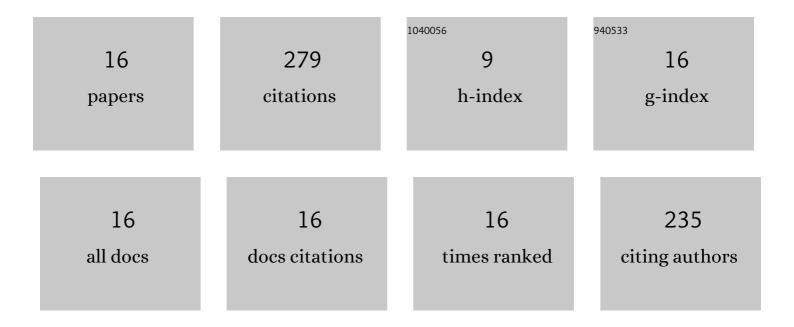
## Xuekai Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9121532/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Preparation of Battery-Grade FePO4·2H2O Using the Stripping Solution Generated from Resource Recycling of Bauxite Residue. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 86-94.	2.7	3
2	Aluminum separation by sulfuric acid leaching-solvent extraction from Al-bearing LiFePO4/C powder for recycling of Fe/P. Waste Management, 2022, 144, 303-312.	7.4	27
3	Stripping of Fe(III) from Aliquat 336 by NaH <sub>2</sub> PO <sub>4</sub> : implication for rare-earth elements recovery from red mud. Separation Science and Technology, 2021, 56, 301-309.	2.5	12
4	Separation and recovery of scandium and titanium from red mud leaching liquor through a neutralization precipitation-acid leaching approach. Journal of Rare Earths, 2021, 39, 1126-1132.	4.8	25
5	Separation and recovery of arsenic from As, Cu, and Zn rich leaching liquor using a reduction-crystallization approach. RSC Advances, 2021, 11, 22426-22432.	3.6	1
6	Separation of As and Bi and enrichment of As, Cu, and Zn from copper dust using an oxidation-leaching approach. Chinese Journal of Chemical Engineering, 2021, 33, 125-131.	3.5	9
7	Application of recycled ferric chloride for alkalinity regulation of bauxite residue. Journal of Cleaner Production, 2021, 305, 127174.	9.3	8
8	Unveiling the degradation of membrane concentrated landfill leachate during enhanced photocatalysis using spectroscopic approaches. Journal of Water Process Engineering, 2021, 43, 102220.	5.6	5
9	Selective separation of copper and zinc from high acid leaching solution of copper dust using a sulfide precipitation-pickling approach. Chemical Engineering Research and Design, 2021, 156, 100-108.	5.6	6
10	Arsenic removal from highly-acidic wastewater with high arsenic content by copper-chloride synergistic reduction. Chemosphere, 2020, 238, 124675.	8.2	30
11	Separation and recovery of iron and scandium from acid leaching solution of red mud using D201 resin. Journal of Rare Earths, 2020, 38, 1322-1329.	4.8	30
12	Integration of resource recycling with de-alkalization for bauxite residue treatment. Hydrometallurgy, 2020, 192, 105263.	4.3	8
13	Selective Removal of Iron from Acid Leachate of Red Mud by Aliquat 336. Jom, 2019, 71, 4608-4615.	1.9	12
14	Reductive removal of arsenic from waste acid containing high-acidity and arsenic levels through iodide and copper powder synergy. Chemical Engineering Journal, 2019, 373, 23-30.	12.7	28
15	Removal of Zn(II) from manganese-zinc chloride waste liquor using ion-exchange with D201 resin. Hydrometallurgy, 2019, 190, 105171.	4.3	15
16	Enhanced selective leaching of scandium from red mud. Hydrometallurgy, 2018, 182, 57-63.	4.3	60