Moustapha Harb

List of Publications by Citations

20 papers	578 citations	12 h-index	21 g-index
21 ext. papers	758 ext. citations	6.9 avg, IF	4.46 L-index

#	Paper	IF	Citations
20	Removal of bacterial contaminants and antibiotic resistance genes by conventional wastewater treatment processes in Saudi Arabia: Is the treated wastewater safe to reuse for agricultural irrigation?. *Water Research*, **2015**, 73, 277-90	12.5	133
19	Sustainable organic loading rate and energy recovery potential of mesophilic anaerobic membrane bioreactor for municipal wastewater treatment. *Bioresource Technology*, **2014**, 166, 326-34	11	68
18	Organic micropollutants in aerobic and anaerobic membrane bioreactors: Changes in microbial communities and gene expression. *Bioresource Technology*, **2016**, 218, 882-91	11	51
17	Evaluating Antibiotic Resistance Gene Correlations with Antibiotic Exposure Conditions in Anaerobic Membrane Bioreactors. *Environmental Science & Technology*, **2019**, 53, 3599-3609	10.3	47
16	Characterization of biofoulants illustrates different membrane fouling mechanisms for aerobic and anaerobic membrane bioreactors. *Separation and Purification Technology*, **2016**, 157, 192-202	8.3	40
15	Differences in microbial communities and performance between suspended and attached growth anaerobic membrane bioreactors treating synthetic municipal wastewater. *Environmental Science: Water Research and Technology*, **2015**, 1, 800-813	4.2	37
14	Molecular-based detection of potentially pathogenic bacteria in membrane bioreactor (MBR) systems treating municipal wastewater: a case study. *Environmental Science and Pollution Research*, **2017**, 24, 5370-5380	5.1	33
13	Performance and microbial community variations of anaerobic digesters under increasing tetracycline concentrations. *Applied Microbiology and Biotechnology*, **2017**, 101, 5505-5517	5.7	32
12	Perspectives on the fate of micropollutants in mainstream anaerobic wastewater treatment. *Current Opinion in Biotechnology*, **2019**, 57, 94-100	11.4	29
11	Anaerobic Membrane Bioreactor Effluent Reuse: A Review of Microbial Safety Concerns. *Fermentation*, **2017**, 3, 39	4.7	23
10	Molecular-based approaches to characterize coastal microbial community and their potential relation to the trophic state of Red Sea. *Scientific Reports*, **2015**, 5, 9001	4.9	21
9	Emerging investigators series: revisiting greenhouse gas mitigation from conventional activated sludge and anaerobic-based wastewater treatment systems. *Environmental Science: Water Research and Technology*, **2018**, 4, 1739-1758	4.2	16
8	Microbial community and antibiotic resistance profiles of biomass and effluent are distinctly affected by antibiotic addition to an anaerobic membrane bioreactor. *Environmental Science: Water Research and Technology*, **2020**, 6, 724-736	4.2	11
7	Background Antibiotic Resistance and Microbial Communities Dominate Effects of Advanced Purified Water Recharge to an Urban Aquifer. *Environmental Science and Technology Letters*, **2019**, 6, 578-584	11	10
6	Application of hierarchical oligonucleotide primer extension (HOPE) to assess relative abundances of ammonia- and nitrite-oxidizing bacteria. *BMC Microbiology*, **2017**, 17, 85	4.5	8
5	Membrane Fouling Inversely Impacts Intracellular and Extracellular Antibiotic Resistance Gene Abundances in the Effluent of an Anaerobic Membrane Bioreactor. *Environmental Science & Technology*, **2020**, 54, 12742-12751	10.3	6
4	Increased applied voltage in the presence of GAC enhances microbial activity and methane production during anaerobic digestion of food waste. *Environmental Science: Water Research and Technology*, **2020**, 6, 737-746	4.2	4

3	Considering the Prospect of Utilizing Anaerobic Membrane Biofouling Layers Advantageously for the Removal of Emerging Contaminants. *Frontiers in Chemical Engineering*, **2021**, 3,	1	4
2	Antibiotic transformation in an anaerobic membrane bioreactor linked to membrane biofilm microbial activity. *Environmental Research*, **2021**, 200, 111456	7.9	3
1	Livestock manure improved antibiotic resistance gene removal during co-treatment of domestic wastewater in an anaerobic membrane bioreactor. *Environmental Science: Water Research and Technology*, **2020**, 6, 2832-2842	4.2	2