

# Haiyuan

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,252  
citations

331538

21  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and granulation cycle mechanisms of anammox-HAP coupled granule in the anammox EGSB reactor. <i>Water Research</i> , 2022, 210, 117968.	5.3	19
2	Corn-cob-pyrite bioretention system for enhanced dissolved nutrient treatment: Carbon source release and mixotrophic denitrification. <i>Chemosphere</i> , 2022, 306, 135534.	4.2	13
3	Nutrient augmentation enhances biogas production from sorghum mono-digestion. <i>Waste Management</i> , 2021, 119, 63-71.	3.7	13
4	Formation Mechanism of hydroxyapatite encapsulation in Anammox-HAP Coupled Granular Sludge. <i>Water Research</i> , 2021, 193, 116861.	5.3	35
5	Biofilm formation enhancement in anaerobic treatment of high salinity wastewater: Effect of biochar/Fe addition. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105603.	3.3	17
6	Efficient phosphorus recovery by enhanced hydroxyapatite formation in a high loading anammox expanded bed reactor at 15°C. <i>Chemical Engineering Journal</i> , 2021, 425, 130636.	6.6	24
7	Architecture of HAP-anammox granules contributed to high capacity and robustness of nitrogen removal under 7°C. <i>Water Research</i> , 2021, 206, 117764.	5.3	25
8	Study on the Influence of Sponge Road Bioretention Facility on the Stability of Subgrade Slope. <i>Water (Switzerland)</i> , 2021, 13, 3466.	1.2	3
9	The role of rice husk biochar addition in anaerobic digestion for sweet sorghum under high loading condition. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00515.	2.1	27
10	Simultaneous nitrogen removal and phosphorus recovery using an anammox expanded reactor operated at 25°C. <i>Water Research</i> , 2020, 172, 115510.	5.3	60
11	Bulking and floatation of the anammox-HAP granule caused by low phosphate concentration in the anammox reactor of expanded granular sludge bed (EGSB). <i>Bioresource Technology</i> , 2020, 310, 123421.	4.8	42
12	Successful operation performance and syntrophic micro-granule in partial nitrification and anammox reactor treating low-strength ammonia wastewater. <i>Water Research</i> , 2019, 155, 288-299.	5.3	174
13	Relationship of heme c, nitrogen loading capacity and temperature in anammox reactor. <i>Science of the Total Environment</i> , 2019, 659, 568-577.	3.9	90
14	Using Partial Nitrification and Anammox To Remove Nitrogen from Low-Strength Wastewater by Co-immobilizing Biofilm inside a Moving Bed Bioreactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1353-1361.	3.2	35
15	Stoichiometric variation and loading capacity of a high-loading anammox attached film expanded bed (AAEEB) reactor. <i>Bioresource Technology</i> , 2018, 253, 130-140.	4.8	63
16	Nutrient recovery technologies integrated with energy recovery by waste biomass anaerobic digestion. <i>Bioresource Technology</i> , 2018, 269, 520-531.	4.8	148
17	Enhanced Simultaneous Nitrogen and Phosphorus Removal Performance by Anammox-HAP Symbiotic Granules in the Attached Film Expanded Bed Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10989-10998.	3.2	48
18	A new process for simultaneous nitrogen removal and phosphorus recovery using an anammox expanded bed reactor. <i>Bioresource Technology</i> , 2018, 267, 201-208.	4.8	62

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19	Substrate inhibition and concentration control in an UASB-Anammox process. <i>Bioresource Technology</i> , 2017, 238, 263-272.	4.8	61
20	Effects of substrate shock on extracellular polymeric substance (EPS) excretion and characteristics of attached biofilm anammox granules. <i>RSC Advances</i> , 2016, 6, 113289-113297.	1.7	53
21	Effects of soluble microbial products (SMP) on the performance of an anammox attached film expanded bed (AAFEB) reactor: Synergistic interaction and toxic shock. <i>Bioresource Technology</i> , 2016, 222, 261-269.	4.8	25
22	Long-term operation performance and variation of substrate tolerance ability in an anammox attached film expanded bed (AAFEB) reactor. <i>Bioresource Technology</i> , 2016, 211, 31-40.	4.8	57
23	Operation stability and recovery performance in an Anammox EGSB reactor after pH shock. <i>Ecological Engineering</i> , 2016, 90, 50-56.	1.6	35
24	Reactor kinetics evaluation and performance investigation of a long-term operated UASB-anammox mixed culture process. <i>International Biodeterioration and Biodegradation</i> , 2016, 108, 24-33.	1.9	28
25	Process stability and the recovery control associated with inhibition factors in a UASB-anammox reactor with a long-term operation. <i>Bioresource Technology</i> , 2016, 203, 132-141.	4.8	57
26	The Treatment Performance and the Bacteria Preservation of Anammox: A Review. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	38