

Yao-Ting Fan

List of Publications by Year in descending order

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45
papers

1,627
citations

430874

18
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient conversion of wheat straw wastes into biohydrogen gas by cow dung compost. <i>Bioresource Technology</i> , 2006, 97, 500-505.	9.6	302
2	Enhanced biohydrogen production from cornstalk wastes with acidification pretreatment by mixed anaerobic cultures. <i>Biomass and Bioenergy</i> , 2007, 31, 250-254.	5.7	284
3	A Crystalline Copper(II) Coordination Polymer for the Efficient Visible-Light-Driven Generation of Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2073-2077.	13.8	140
4	Biohydrogen-production from beer lees biomass by cow dung compost. <i>Biomass and Bioenergy</i> , 2006, 30, 493-496.	5.7	125
5	Fermentative hydrogen production by the newly isolated <i>Clostridium beijerinckii</i> Fanp3. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 5383-5391.	7.1	104
6	Enhanced H ₂ production from corn stalk by integrating dark fermentation and single chamber microbial electrolysis cells with double anode arrangement. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 8977-8982.	7.1	101
7	Direct degradation of cellulosic biomass to bio-hydrogen from a newly isolated strain <i>Clostridium sartagoforme</i> FZ11. <i>Bioresource Technology</i> , 2015, 192, 60-67.	9.6	65
8	Bioaugmented cellulosic hydrogen production from cornstalk by integrating dilute acid-enzyme hydrolysis and dark fermentation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 4852-4862.	7.1	43
9	Direct bioconversion of raw corn stalk to hydrogen by a new strain <i>Clostridium</i> sp. FS3. <i>Bioresource Technology</i> , 2014, 157, 91-97.	9.6	39
10	Construction of Two Discrete Molecular High-Nuclearity Copper(II) Complexes as Heterogeneous Catalysts for Oxidative Coupling Polymerisation of 2,6-Dimethylphenol. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2796-2803.	2.0	37
11	Four Three-Dimensional Coordination Polymers Constructed by 2-((1 <i>H</i> -1,2,4-Triazol-1-yl)methyl)-1 <i>H</i> -Imidazole-4,5-Dicarboxylate: Syntheses, Topological Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012, 12, 1282-1291.	3.0	33
12	Anion-Dependent Structural Diversity in Silver(I) Complexes of 4-Amino-3,5-diisopropyl-1,2,4-triazole. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 714-719.	2.0	32
13	3D binary silver(I) 1,2,4-triazolates: syntheses, structures and topologies. <i>CrystEngComm</i> , 2009, 11, 663.	2.6	32
14	Photocatalytic hydrogen evolution from a cobalt/nickel complex with dithiolene ligands under irradiation with visible light. <i>Catalysis Science and Technology</i> , 2015, 5, 2332-2339.	4.1	30
15	Enhanced bio-hydrogen production from corn stalk by anaerobic fermentation using response surface methodology. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 12770-12779.	7.1	28
16	A Crystalline Copper(II) Coordination Polymer for the Efficient Visible-Light-Driven Generation of Hydrogen. <i>Angewandte Chemie</i> , 2016, 128, 2113-2117.	2.0	26
17	The preparation and application of crude cellulase for cellulose-hydrogen production by anaerobic fermentation. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 459-468.	7.1	25
18	Hydrothermal Syntheses and Characterizations of Three Zn ^{II} Coordination Polymers Tuned by pH Value and Base. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1606-1611.	1.2	20

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19	Anion exchange induced tunable catalysis properties of an uncommon butterfly-like tetranuclear copper(II) cluster and magnetic characterization. <i>Dalton Transactions</i> , 2011, 40, 2555.	3.3	15
20	N-heterocyclic carbene adducts of cyclopalladated ferrocenylpyridine containing chloride or iodide anions: synthesis, crystal structures and application in the coupling of terminal alkynes with arylboronic acids. <i>Transition Metal Chemistry</i> , 2013, 38, 313-318.	1.4	15
21	Synthesis, Crystal Structure and Thermal Properties of a Novel Ferrocenecarboxylato-Bridged Zinc(II) Dimer $[Zn_2(\mu-OOCFc)_4(3-PyCOOCH_3)_2]$. <i>Journal of Coordination Chemistry</i> , 2003, 56, 877-884.	2.2	13
22	Hydrogen production characteristics from dark fermentation of maltose by an isolated strain F.P 01. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 7189-7193.	7.1	13
23	Synthesis of a new iron-sulfur cluster compound and its photocatalytic H_2 evolution activity through visible light irradiation. <i>Applied Organometallic Chemistry</i> , 2016, 30, 638-644.	3.5	12
24	Five novel transition metal coordination polymers with 2D/3D framework structure based on flexible H_2tza and ancillary ligand bpe. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2707-2715.	2.9	11
25	Synthesis and crystal structure of yttrium(III) and lanthanide(III) complexes with a new terpyridine-like ligand 2,4-bis(3,5-dimethylpyrazol-1-yl)-6-diethylamino-1,3,5-triazine. <i>Journal of Coordination Chemistry</i> , 2004, 57, 693-703.	2.2	10
26	Metal-organic Coordination Polymers Assembled from Divalent Transition Salts with a Flexible Spacer Ligand: Hydrothermal Syntheses, Crystal Structures, and Luminescent and Magnetic Properties. <i>Supramolecular Chemistry</i> , 2008, 20, 501-515.	1.2	10
27	Anion-dependent assemblies of two unprecedented copper(II) polymers with four-fold screw axes and trapped sodium chains. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1280-1283.	3.9	9
28	Effective conversion of maize straw wastes into bio-hydrogen by two-stage process integrating H_2 fermentation and MECs. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18394-18403.	5.3	9
29	Synthesis, Structure and Fluorescence Properties of a Coordination Polymer $[Cu_2(SCN)_4(BPX)]_n$ with 1D Ladder-Shaped Structure. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 609-613.	0.6	7
30	H_2 Generation from a homogeneous photocatalytic system containing noble-metal-free Co(II) complex under the irradiation of visible light. <i>International Journal of Energy Research</i> , 2014, 38, 2003-2009.	4.5	7
31	Self-Assembly, Crystal Structure and Thermal Property of a Coordination Polymer $[(DDTD)(Cu_3I_5)]_n$. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 441-444.	0.6	6
32	Four novel lanthanide(III) coordination polymers with 3D network structures containing 2-fold interpenetration. <i>Inorganic Chemistry Communication</i> , 2010, 13, 22-25.	3.9	5
33	Note: Synthesis, Characterization and Crystal Structures of the Coordination Polymers $[Cu(II)(NO_3)_2(BBMB)]$ and $[Mn(II)Cl_2(BBMB)_2]$ [BBMB = 1,4-Bis(1-Benzimidazolylmethyl) Benzene]. <i>Journal of Coordination Chemistry</i> , 2003, 56, 1025-1032.	2.2	3
34	Two New Nickel(II) Complexes of (4-Amino-1,2,4-triazole-3,5-diylidithio)diacetic Acid: Syntheses, Crystal Structures and Characterizations. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 36-44.	0.6	3
35	STUDIES ON THE SYNTHESIS AND CATION BINDING PROPERTIES OF TRIS(2-PYRIDYLAMINOCARBONYLMETHOXYMETHYL)PROPANE AND TRIS(2-PYRIDYLAMINOCARBONYLMETHYL)AMINE. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> . 2002. 32. 1537-1547.	0.6	2
36	Construction of Cerium(III) Supramolecular Compound with 1,5-Bis(pyridinium)pentane. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 175-178.	0.6	2

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37	Synthesis, Crystal Structure and Third-order Nonlinear Optical Properties of Nest-shaped Cluster [CuBr(bpy) ₂] [MoOS ₃ Cu ₃ -Br ₂ (bpy)]. Chinese Journal of Chemistry, 2010, 19, 268-271.	4.9	2
38	Synthesis, Molecular Structure, and Characterizations of a Novel 3D Network Cadmium Complex. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 662-668.	0.6	2
39	2D d ¹⁰ Metal Assembly Frameworks: Construction of Metal-organic Architecture with Metal Thiocyanate and Dipyridyl Spacer. Journal of Chemical Crystallography, 2011, 41, 533-536.	1.1	2
40	Synthesis and X-ray crystal structure of oxamido-bridged heterobinuclear Ni(II)-Cu(II) complexes. Chinese Journal of Chemistry, 2010, 12, 503-508.	4.9	1
41	Syntheses, crystal structures, and fluorescence of two complexes constructed by N-((2-pyridin-2-ylmethylene)-2-(1H-1,2,4-triazol-1-yl)acetohydrazide. Journal of Coordination Chemistry, 2010, 63, 4104-4112.	2.2	1
42	Effects of the inhibitor of pyruvate dehydrogenase multi-enzyme complex on hydrogen production by fermentative microbes. International Journal of Green Energy, 2017, 14, 330-335.	3.8	1
43	A Linear Piperazine-Containing Ligand and Its Hg Coordination Polymer. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 9-13.	0.6	0
44	Synthesis, Crystal Structure, and Luminescent Properties of a Novel Cadmium Coordination Polymer. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 1246-1250.	0.6	0
45	Crystal structure of aqua-bis[N-(5-p-tolyl-1,3,4-oxadiazol-2-yl) benzamide- μ_2 N,O]zinc(II), Zn(C ₁₆ H ₁₂ N ₃ O ₂) ₂ (H ₂ O), C ₃₂ H ₂₆ N ₆ O ₅ Zn. Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, 343-344.	0.3	0