

Sherif Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

545
citations

567281

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h-index

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22
docs citations

22
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy saving anammox technology-based nitrogen removal and bioenergy recovery from wastewater: Inhibition mechanisms, state-of-the-art control strategies, and prospects. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110126.	16.4	89
2	Evaluation and optimization of anammox baffled reactor (AnBR) by artificial neural network modeling and economic analysis. <i>Bioresource Technology</i> , 2019, 271, 500-506.	9.6	45
3	The environmental distribution and removal of emerging pollutants, highlighting the importance of using microbes as a potential degrader: A review. <i>Science of the Total Environment</i> , 2022, 809, 151926.	8.0	40
4	Physico-chemical and microbial characterization of compartment-wise profiles in an anammox baffled reactor. <i>Journal of Environmental Management</i> , 2019, 232, 875-886.	7.8	33
5	Unraveling the capability of graphene nanosheets and \hat{I}^3 -Fe ₂ O ₃ nanoparticles to stimulate anammox granular sludge. <i>Journal of Environmental Management</i> , 2021, 277, 111495.	7.8	33
6	Harvesting biohydrogen from industrial wastewater: Production potential, pilot-scale bioreactors, commercialization status, techno-economics, and policy analysis. <i>Journal of Cleaner Production</i> , 2022, 340, 130809.	9.3	33
7	Performance of passive aerated immobilized biomass reactor coupled with Fenton process for treatment of landfill leachate. <i>International Biodeterioration and Biodegradation</i> , 2016, 111, 22-30.	3.9	32
8	Biohydrogen production from real industrial wastewater: Potential bioreactors, challenges in commercialization and future directions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 37154-37170.	7.1	30
9	Treatment of hazardous landfill leachate using Fenton process followed by a combined (UASB/DHS) system. <i>Water Science and Technology</i> , 2016, 73, 1700-1708.	2.5	27
10	Techno-economic feasibility of energy-saving self-aerated sponge tower combined with up-flow anaerobic sludge blanket reactor for treatment of hazardous landfill leachate. <i>Journal of Water Process Engineering</i> , 2020, 37, 101415.	5.6	22
11	Fatigue of anammox consortia under long-term 1,4-dioxane exposure and recovery potential: N-kinetics and microbial dynamics. <i>Journal of Hazardous Materials</i> , 2021, 414, 125533.	12.4	21
12	Post-treatment of anaerobic effluent containing 1,4-dioxane and heavy metals via auto-aerated down-flow hanging luffa (ADHL) system. <i>Chemical Engineering Research and Design</i> , 2018, 117, 22-32.	5.6	20
13	Response of anammox bacteria to short-term exposure of 1,4-dioxane: Bacterial activity and community dynamics. <i>Separation and Purification Technology</i> , 2021, 266, 118539.	7.9	19
14	Sustainable microalgal biomass valorization to bioenergy: Key challenges and future perspectives. <i>Chemosphere</i> , 2022, 296, 133812.	8.2	18
15	Methods to alleviate the inhibition of sludge anaerobic digestion by emerging contaminants: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 3811-3836.	16.2	18
16	Insight into impact of sewage discharge on microbial dynamics and pathogenicity in river ecosystem. <i>Scientific Reports</i> , 2022, 12, 6894.	3.3	15
17	Recent Approaches for the Production of High Value-Added Biofuels from Gelatinous Wastewater. <i>Energies</i> , 2021, 14, 4936.	3.1	13
18	Feasibility of Partial Nitrification Combined with Nitrite-Denitrification Phosphorus Removal and Simultaneous Nitrification“Endogenous Denitrification for Synchronous Chemical Oxygen Demand, Nitrogen, and Phosphorus Removal. <i>ACS ES&T Water</i> , 2022, 2, 1119-1131.	4.6	11

#	ARTICLE	IF	CITATIONS
19	Comprehensive study for Anammox process via multistage anaerobic baffled reactors. E3S Web of Conferences, 2017, 22, 00068.	0.5	10
20	Widespread but Overlooked DNRA Process in a Full-Scale Simultaneous Partial Nitrification, Anammox, and Denitrification Plant. ACS ES&T Water, 2022, 2, 1360-1369.	4.6	8
21	Hydroxypropyl- β -cyclodextrin improves the removal of polycyclic aromatic hydrocarbons by aerobic granular sludge. Environmental Technology (United Kingdom), 2022, 43, 3262-3268.	2.2	5
22	Partition of Anammox and Nitrifiers Through Bio-Carriers for Full-Scale Sidestream Partial Nitrification-Anammox Plant. Frontiers in Bioengineering and Biotechnology, 2022, 10, 819937.	4.1	3