

Huining Zhang

List of Publications by Year in descending order

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17
papers

977
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1099
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic denitrification: A review of important advances of the last 30 years. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 643-651.	2.6	361
2	Functionalization of 4-aminothiophenol and 3-aminopropyltriethoxysilane with graphene oxide for potential dye and copper removal. <i>Journal of Hazardous Materials</i> , 2016, 310, 179-187.	12.4	106
3	Efficient heavy metal removal from water by alginate-based porous nanocomposite hydrogels: The enhanced removal mechanism and influencing factor insight. <i>Journal of Hazardous Materials</i> , 2021, 418, 126358.	12.4	93
4	Microbial community in a hydrogenotrophic denitrification reactor based on pyrosequencing. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10829-10837.	3.6	83
5	Response and recovery of aerobic granular sludge to pH shock for simultaneous removal of aniline and nitrogen. <i>Chemosphere</i> , 2019, 221, 366-374.	8.2	58
6	Removal performance and microbial communities in a sequencing batch reactor treating hypersaline phenol-laden wastewater. <i>Bioresource Technology</i> , 2016, 218, 146-152.	9.6	57
7	Autotrophic denitrification by nitrate-dependent Fe(II) oxidation in a continuous up-flow biofilter. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 277-284.	3.4	51
8	Aerobic granular sludge shows enhanced resistances to the long-term toxicity of Cu(II). <i>Chemosphere</i> , 2020, 253, 126664.	8.2	34
9	Insights into the simultaneous nitrification, denitrification and phosphorus removal process for in situ sludge reduction and potential phosphorus recovery. <i>Science of the Total Environment</i> , 2021, 801, 149569.	8.0	28
10	Synthesis of KMnO_4 -treated magnetic graphene oxide nanocomposite ($\text{Fe}_3\text{O}_4/\text{GO}/\text{MnO}_x$) and its application for removing of Cu^{2+} ions from aqueous solution. <i>Nanotechnology</i> , 2018, 29, 135706.	2.6	27
11	Cr(VI) removal by combined redox reactions and adsorption using pectin-stabilized nanoscale zero-valent iron for simulated chromium contaminated water. <i>RSC Advances</i> , 2015, 5, 65068-65073.	3.6	26
12	Natural pyrite improved steel slag towards environmentally sustainable chromium reclamation from hexavalent chromium-containing wastewater. <i>Chemosphere</i> , 2021, 282, 130974.	8.2	17
13	Biosorption of Cr(VI) ions from aqueous solutions by a newly isolated <i>Bosea</i> sp. strain Zer-1 from soil samples of a refuse processing plant. <i>Canadian Journal of Microbiology</i> , 2015, 61, 399-408.	1.7	12
14	Autotrophic denitrification with anaerobic Fe^{2+} oxidation by a novel <i>Pseudomonas</i> sp. W1. <i>Water Science and Technology</i> , 2015, 71, 1081-1087.	2.5	12
15	In-situ fabrication of a phase continuous transition Bismuth iodide/Bismuth niobate heterojunction: Interface regulation and the enhanced photodegradation mechanism. <i>Chemical Physics</i> , 2022, 562, 111644.	1.9	6
16	A facile syntheses of two engineered poly(vinyl alcohol) macroporous hydrogel beads for the application of Cu(II) and Pb(II) removal: batch and fixed bed column. <i>Materials Research Express</i> , 2019, 6, 095315.	1.6	3
17	Magnetically Recoverable Cr and Mn Co-Doped $\text{Zn}_{0.95}\text{Cr}_{0.05}\text{MnAl}_2\text{O}_4$ Nanoparticles for Dye Degradation Under Simulated Sunlight Irradiation. <i>Journal of Electronic Materials</i> , 2020, 49, 6536-6546.	2.2	3