

Vojtech Kouba

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1040056

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15
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15
docs citations

15
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Rate Partial Nitrification of Municipal Wastewater after Psychrophilic Anaerobic Pretreatment. Environmental Science & Technology, 2017, 51, 11029-11038.	10.0	54
2	The impact of influent total ammonium nitrogen concentration on nitrite-oxidizing bacteria inhibition in moving bed biofilm reactor. Water Science and Technology, 2014, 69, 1227-1233.	2.5	32
3	Physiology of anammox adaptation to low temperatures and promising biomarkers: A review. Bioresource Technology, 2022, 349, 126847.	9.6	25
4	Applicability of one-stage partial nitrification and anammox in MBBR for anaerobically pre-treated municipal wastewater. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 965-975.	3.0	24
5	Good servant, bad master: sulfide influence on partial nitrification of sewage. Water Science and Technology, 2017, 76, 3258-3268.	2.5	22
6	Anaerobic Treatment of Wastewater in Colder Climates Using UASB Reactor and Anaerobic Membrane Bioreactor. Environmental Engineering Science, 2016, 33, 918-928.	1.6	13
7	Cold shocks of Anammox biofilm stimulate nitrogen removal at low temperatures. Biotechnology Progress, 2018, 34, 277-281.	2.6	13
8	How biomass growth mode affects ammonium oxidation start-up and NOB inhibition in the partial nitrification of cold and diluted reject water. Environmental Technology (United Kingdom), 2019, 40, 673-682.	2.2	13
9	On anammox activity at low temperature: Effect of ladderane composition and process conditions. Chemical Engineering Journal, 2022, 445, 136712.	12.7	12
10	Effect of temperature on the compositions of ladderane lipids in globally surveyed anammox populations. Science of the Total Environment, 2022, 830, 154715.	8.0	7
11	Adaptation of flocculent anammox culture to low temperature by cold shock: long-term response of the microbial population. Environmental Technology (United Kingdom), 2022, 43, 4403-4410.	2.2	6
12	Eliminace mikropolutantů z vod kombinací oxidací a sorpčních procesů v laboratorním měřítku. Entech, 2021, 4, 15-20.	0,1	0
13	Řádková odstranění dusíku procesem anammox z kalových a splaškových odpadních vod. Entech, 2019, 2, 1-5.	0,1	0