

Huaguang Yu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,397
citations

361045

20
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2069
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensively competitive adsorption for heavy metal ions by PAMAM-SBA-15 and EDTA-PAMAM-SBA-15 inorganic-organic hybrid materials. <i>Microporous and Mesoporous Materials</i> , 2007, 103, 316-324.	2.2	182
2	Natural halloysite nanotubes as mesoporous carriers for the loading of ibuprofen. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 89-98.	2.2	132
3	C-Type Starch from High-Amylose Rice Resistant Starch Granules Modified by Antisense RNA Inhibition of Starch Branching Enzyme. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7383-7388.	2.4	96
4	Synthesis of Sn-doped ZnO nanorods and their photocatalytic properties. <i>Materials Research Bulletin</i> , 2011, 46, 1107-1112.	2.7	95
5	Characterization and Antioxidant Activity of the Complex of Tea Polyphenols and Oat β -Glucan. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 10737-10746.	2.4	94
6	Granule Structure and Distribution of Allomorphs in C-Type High-Amylose Rice Starch Granule Modified by Antisense RNA Inhibition of Starch Branching Enzyme. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11946-11954.	2.4	93
7	Nanostructured FeNi ₃ Incorporated with Carbon Doped with Multiple Nonmetal Elements for the Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2018, 11, 2703-2709.	3.6	75
8	Electrochemical oxygen evolution reaction efficiently boosted by thermal-driving core-shell structure formation in nanostructured FeNi/S, N-doped carbon hybrid catalyst. <i>Nanoscale</i> , 2018, 10, 16911-16918.	2.8	70
9	Solvothermal synthesis of Cu-doped ZnO nanowires with visible light-driven photocatalytic activity. <i>Materials Letters</i> , 2012, 74, 236-238.	1.3	66
10	Structure and physicochemical properties of starches in lotus (<i>Nelumbo nucifera</i>)	1.5	53
11	Active sites contribution from nanostructured interface of palladium and cerium oxide with enhanced catalytic performance for alcohols oxidation in alkaline solution. <i>Journal of Energy Chemistry</i> , 2018, 27, 395-403.	7.1	50
12	Reactivity Enhancement of 2-Propanol Photocatalysis on SO ₄ ²⁻ /TiO ₂ : Insights from Solid-State NMR Spectroscopy. <i>Environmental Science & Technology</i> , 2008, 42, 5316-5321.	4.6	49
13	Acidity of sulfated tin oxide and sulfated zirconia: A view from solid-state NMR spectroscopy. <i>Catalysis Communications</i> , 2009, 10, 920-924.	1.6	45
14	Periosteum Extracellular Matrix Mediated Acellular Mineralization during Bone Formation. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700660.	3.9	43
15	Local structure of hydroxyperoxy apatite: A combined XRD, FT-IR, Raman, SEM, and solid-state NMR study. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1863-1871.	1.9	36
16	Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 1273-1280.	1.7	32
17	Formation, Location, and Photocatalytic Reactivity of Methoxy Species on Keggin 12-H ₃ PW ₁₂ O ₄₀ : A Joint Solid-State NMR Spectroscopy and DFT Calculation Study. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15765-15770.	1.5	31
18	Moisture retention and antibacterial activity of modified chitosan by hydrogen peroxide. <i>Journal of Applied Polymer Science</i> , 2002, 86, 1724-1730.	1.3	25

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19	Microstructure and in vitro Bioactivity of Silicon-Substituted Hydroxyapatite. <i>Silicon</i> , 2017, 9, 543-553.	1.8	25
20	A two-dimensional Ni(Ni^{II}) coordination polymer based on a 3,5-bis(1,2,4-triazol-1-yl)pyridine ligand for water electro-oxidation. <i>Catalysis Science and Technology</i> , 2019, 9, 1769-1773.	2.1	21
21	Solid-State ^{63}Cu , ^{65}Cu , and ^{31}P NMR Spectroscopy of Photoluminescent Copper(I) Triazole Phosphine Complexes. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8279-8293.	1.1	16
22	Visible-light-induced ligand to metal charge transfer excitation enabled phosphorylation of aryl halides. <i>Chemical Communications</i> , 2021, 57, 5702-5705.	2.2	16
23	FeO-Based Hierarchical Structures on FTO Substrates and Their Photocurrent. <i>ACS Omega</i> , 2020, 5, 2205-2213.	1.6	12
24	Synthesis, structure, and photoluminescence properties of coordination polymers of 4,4'-bis(4-oxo-4H-pyridin-2-yl)-4,4'-tetrakis(carboxyphenyl)silane and 3,5-bis(1,2,4-triazol-1-yl)pyridine. <i>CrystEngComm</i> , 2020, 22, 534-545.	1.1	1
25	Thermal Annealing Effect of Co Ni /Carbon Nanotube on the Electrochemical Oxygen Reduction Reaction. <i>Energy Technology</i> , 2018, 6, 2394-2398.	1.8	8
26	Solid-state NMR and XRD study of β -SiAlON powders prepared by combustion synthesis. <i>Journal of Alloys and Compounds</i> , 2007, 439, 268-274.	2.8	5
27	Quinine Acesulfamates. <i>Crystal Growth and Design</i> , 2017, 17, 58-66.	1.4	5
28	Synthesis, structure, and fluorescence properties of coordination polymers of 3,5-bis(1,2,4-triazol-1-yl)pyridine. <i>CrystEngComm</i> , 2021, 23, 1744-1755.	1.3	5
29	Synthesis and Characterization of a Novel Diblock Copolymer with a Polyrotaxane Block. <i>Polymer Bulletin</i> , 2008, 61, 53-62.	1.7	4
30	Anatomical and chemical characteristics of culm of rice brittle mutant bc7(t). <i>Functional Plant Biology</i> , 2011, 38, 227.	1.1	2
31	Imaging Metal-Organic Frameworks (MOFs) Using Cryo-TEM and Direct Electron-Detection Camera. <i>Microscopy and Microanalysis</i> , 2019, 25, 1724-1725.	0.2	0