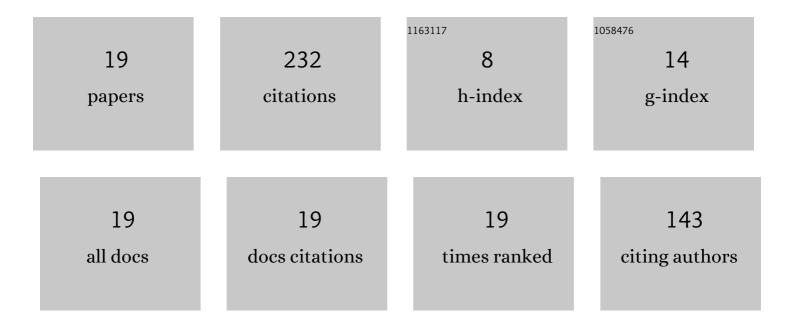
## Huibin Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Speciation characterization of arsenic-bearing phase in arsenic sulfide sludge and the sequential leaching mechanisms. Journal of Hazardous Materials, 2022, 423, 127035.	12.4	3
2	High temperature oxidation resistance of Ti-5553 alloy with electro-deposited SiO2 coating. Materials Chemistry and Physics, 2022, 275, 125306.	4.0	6
3	Study on Stability of Mechanical Properties for Porous Fe-Cr-Al Alloys after Long-Term Aging. Materials, 2022, 15, 3718.	2.9	4
4	Efficient removal of bismuth with supersoluble amorphous antimony acids: An insight into synthesis mechanism and Sb(V)-Bi(III) interaction behaviors. Chemical Engineering Journal, 2021, 420, 127617.	12.7	4
5	Preparation of a highly active MoS <sub>2</sub> /TiO <sub>2</sub> composite for photocatalytic oxidation of nitrite under solar irradiation. New Journal of Chemistry, 2021, 45, 10608-10617.	2.8	6
6	Selective Recovery of Bismuth in Copper Electrolyte Through Coprecipitation Method and Its Mechanism. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 2551-2562.	2.1	5
7	CO2 photoelectroreduction with enhanced ethanol selectivity by high valence rhenium-doped copper oxide composite catalysts. Journal of Colloid and Interface Science, 2021, 599, 497-506.	9.4	9
8	Reactive synthesis of porous FeAlCr intermetallics with enhanced mechanical property and oxidation resistance by introducing yttrium borides. Materials Chemistry and Physics, 2021, 273, 124929.	4.0	7
9	High-efficiency and sustainable photoelectric conversion of CO2 to methanol over CuxO/TNTs catalyst by pulse potential method. Journal of Solid State Electrochemistry, 2020, 24, 447-459.	2.5	9
10	Photoelectrocatalytic Reduction of CO <sub>2</sub> over CuBi <sub>2</sub> O <sub>4</sub> /TiO <sub>2</sub> â€NTs under Simulated Solar Irradiation. ChemistrySelect, 2020, 5, 5137-5145.	1.5	5
11	Effective combination of CuFeO2 with high temperature resistant Nb-doped TiO2 nanotube arrays for CO2 photoelectric reduction. Journal of Colloid and Interface Science, 2020, 568, 198-206.	9.4	30
12	The role of Cr in the reactive synthesis of porous FeAlCr intermetallic compounds. Materials Chemistry and Physics, 2020, 249, 123013.	4.0	16
13	A Study on the Catalytic Activity and Service Lifetime of RuO <sub>2</sub> â€TiO <sub>2</sub> Composite Electrode with TNTs as Interlayer. ChemistrySelect, 2019, 4, 10965-10971.	1.5	4
14	Co3O4 Nanoparticles Modified TiO2 Nanotube Arrays with Improved Photoelectrochemical Performance. Russian Journal of Applied Chemistry, 2019, 92, 64-70.	0.5	7
15	Reactive synthesis and assessment of porous Fe-20.5Al-18Cr intermetallic material: A comparative study with porous FeCrAl material produced from prealloyed powders. Separation and Purification Technology, 2019, 220, 152-161.	7.9	17
16	Understanding the enhanced removal of Bi(III) using modified crystalline antimonic acids: creation of a transitional pyrochlore-type structure and the Sb(V)-Bi(III) interaction behaviors. Chemical Engineering Journal, 2019, 360, 313-324.	12.7	10
17	Modification of the reactive synthesis of porous FeAl with addition of Si. Materials at High Temperatures, 2019, 36, 1-8.	1.0	15
18	Suppression of the SHS reactions during synthesis of porous FeAl intermetallics by introducing silicon. Journal of Alloys and Compounds, 2018, 735, 1435-1438.	5.5	27

#	Article	IF	CITATIONS
19	Direct separation of arsenic and antimony oxides by high-temperature filtration with porous FeAl intermetallic. Journal of Hazardous Materials, 2017, 338, 364-371.	12.4	48