Yan Xing

List of Publications by Year
in descending order

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65	3,047	147801	161849
papers	citations	31 h-index	54 g-index

65	65	65	4158
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	All-Solid-State Z-scheme Ta3N5/Bi/CaTaO2N photocatalyst transformed from perovskite CaBi2Ta2O9 for efficient overall water splitting. Chemical Engineering Journal, 2022, 431, 134041.	12.7	22
2	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
3	Review on g-C3N4-based S-scheme heterojunction photocatalysts. Journal of Materials Science and Technology, 2022, 125, 128-144.	10.7	126
4	Preparation of two-dimensional mesoporous Ta3N5 by utilizing a biological template for enhanced photocatalytic hydrogen production. Ceramics International, 2022, 48, 22297-22304.	4.8	9
5	Highly crystalline sulfur and oxygen co-doped g-C₃N₄ nanosheets as an advanced photocatalyst for efficient hydrogen generation. Catalysis Science and Technology, 2022, 12, 5136-5142.	4.1	8
6	Oxidation co-catalyst modified In2S3 with efficient interfacial charge transfer for boosting photocatalytic H2 evolution. International Journal of Hydrogen Energy, 2022, 47, 25300-25308.	7.1	11
7	Preparation of novel 0D/2D Ag2WO4/WO3 Step-scheme heterojunction with effective interfacial charges transfer for photocatalytic contaminants degradation and mechanism insight. Chemical Engineering Journal, 2021, 420, 130361.	12.7	58
8	Template-assisted synthesis of hierarchically hollow C/NiCo2S4 nanospheres electrode for high performance supercapacitors. Chemical Engineering Journal, 2020, 382, 122943.	12.7	118
9	Self-supported hierarchical CoFe-LDH/NiCo2O4/NF core-shell nanowire arrays as an effective electrocatalyst for oxygen evolution reaction. Journal of Alloys and Compounds, 2020, 818, 153345.	5.5	58
10	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
11	A multi-shelled CeO₂/Co@N-doped hollow carbon microsphere as a trifunctional electrocatalyst for a rechargeable zincâ€“air battery and overall water splitting. Sustainable Energy and Fuels, 2020, 4, 5156-5164.	4.9	12
12	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
13	Construction of Hierarchical Mn₂O₃@MnO₂ Coreâ€“Shell Nanofibers for Enhanced Performance Supercapacitor Electrodes. ACS Applied Energy Materials, 2020, 3, 8190-8197.	5.1	69
14	Co-monomer engineering optimized electron delocalization system in carbon-bridging modified g-C3N4 nanosheets with efficient visible-light photocatalytic performance. Applied Catalysis B: Environmental, 2020, 274, 119116.	20.2	92
15	Enhanced photoexcited carrier separation in Ta3N5/SrTaO2N (1D/0D) heterojunctions for highly efficient visible light-driven hydrogen evolution. Applied Surface Science, 2020, 514, 145915.	6.1	15
16	Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated g-C₃N₄ nanosheets with extended visible-light response. Journal of Materials Chemistry A, 2019, 7, 20640-20648.	10.3	105
17	Effects of the preparation method of Pt/g-C₃N₄ photocatalysts on their efficiency for visible-light hydrogen production. Dalton Transactions, 2019, 48, 15068-15073.	3.3	39
18	An Ecoâ€Friendly Nitrogen Source for the Preparation of Vanadium Nitride/Nitrogenâ€Doped Carbon Nanocomposites for Supercapacitors. ChemElectroChem, 2019, 6, 3445-3453.	3.4	11

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19	Highly active and stable copper catalysts derived from copper silicate double-shell nanofibers with strong metalâ€“support interactions for the RWGS reaction. Chemical Communications, 2019, 55, 4178-4181.	4.1	35
20	Surfaceâ€Modificationâ€Assisted Construction of Hierarchical Doubleâ€Walled MnO₂ Hollow Nanofibers for Highâ€Performance Supercapacitor Electrode. ChemistrySelect, 2019, 4, 3646-3653.	1.5	5
21	Facile route to achieve bifunctional electrocatalysts for oxygen reduction and evolution reactions derived from CeO₂ encapsulated by the zeolitic imidazolate framework-67. Inorganic Chemistry Frontiers, 2019, 6, 3255-3263.	6.0	22
22	Preparation of Hollow CeO₂/CePO₄ with Nitrogen and Phosphorus Coâ€Doped Carbon Shells for Enhanced Oxygen Reduction Reaction Catalytic Activity. ChemElectroChem, 2018, 5, 793-798.	3.4	37
23	Investigating the Hybridâ€Structureâ€Effect of CeO₂â€Encapsulated Au Nanostructures on the Transfer Coupling of Nitrobenzene. Advanced Materials, 2018, 30, 1704416.	21.0	57
24	Preparation of phenyl group functionalized g-C3N4 nanosheets with extended electron delocalization for enhanced visible-light photocatalytic activity. New Journal of Chemistry, 2018, 42, 6756-6762.	2.8	19
25	Selfâ€Assembly of Threeâ€Dimensional Zincâ€Doped NiCo₂O₄ as Efficient Electrocatalysts for Oxygen Evolution Reaction. Chemistry - A European Journal, 2018, 24, 13002-13008.	3.3	51
26	Preparation of Carbonâ€Rich gâ€C₃N₄ Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. Small, 2017, 13, 1701552.	10.0	142
27	Preparation of TiO₂ Nanospongeâ€Supported Noble Metal Catalysts and Their Application to 4â€Nitrophenol Reduction and CO Oxidation. ChemistrySelect, 2017, 2, 11456-11461.	1.5	4
28	Confining the Nucleation of Pt to In Situ Form (Ptâ€Enriched Cage)@CeO₂ Core@Shell Nanostructure as Excellent Catalysts for Hydrogenation Reactions. Advanced Materials, 2017, 29, 1700495.	21.0	72
29	Facile Fabrication of Wellâ€Dispersed Pt Nanoparticles in Mesoporous Silica with Large Open Spaces and Their Catalytic Applications. Chemistry - A European Journal, 2016, 22, 9293-9298.	3.3	15
30	In situ loading of Ag2WO4 on ultrathin g-C3N4 nanosheets with highly enhanced photocatalytic performance. Journal of Hazardous Materials, 2016, 313, 219-228.	12.4	135
31	Macroscopic Foamâ€Like Holey Ultrathin gâ€C₃N₄ Nanosheets for Drastic Improvement of Visibleâ€Light Photocatalytic Activity. Advanced Energy Materials, 2016, 6, 1601273.	19.5	466
32	In situ reduction of well-dispersed nickel nanoparticles on hierarchical nickel silicate hollow nanofibers as a highly efficient transition metal catalyst. RSC Advances, 2016, 6, 32580-32585.	3.6	15
33	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
34	Ultrathin gâ€C₃N₄ Nanosheets Coupled with AgIO₃ as Highly Efficient Heterostructured Photocatalysts for Enhanced Visibleâ€Light Photocatalytic Activity. Chemistry - A European Journal, 2015, 21, 17739-17747.	3.3	40
35	Sandwichâ€Structured Grapheneâ€“Nickel Silicateâ€“Nickel Ternary Composites as Superior Anode Materials for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 9014-9017.	3.3	32
36	Facile Synthesis of Hierarchical Magnesium Silicate Hollow Nanofibers Assembled by Nanosheets as an Efficient Adsorbent. ChemPlusChem, 2015, 80, 544-548.	2.8	19

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37	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
38	Tri-icosahedral Gold Nanocluster [Au₃₇(PPh₃)₁₀(SC₂H₄Ph)₁₀X₂]⁺ Linear Assembly of Icosahedral Building Blocks. ACS Nano, 2015, 9, 8530-8536.	12.6	167
39	Substrate placement angle-dependent growth of dandelion-like TiO₂nanorods for solid-state semiconductor-sensitized solar cells. RSC Advances, 2014, 4, 53335-53343.	3.6	14
40	New heteropolyniobates based on a bicapped Keggin-type {VNb₁₄} cluster with selective adsorption and photocatalytic properties. CrystEngComm, 2014, 16, 9582-9585.	2.6	36
41	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
42	Facile Synthesis and Properties of Hierarchical Double-Walled Copper Silicate Hollow Nanofibers Assembled by Nanotubes. ACS Nano, 2014, 8, 3664-3670.	14.6	80
43	Selfâ€Assembly and Visibleâ€Light Photocatalytic Properties of W/Nb Mixedâ€Addendum Polyoxometalate and Transitionâ€Metal Cations. ChemPlusChem, 2013, 78, 775-779.	2.8	20
44	Size-dependent catalytic properties of Au nanoparticles supported on hierarchical nickel silicate nanostructures. Dalton Transactions, 2013, 42, 7888-7893.	3.3	33
45	Synthesis of Natural Cellulose-Templated TiO2/Ag Nanosponge Composites and Photocatalytic Properties. ACS Applied Materials & Interfaces, 2012, 4, 2781-2787.	8.0	144
46	Surfactant-assisted hydrothermal synthesis and electrochemical properties of nanoplate-assembled 3D flower-like Cu₃V₂O₇(OH)₂Â·2H₂O microstructures. CrystEngComm, 2011, 13, 367-370.	2.6	49
47	CaF₂and CaF₂:Ln³⁺(Ln = Er, Nd, Yb) hierarchical nanoflowers: hydrothermal synthesis and luminescent properties. CrystEngComm, 2011, 13, 835-840.	2.6	34
48	Preparation and characterization of the Ti/IrO2/WO3 as supercapacitor electrode materials. Russian Journal of Electrochemistry, 2010, 46, 77-80.	0.9	25
49	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
50	Novel soluble fluorinated poly(ether imide)s with different pendant groups: Synthesis, thermal, dielectric, and optical properties. Journal of Polymer Science Part A, 2010, 48, 3281-3289.	2.3	63
51	Barium fluoride hollow microcubes: hydrothermal synthesis and host for lanthanide near-infrared luminescent properties. CrystEngComm, 2010, 12, 1945.	2.6	15
52	Solvothermal synthesis and magnetic properties of cobalt(II) phosphite structures of varying dimensionality. CrystEngComm, 2010, 12, 383-386.	2.6	12
53	Synthesis and Characterization of an Inorganicâ€Organic Hybrid Layered Zinc Phosphite [(C₂H₃N₃)Zn(HPO₃)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 361-364.	1.2	0
54	Synthesis, Structure and Photoluminescent Properties of [C₆N₂H₁₄][Nd₂(C₂O₄)₂(SO₄) a New Organically Templated Neodymium(III) Oxalateâ€sulfate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 558-562.	1.2	9

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55	Synthesis and Structure of a Chiral Copper(II) Sulfate (C3N2H4)3CuSO4from Achiral Materials. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, NA-NA.	1.2	2
56	Synthesis and Characterization of a Purely Inorganic Openâ€framework Bimetallic Phosphite with Intersecting 12â€•and 16â€membered Ring Channels. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 916-920.	1.2	4
57	Syntheses and Characterization of Tributyltin(IV) Carboxylates Containing Î±â€Oxoketene Cyclic Dithioacetals. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 411-422.	1.8	3
58	Photochemical Synthesis, Properties and Xâ€Ray Crystal Structure of Tetrabutylammonium Dodecamolybdophosphate Heteropoly Blue. Chinese Journal of Chemistry, 2002, 20, 240-246.	4.9	3
59	SYNTHESIS AND STRUCTURE OF A NOVEL MONONUCLEAR TUNGSTEN (VI) CITRATO COMPLEX, (NH₄)₃[Li(H₂O)₃WO₃(C₆) Tj ETQq1 1 0.784314 rgBT /C	1.1	3
60	Two new coordination polymers of Co(II) with 1,1â€²-(1,4-butanediyl)bis(benzimidazole). New Journal of Chemistry, 2000, 24, 759-763.	2.8	46
61	Networks with hexagonal circuits in co-ordination polymers of metal ions (ZnII, CdII) with 1,1â€²-(1,4-butanediyl)bis(imidazole). Dalton Transactions RSC, 2000, , 2403-2407.	2.3	127
62	Novel macrocyclic aryl thioether ester oligomers: structure characterization and free-radical ring opening polymerization. Macromolecular Chemistry and Physics, 1999, 200, 2407-2410.	2.2	7
63	Synthesis, properties and crystal structure of a heteropoly compound containing titanium. Transition Metal Chemistry, 1997, 22, 356-359.	1.4	0
64	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
65	Superior Oxygen Evolution Reaction Performance of Co₃O₄/NiCo₂O₄/Ni Foam Composite with Hierarchical Structure. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	7