

# Hui-ping Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5318288/publications.pdf>

Version: 2024-02-01

40  
papers

517  
citations

759190

12  
h-index

677123

22  
g-index

41  
all docs

41  
docs citations

41  
times ranked

735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface hydroxyl groups functionalized graphite carbon nitride for high efficient removal of diquat dibromide from water. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 70-80.	9.4	32
2	Selective removal of copper from the artificial nickel electrolysis anolyte by a novel chelating resin: batch, column and mechanisms. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 137-147.	2.4	4
3	Fixed-bed column study for deep removal of copper (II) from simulated cobalt electrolyte using polystyrene-supported 2-aminomethylpyridine chelating resin. <i>Journal of Central South University</i> , 2019, 26, 1374-1384.	3.0	2
4	Phase separation in solvent extraction of copper or nickel from acidic solution using a sulfonic acid (HDNNS) and a carboxylate ester (4PC). <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 819-827.	2.4	3
5	Investigation on enthalpies of combustion and heat capacities for 2-aminomethylpyridine derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1627-1633.	3.6	0
6	Selective removal of copper from simulated nickel electrolyte by polystyrene-supported 2-aminomethylpyridine chelating resin. <i>Chemical Papers</i> , 2018, 72, 2071-2085.	2.2	11
7	Structural insights into the extraction mechanism of cobalt(II) with dinonylnaphthalene sulfonic acid and 2-ethylhexyl 4-pyridinecarboxylate ester. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2441-2456.	2.2	6
8	The Coordination Structure of the Extracted Cobalt(II) Complex with a Synergistic Mixture Containing Lix63 and Versatic10. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 833-842.	1.4	4
9	The coordination structure of the extracted nickel(II) complex with a synergistic mixture containing dinonylnaphthalene sulfonic acid and 2-ethylhexyl 4-pyridinecarboxylate ester. <i>Dalton Transactions</i> , 2017, 46, 1075-1082.	3.3	24
10	Structural Insights into the Coordination and Extraction Mechanism of Nickel(II) with Dinonylnaphthalene Sulfonic Acid and 2-Ethylhexyl 4-Pyridinecarboxylate Ester as Extractants. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1294-1302.	1.4	4
11	The Influence of Residual Acidic and Sulfate Impurities of Electrolytic Manganese Dioxide on the Electrochemistry of LiMn <sub>2</sub> O <sub>4</sub> Cathode. <i>ChemistrySelect</i> , 2017, 2, 9402-9406.	1.5	0
12	Insights into the extraction mechanism from the coordination chemistry of copper(II) with a synergistic mixture which mimics Versatic10 and 2-ethylhexyl 4-pyridinecarboxylate ester. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3325-3337.	2.2	1
13	FT-IR, XPS, and DFT Study of Adsorption Mechanism of Sodium Acetohydroxamate onto Goethite or Hematite. <i>Chinese Journal of Chemical Physics</i> , 2016, 29, 308-318.	1.3	18
14	Adsorption mechanism of the simulated red mud from diaspore with high levels of silicon and iron. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 1700-1709.	1.7	3
15	Negative effect of dissolved organic compounds on settling behavior of synthetic monominerals in red mud. <i>Journal of Central South University</i> , 2016, 23, 1591-1602.	3.0	5
16	Thermodynamic Properties of the 1,2-Diketone-ZnSO <sub>4</sub> ·(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> ·NH <sub>3</sub> (aq)·H <sub>2</sub> O System. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 1585-1591.	1.9	0
17	Flocculation performance and mechanism of hydroxamate flocculants on synthetic hematite or goethite suspension. <i>Journal of Central South University</i> , 2015, 22, 1626-1634.	3.0	3
18	Synthesis of modified polyacrylamide with high content of hydroxamate groups and settling performance of red mud. <i>Journal of Central South University</i> , 2015, 22, 2073-2080.	3.0	7

#	ARTICLE	IF	CITATIONS
19	The recovery of Zn and Pb and the manufacture of lightweight bricks from zinc smelting slag and clay. <i>Journal of Hazardous Materials</i> , 2014, 271, 220-227.	12.4	48
20	Dissolution mechanism and solubility of hemimorphite in NH <sub>3</sub> -(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -H <sub>2</sub> O system at 298.15 K. <i>Journal of Central South University</i> , 2014, 21, 884-890.	3.0	8
21	Extraction of zinc(II) from ammoniacal solution into hydrophobic ionic liquids. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 644-650.	3.2	9
22	Amine/acid catalyzed synthesis of a new silica-aminomethyl pyridine material as a selective adsorbent of copper. <i>Journal of Materials Chemistry</i> , 2012, 22, 17293.	6.7	35
23	Dissolution kinetics of malachite in ammonia/ammonium sulphate solution. <i>Journal of Central South University</i> , 2012, 19, 903-910.	3.0	17
24	Leaching kinetics of low-grade copper ore with high-alkalinity gangues in ammonia-ammonium sulphate solution. <i>Journal of Central South University</i> , 2012, 19, 77-84.	3.0	26
25	Porous TiO <sub>2</sub> with a controllable bimodal pore size distribution from natural ilmenite. <i>CrystEngComm</i> , 2011, 13, 1322-1327.	2.6	23
26	MoO <sub>3</sub> nanoparticles dispersed uniformly in carbon matrix: a high capacity composite anode for Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 9350.	6.7	127
27	Leaching Kinetics of Willemite in Ammonia-Ammonium Chloride Solution. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2011, 42, 633-641.	2.1	10
28	Real-solution stability diagrams for copper-ammonia-chloride-water system. <i>Central South University</i> , 2011, 18, 48-55.	0.5	6
29	Light energy conversion device for photocatalyst 2.0%WO <sub>3</sub> -TiO <sub>2</sub> with oxygen vacancies for water splitting. <i>Central South University</i> , 2010, 17, 943-946.	0.5	1
30	Effects of Mechanical Activation on the HCl Leaching Behavior of Titanaugite, Ilmenite, and Their Mixtures. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 1158-1165.	2.1	13
31	Preparation of TiO <sub>2</sub> photocatalyst loaded with V <sub>2</sub> O <sub>5</sub> for O <sub>2</sub> evolution. <i>Central South University</i> , 2009, 16, 919-925.	0.5	14
32	Thermal decomposition behaviour of polyacrylamidomethyltrimethyl ammonium chloride in red mud separation process. <i>Central South University</i> , 2008, 15, 808-813.	0.5	0
33	Preparation, characterization and photocatalytic behavior of WO <sub>3</sub> -TiO <sub>2</sub> /Nb <sub>2</sub> O <sub>5</sub> catalysts. <i>Central South University</i> , 2007, 14, 788-792.	0.5	6
34	Structural change of mechanically activated molybdenite and the effect of mechanical activation on molybdenite. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2004, 35, 1203-1207.	2.1	11
35	The thermal behavior of mechanically activated galena by thermogravimetry analysis. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2003, 34, 793-797.	2.2	5
36	The thermal behavior of mechanically activated galena by thermogravimetry analysis. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2003, 34, 793-797.	2.2	8

#	ARTICLE	IF	CITATIONS
37	Effect of aging conditions on the leaching of mechanically activated pyrite and sphalerite. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2003, 34, 639-645.	2.1	7
38	The oxidation behavior of unactivated and mechanically activated sphalerite. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2002, 33, 897-900.	2.1	16
39	Effects of in situ grown SiC on the microstructure and anti-ablation performance of C/C-SiC composites fabricated by sol-gel and precursor impregnation and pyrolysis. Advanced Engineering Materials, 0, , .	3.5	0
40	The application of structural analysis in the investigation of solvent extraction mechanism. Journal of Coordination Chemistry, 0, , 1-24.	2.2	0