Linghao Kong

List of Publications by Year
in descending order

33 papers	965 citations	430874 18 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	755 citing authors

#	Article	IF	Citations
1	Mechanisms of Sb(III) Oxidation by Pyrite-Induced Hydroxyl Radicals and Hydrogen Peroxide. Environmental Science & Technology, 2015, 49, 3499-3505.	10.0	144
2	Calculation and application of Sb toxicity coefficient for potential ecological risk assessment. Science of the Total Environment, 2018, 610-611, 167-174.	8.0	112
3	Mechanisms of Sb(III) Photooxidation by the Excitation of Organic Fe(III) Complexes. Environmental Science & Technology, 2016, 50, 6974-6982.	10.0	63
4	Kinetics and Mechanism of Photopromoted Oxidative Dissolution of Antimony Trioxide. Environmental Science & Technology, 2014, 48, 14266-14272.	10.0	53
5	Removal of Arsenic from Strongly Acidic Wastewater Using Phosphorus Pentasulfide As Precipitant: UV-Light Promoted Sulfuration Reaction and Particle Aggregation. Environmental Science & Technology, 2018, 52, 4794-4801.	10.0	46
6	Photopromoted oxidative dissolution of stibnite. Applied Geochemistry, 2015, 61, 53-61.	3.0	44
7	Mechanisms of UV-Light Promoted Removal of As(V) by Sulfide from Strongly Acidic Wastewater. Environmental Science & Technology, 2017, 51, 12583-12591.	10.0	42
8	Dynamic flow and pollution of antimony from polyethylene terephthalate (PET) fibers in China. Science of the Total Environment, 2021, 771, 144643.	8.0	39
9	Removal of Chloride Ions from Strongly Acidic Wastewater Using Cu(0)/Cu(II): Efficiency Enhancement by UV Irradiation and the Mechanism for Chloride Ions Removal. Environmental Science & Technology, 2019, 53, 383-389.	10.0	36
10	Specific H₂S Release from Thiosulfate Promoted by UV Irradiation for Removal of Arsenic and Heavy Metals from Strongly Acidic Wastewater. Environmental Science & Technology, 2020, 54, 14076-14084.	10.0	33
11	Adsorption of antimony on kaolinite as a function of time, pH, HA and competitive anions. Environmental Earth Sciences, 2016, 75, 1.	2.7	30
12	UV-Improved Removal of Chloride Ions from Strongly Acidic Wastewater Using Bi₂O₃: Efficiency Enhancement and Mechanisms. Environmental Science & Technology, 2019, 53, 10371-10378.	10.0	30
13	UV-Light-Induced Aggregation of Arsenic and Metal Sulfide Particles in Acidic Wastewater: The Role of Free Radicals. Environmental Science & Technology, 2018, 52, 10719-10727.	10.0	28
14	Sulfate radical-based removal of chloride ion from strongly acidic wastewater: Kinetics and mechanism. Journal of Hazardous Materials, 2021, 410, 124540.	12.4	27
15	Photo-induced dissolution of Bi2O3 during photocatalysis reactions: Mechanisms and inhibition method. Journal of Hazardous Materials, 2021, 412, 125267.	12.4	23
16	A review on the removal of Cl(-I) with high concentration from industrial wastewater: Approaches and mechanisms. Science of the Total Environment, 2022, 824, 153909.	8.0	23
17	UV light irradiation improves the aggregation and settling performance of metal sulfide particles in strongly acidic wastewater. Water Research, 2019, 163, 114860.	11.3	22
18	A novel precipitant for the selective removal of fluoride ion from strongly acidic wastewater: Synthesis, efficiency, and mechanism. Journal of Hazardous Materials, 2021, 403, 124039.	12.4	20

#	Article	IF	Citations
19	Removal of Cl(-I) from strongly acidic wastewater containing Cu(II) by complexation-precipitation using thiourea: Efficiency enhancement by ascorbic acid. Journal of Hazardous Materials, 2021, 402, 123836.	12.4	18
20	Influences of Particles and Aquatic Colloids on the Oxidation of Sb(III) in Natural Water. ACS Earth and Space Chemistry, 2020, 4, 661-671.	2.7	17
21	Removal of Ni(II) from strongly acidic wastewater by chelating precipitation and recovery of NiO from the precipitates. Journal of Environmental Sciences, 2021, 104, 365-375.	6.1	16
22	Calcium sulfide-organosilicon complex for sustained release of H2S in strongly acidic wastewater: Synthesis, mechanism and efficiency. Journal of Hazardous Materials, 2022, 421, 126745.	12.4	14
23	Mechanism for Photopromoted Release of Vanadium from Vanadium Titano-Magnetite. Environmental Science & Technology, 2018, 52, 1954-1962.	10.0	12
24	Recovery of Re(VII) from strongly acidic wastewater using sulphide: Acceleration by UV irradiation and the underlying mechanism. Journal of Hazardous Materials, 2021, 416, 126233.	12.4	12
25	Reductive Removal and Recovery of As(V) and As(III) from Strongly Acidic Wastewater by a UV/Formic Acid Process. Environmental Science & Technology, 2022, 56, 9732-9743.	10.0	12
26	Removal of Cl(â^'I) from strongly acidic wastewater using NaBiO3: A process of simultaneous oxidation and precipitation. Desalination, 2020, 491, 114566.	8.2	10
27	Hydrophilicity/hydrophobicity of metal sulfide particles as a determinator of aggregation performance in wastewater. Journal of Water Process Engineering, 2021, 40, 101900.	5.6	10
28	H2S release rate strongly affects particle size and settling performance of metal sulfides in acidic wastewater: The role of homogeneous and heterogeneous nucleation. Journal of Hazardous Materials, 2022, 438, 129484.	12.4	9
29	The mechanism for promoted oxygenation of V(IV) by goethite: Positive effect of surface hydroxyl groups. Journal of Hazardous Materials, 2019, 369, 254-260.	12.4	7
30	Clean and effective removal of Cl(-I) from strongly acidic wastewater by PbO2. Journal of Environmental Sciences, 2022, 120, 1-8.	6.1	5
31	Chemical solidification/stabilization of arsenic sulfide and oxide mixed wastes using elemental sulfur: Efficiencies, mechanisms and long-term stabilization enhancement by dicyclopentadiene. Journal of Hazardous Materials, 2021, 419, 126390.	12.4	4
32	The Recycling of Acid Wastewater with High Concentrations of Organic Matter: Recovery of H2SO4 and Preparation of Activated Carbon. Water (Switzerland), 2022, 14, 183.	2.7	3
33	Improving removal rate and efficiency of As(V) by sulfide from strongly acidic wastewater in a modified photochemical reactor. Environmental Technology (United Kingdom), 2022, 43, 2329-2341.	2.2	1