

# Yan He

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

359  
citations

758635

12  
h-index

839053

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogeochemical sulfur cycling coupling with dissimilatory nitrate reduction processes in freshwater sediments. <i>Environmental Reviews</i> , 2018, 26, 121-132.	2.1	52
2	Use of multiple water surface flow constructed wetlands for non-point source water pollution control. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5355-5368.	1.7	40
3	Artificial floating islands for water quality improvement. <i>Environmental Reviews</i> , 2017, 25, 350-357.	2.1	36
4	The coupling of mixotrophic denitrification, dissimilatory nitrate reduction to ammonium (DNRA) and anaerobic ammonium oxidation (anammox) promoting the start-up of anammox by addition of calcium nitrate. <i>Bioresource Technology</i> , 2021, 341, 125822.	4.8	22
5	Impact of aeration disturbances on endogenous phosphorus fractions and their algae growth potential from malodorous river sediment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8062-8070.	2.7	19
6	Sustainability of riparian zones for non-point source pollution control in Chongming Island: Status, challenges, and perspectives. <i>Journal of Cleaner Production</i> , 2020, 244, 118804.	4.6	19
7	Evaluation of extraction and purification methods for obtaining PCR-amplifiable DNA from aged refuse for microbial community analysis. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 2043-2051.	1.7	18
8	Role of Aerated Turbulence in the Fate of Endogenous Nitrogen from Malodorous River Sediments. <i>Environmental Engineering Science</i> , 2013, 30, 11-16.	0.8	17
9	Performances of simultaneous removal of trace-level ofloxacin and sulfamethazine by different ozonation-based treatments. <i>Journal of Cleaner Production</i> , 2020, 277, 124120.	4.6	17
10	Calcium nitrate as a bio-stimulant for anaerobic ammonium oxidation process. <i>Science of the Total Environment</i> , 2021, 760, 143331.	3.9	17
11	Screening and optimizing of inhibitors for ammonia-oxidizing bacteria in sediments of malodorous river. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6193-6203.	1.7	15
12	Dynamics of nitrogen transformation and bacterial community with different aeration depths in malodorous river. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 196.	1.7	13
13	Ecological revegetations for enhanced interception of nonpoint source pollutants: a review. <i>Environmental Reviews</i> , 2020, 28, 262-268.	2.1	11
14	Feasibility of iron scraps for enhancing nitrification of domestic wastewater at low temperatures. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26819-26827.	2.7	11
15	Field assessment of stratified aged-refuse-based reactor for landfill leachate treatment. <i>Waste Management and Research</i> , 2011, 29, 1294-1302.	2.2	7
16	Molecular phylogenetic analysis of dominant microbial populations in aged refuse. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1037-1045.	1.7	7
17	Assessment and analysis of aged refuse as ammonium-removal media for the treatment of landfill leachate. <i>Waste Management and Research</i> , 2017, 35, 1168-1174.	2.2	7
18	Assessment of land occupation of municipal wastewater treatment plants in China. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1988-1996.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Preparation of poly ferric sulfate and the application in micro-polluted raw water treatment. Journal of the Chinese Advanced Materials Society, 2013, 1, 210-218.	0.7	5
20	Influence of sulfate reduction on fraction and regeneration of phosphorus at sediment-water interface of urban malodorous river. Environmental Science and Pollution Research, 2021, 28, 11540-11548.	2.7	5
21	Responses of Ammonia-Oxidizing Archaea and Bacteria in Malodorous River Sediments to Different Remediation Techniques. Microbial Ecology, 2021, 81, 314-322.	1.4	5
22	Quantitative characterization and genetic diversity associated with N-cycle pathways in urban rivers with different remediation techniques. Science of the Total Environment, 2022, 804, 150235.	3.9	4
23	A comprehensive assessment of upgrading technologies of wastewater treatment plants in Taihu Lake Basin. Environmental Research, 2022, 212, 113398.	3.7	4
24	Assessment of Inocula and N-Removal Performance of Anaerobic Ammonium Oxidation (ANAMMOX) for the Treatment of Aged Landfill Leachates. Advanced Materials Research, 2012, 518-523, 2391-2398.	0.3	1
25	The application of <sup>15</sup> N isotope tracer in differentiating denitrification, anammox and DNRA during anammox start-up by adding calcium nitrate. MethodsX, 2021, 8, 101560.	0.7	0