

Autotrophic Ammonia Removal Processes: Ecology to T

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Increased hydrazine during partial nitrification process in upflow air-lift reactor fed with supernatant of anaerobic digester effluent. Korean Journal of Chemical Engineering, 2013, 30, 1235-1240.	1.2	5
2	Feasibility and interest of the anammox process as treatment alternative for anaerobic digester supernatants in manure processing – An overview. Journal of Environmental Management, 2013, 131, 170-184.	3.8	98
3	Development of a simultaneous partial nitrification, anaerobic ammonia oxidation and denitrification (SNAD) bench scale process for removal of ammonia from effluent of a fertilizer industry. Bioresource Technology, 2013, 130, 390-397.	4.8	62
4	Feasibility of bioengineered two-stages sequential batch reactor and filtration adsorption process for complex agrochemical effluent. Bioresource Technology, 2013, 148, 334-342.	4.8	5
5	Organic pollutants removal and recovery from animal wastewater by mesoporous struvite precipitation. Desalination and Water Treatment, 2013, 51, 2776-2780.	1.0	23
6	The Effect of Influent Characteristics and Operational Conditions over the Performance and Microbial Community Structure of Partial Nitrification Reactors. Water (Switzerland), 2014, 6, 1905-1924.	1.2	44
7	Enhanced ammonia removal at room temperature by pH controlled partial nitrification and subsequent anaerobic ammonium oxidation. Environmental Technology (United Kingdom), 2014, 35, 383-390.	1.2	29
8	Laboratory study of nitrification, denitrification and anammox processes in membrane bioreactors considering periodic aeration. Journal of Environmental Management, 2014, 142, 53-59.	3.8	25
9	Comparison of development scenarios of a black water source-separation sanitation system using life cycle assessment and environmental life cycle costing. Resources, Conservation and Recycling, 2014, 92, 38-54.	5.3	35
10	Microbial characteristics and nitrogen removal of simultaneous partial nitrification, anammox and denitrification (SNAD) process treating low C/N ratio sewage. Bioresource Technology, 2014, 169, 103-109.	4.8	81
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12	Impact of methionine on a partial-nitrification biofilter. Environmental Science and Pollution Research, 2016, 23, 6651-6660.	2.7	11
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14	Ammonia removal and microbial characteristics of partial nitrification in biofilm and activated sludge treating low strength sewage at low temperature. Ecological Engineering, 2016, 93, 104-111.	1.6	31
15	Advances in the Treatment of Pulp and Paper Mill Wastewater. , 2016, , 47-72.		0
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17	Performance and microbial community of simultaneous anammox and denitrification (SAD) process in a sequencing batch reactor. Bioresource Technology, 2016, 218, 1064-1072.	4.8	59
18	Nitrogen removal via simultaneous partial nitrification, anammox and denitrification (SNAD) process under high DO condition. Biodegradation, 2016, 27, 195-208.	1.5	32

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19	Combination of complex adsorption and anammox for nitric oxide removal. <i>Journal of Hazardous Materials</i> , 2016, 312, 175-183.	6.5	16
20	Reactor performance and microbial characteristics of CANON process with step-wise increasing of C/N ratio. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 407-414.	1.2	3
21	Effects of carbon sources, COD/NO ₂ ⁻ -N ratios and temperature on the nitrogen removal performance of the simultaneous partial nitrification, anammox and denitrification (SNAD) biofilm. <i>Water Science and Technology</i> , 2017, 75, 1712-1721.	1.2	16
22	Performance and bacterial community structure of a granular autotrophic nitrogen removal bioreactor amended with high antibiotic concentrations. <i>Chemical Engineering Journal</i> , 2017, 325, 257-269.	6.6	52
23	Short-term and long-term effects of Zn (II) on the microbial activity and sludge property of partial nitrification process. <i>Bioresource Technology</i> , 2017, 228, 315-321.	4.8	31
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25	Research trends and hotspots related to ammonia oxidation based on bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20409-20421.	2.7	44
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27	Inhibition factors and Kinetic model for ammonium inhibition on the anammox process of the SNAD biofilm. <i>Journal of Environmental Sciences</i> , 2017, 53, 60-67.	3.2	15
28	Robustness and microbial consortia succession of simultaneous partial nitrification, ANAMMOX and denitrification (SNAD) process for mature landfill leachate treatment under low temperature. <i>Biochemical Engineering Journal</i> , 2018, 132, 112-121.	1.8	45
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38	Effect of free ammonia inhibition on process recovery of partial nitrification in a membrane bioreactor. <i>Bioresource Technology Reports</i> , 2019, 6, 152-158.	1.5	21
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45	Stepwise treatment of undiluted raw piggery wastewater, using three microalgal species adapted to high ammonia. <i>Chemosphere</i> , 2021, 263, 127934.	4.2	36
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58	Efficient nitrogen removal from leachate by coupling Anammox and sulfur-siderite-driven denitrification. <i>Science of the Total Environment</i> , 2022, 829, 154683.	3.9	14
59	Enhancing the efficiency of nitrogen removing bacterial population to a wide range of C:N ratio (1.5:1) Tj ETQq0 0 0 rgBT /Overlock 10 T 2022, 16, 1.	3.3	5
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