

Jing Lian

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

321
citations

933447

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839539

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19
all docs

19
docs citations

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292
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid start-up of the anammox process: Effects of five different sludge extracellular polymeric substances on the activity of anammox bacteria. <i>Bioresource Technology</i> , 2016, 220, 641-646.	9.6	47
2	Effects of resazurin on perchlorate reduction and bioelectricity generation in microbial fuel cells and its catalysing mechanism. <i>Biochemical Engineering Journal</i> , 2016, 114, 164-172.	3.6	38
3	Effect of thiosulfate on rapid start-up of sulfur-based reduction of high concentrated perchlorate: A study of kinetics, extracellular polymeric substances (EPS) and bacterial community structure. <i>Bioresource Technology</i> , 2017, 243, 932-940.	9.6	30
4	Bio-mixotrophic perchlorate reduction to control sulfate production in a step-feed sulfur-based reactor: A study of kinetics, ORP and bacterial community structure. <i>Bioresource Technology</i> , 2018, 269, 40-49.	9.6	30
5	Effects of a higher hydraulic shear force on denitrification granulation in upflow anoxic sludge blanket reactors. <i>Biochemical Engineering Journal</i> , 2016, 105, 136-143.	3.6	29
6	Rapid start-up of denitrifying granular sludge by dosing with semi-starvation fluctuation C/N ratio strategy. <i>Bioresource Technology</i> , 2017, 241, 945-950.	9.6	29
7	The effects of different electron donors and electron acceptors on perchlorate reduction and bioelectricity generation in a microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 544-552.	7.1	22
8	Efficient nitrogen removal in separate coupled-system of anammox and sulfur autotrophic denitrification with a nitrification side-branch under substrate fluctuation. <i>Science of the Total Environment</i> , 2019, 696, 133929.	8.0	22
9	Characteristics of electron transport chain and affecting factors for thiosulfate-driven perchlorate reduction. <i>Chemosphere</i> , 2017, 185, 539-547.	8.2	15
10	Perchlorate bioreduction by anaerobic granular sludge immobilised with Fe-HA complex: Performance, extracellular polymeric substances and microbial community structure. <i>Journal of Hazardous Materials</i> , 2020, 398, 122898.	12.4	15
11	Perchlorate reduction by anaerobic granular sludge under different operation strategies: Performance, extracellular polymeric substances and microbial community. <i>Bioresource Technology Reports</i> , 2019, 8, 100312.	2.7	11
12	Effects of non-dissolved redox mediators on a hexavalent chromium bioreduction process. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 292-298.	1.3	10
13	A study of the kinetics and the effect of trace elements on mixed anaerobic fermentative biogas production by ternary quadratic general rotary unitized design. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 90-99.	1.3	10
14	Effectively compound the heterojunction formed by flower-like Bi ₂ S ₃ and g-C ₃ N ₄ to enhance photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61148-61160.	5.3	4
15	Study of the dynamics and material transformation characteristics of nitrite denitrification in UASB. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 907-914.	1.3	3
16	Isolation and characterization of a perchlorate-reducing <i>Acinetobacter bereziniae</i> strain GWF. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 935-941.	1.3	3
17	Enhanced electrochemical oxidation of Acid Red 3R wastewater with iron phosphomolybdate supported catalyst. <i>Water Science and Technology</i> , 2015, 71, 848-855.	2.5	2
18	Preparation characteristics and accelerating denitrification effectiveness of polyamide 6 modified by AQS. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 1085-1091.	1.3	1