transactions RSC</i> , 2000, , 2403-2407.	2.3	127
7	Review on $\text{g-C}_3\text{N}_4$ -based S-scheme heterojunction photocatalysts. <i>Journal of Materials Science and Technology</i> , 2022, 125, 128-144.	10.7	126
8	Template-assisted synthesis of hierarchically hollow $\text{C}/\text{NiCo}_2\text{S}_4$ nanospheres electrode for high performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 382, 122943.	12.7	118
9	Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated $\text{g-C}_3\text{N}_4$ nanosheets with extended visible-light response. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20640-20648.	10.3	105
10	Co-monomer engineering optimized electron delocalization system in carbon-bridging modified $\text{g-C}_3\text{N}_4$ nanosheets with efficient visible-light photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119116.	20.2	92
11	Facile Synthesis and Properties of Hierarchical Double-Walled Copper Silicate Hollow Nanofibers Assembled by Nanotubes. <i>ACS Nano</i> , 2014, 8, 3664-3670.	14.6	80
12	Confining the Nucleation of Pt to In Situ Form (Pt-Enriched Cage) $@\text{CeO}_2$ Core@Shell Nanostructure as Excellent Catalysts for Hydrogenation Reactions. <i>Advanced Materials</i> , 2017, 29, 1700495.	21.0	72
13	Construction of Hierarchical $\text{Mn}_2\text{O}_3 @ \text{MnO}_2$ Core-Shell Nanofibers for Enhanced Performance Supercapacitor Electrodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 8190-8197.	5.1	69
14	Novel soluble fluorinated poly(ether imide)s with different pendant groups: Synthesis, thermal, dielectric, and optical properties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3281-3289.	2.3	63
15	Self-supported hierarchical $\text{CoFe-LDH}/\text{NiCo}_2\text{O}_4/\text{NF}$ core-shell nanowire arrays as an effective electrocatalyst for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020, 818, 153345.	5.5	58
16	Preparation of novel 0D/2D $\text{Ag}_2\text{WO}_4/\text{WO}_3$ Step-scheme heterojunction with effective interfacial charges transfer for photocatalytic contaminants degradation and mechanism insight. <i>Chemical Engineering Journal</i> , 2021, 420, 130361.	12.7	58
17	Investigating the Hybrid-Structure Effect of CeO_2 -Encapsulated Au Nanostructures on the Transfer Coupling of Nitrobenzene. <i>Advanced Materials</i> , 2018, 30, 1704416.	21.0	57
18	Self-Assembly of Three-Dimensional Zinc-Doped NiCo_2O_4 as Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 13002-13008.	3.3	51

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19	Surfactant-assisted hydrothermal synthesis and electrochemical properties of nanoplate-assembled 3D flower-like Cu ₃ V ₂ O ₇ (OH) ₂ ·2H ₂ O microstructures. CrystEngComm, 2011, 13, 367-370.	2.6	49
20	Two new coordination polymers of Co(II) with 1,1'-[1,4-butanediyl]bis(benzimidazole). New Journal of Chemistry, 2000, 24, 759-763.	2.8	46
21	In situ assembly of monodispersed Ag nanoparticles in the channels of ordered mesopolymers as a highly active and reusable hydrogenation catalyst. Journal of Materials Chemistry A, 2015, 3, 4307-4313.	10.3	46
22	All-thiolate-protected silver and silver-rich alloy nanoclusters with atomic precision: stable sizes, structural characterization and optical properties. CrystEngComm, 2016, 18, 3996-4005.	2.6	45
23	Ultrathin g-C ₃ N ₄ Nanosheets Coupled with AgI ₃ as Highly Efficient Heterostructured Photocatalysts for Enhanced Visible-Light Photocatalytic Activity. Chemistry - A European Journal, 2015, 21, 17739-17747.	3.3	40
24	Effects of the preparation method of Pt/g-C ₃ N ₄ photocatalysts on their efficiency for visible-light hydrogen production. Dalton Transactions, 2019, 48, 15068-15073.	3.3	39
25	Preparation of Hollow CeO ₂ /CePO ₄ with Nitrogen and Phosphorus Co-Doped Carbon Shells for Enhanced Oxygen Reduction Reaction Catalytic Activity. ChemElectroChem, 2018, 5, 793-798.	3.4	37
26	New heteropolyniobates based on a bicapped Keggin-type {VNb ₁₄ } cluster with selective adsorption and photocatalytic properties. CrystEngComm, 2014, 16, 9582-9585.	2.6	36
27	Highly active and stable copper catalysts derived from copper silicate double-shell nanofibers with strong metal-support interactions for the RWGS reaction. Chemical Communications, 2019, 55, 4178-4181.	4.1	35
28	Negative inductive effect enhances charge transfer driving in sulfonic acid functionalized graphitic carbon nitride with efficient visible-light photocatalytic performance. Chinese Journal of Catalysis, 2022, 43, 526-535.	14.0	35
29	CaF ₂ and CaF ₂ :Ln ³⁺ (Ln = Er, Nd, Yb) hierarchical nanoflowers: hydrothermal synthesis and luminescent properties. CrystEngComm, 2011, 13, 835-840.	2.6	34
30	Size-dependent catalytic properties of Au nanoparticles supported on hierarchical nickel silicate nanostructures. Dalton Transactions, 2013, 42, 7888-7893.	3.3	33
31	Sandwich-Structured Graphene-Nickel Silicate-Nickel Ternary Composites as Superior Anode Materials for Lithium-Ion Batteries. Chemistry - A European Journal, 2015, 21, 9014-9017.	3.3	32
32	In situ assembly of well-dispersed gold nanoparticles on hierarchical double-walled nickel silicate hollow nanofibers as an efficient and reusable hydrogenation catalyst. Chemical Communications, 2014, 50, 5447-5450.	4.1	31
33	In situ thermal-assisted loading of monodispersed Pt nanoclusters on CdS nanoflowers for efficient photocatalytic hydrogen evolution. Applied Surface Science, 2020, 506, 144933.	6.1	31
34	Fabrication of a vanadium nitride/N-doped carbon hollow nanosphere composite as an efficient electrode material for asymmetric supercapacitors. Nanoscale Advances, 2020, 2, 3865-3871.	4.6	27
35	Preparation and characterization of the Ti/IrO ₂ /WO ₃ as supercapacitor electrode materials. Russian Journal of Electrochemistry, 2010, 46, 77-80.	0.9	25
36	Facile route to achieve bifunctional electrocatalysts for oxygen reduction and evolution reactions derived from CeO ₂ encapsulated by the zeolitic imidazolate framework-67. Inorganic Chemistry Frontiers, 2019, 6, 3255-3263.	6.0	22

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55	Superior Oxygen Evolution Reaction Performance of $\text{Co}_3\text{O}_4/\text{NiCo}_2\text{O}_4/\text{Ni}$ Foam Composite with Hierarchical Structure. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	7
56	Surface Modification-Assisted Construction of Hierarchical Double-Walled MnO_2 Hollow Nanofibers for High-Performance Supercapacitor Electrode. ChemistrySelect, 2019, 4, 3646-3653.	1.5	5
57	Synthesis and Characterization of a Purely Inorganic Open-framework Bimetallic Phosphite with Intersecting 12- and 16-membered Ring Channels. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 916-920.	1.2	4
58	Preparation of TiO_2 Nanosponge-Supported Noble Metal Catalysts and Their Application to 4-Nitrophenol Reduction and CO Oxidation. ChemistrySelect, 2017, 2, 11456-11461.	1.5	4
59	Syntheses and Characterization of Tributyltin(IV) Carboxylates Containing Oxoketene Cyclic Dithioacetals. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 411-422.	1.8	3
60	Photochemical Synthesis, Properties and X-Ray Crystal Structure of Tetrabutylammonium Dodecamolybdophosphate Heteropoly Blue. Chinese Journal of Chemistry, 2002, 20, 240-246.	4.9	3
61	Solvothermal Synthesis, Crystal Structures, and Magnetic Properties of Two Organically Templated Iron Sulfates with Chain Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2681-2685.	1.2	3
62	Synthesis and Structure of a Chiral Copper(II) Sulfate $(\text{C}_3\text{N}_2\text{H}_4)_3\text{CuSO}_4$ from Achiral Materials. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, NA-NA.	1.2	2
63	Synthesis, structure and ring-opening polymerization of macrocyclic arylates containing phthalic unit. Science in China Series B: Chemistry, 1997, 40, 495-502.	0.8	1
64	Synthesis, properties and crystal structure of a heteropoly compound containing titanium. Transition Metal Chemistry, 1997, 22, 356-359.	1.4	0
65	Synthesis and Characterization of an Inorganic-Organic Hybrid Layered Zinc Phosphite $[(\text{C}_2\text{H}_3\text{N}_3)\text{Zn}(\text{HPO}_3)]$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 361-364.	1.2	0