

# Zubair Ahmed

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

692  
citations

840776

11  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of sludge retention time on membrane fouling and microbial community structure in a membrane bioreactor. <i>Journal of Membrane Science</i> , 2007, 287, 211-218.	8.2	236
2	Boron removal by electrocoagulation and recovery. <i>Water Research</i> , 2014, 51, 113-123.	11.3	134
3	Biological nitrogen and phosphorus removal and changes in microbial community structure in a membrane bioreactor: Effect of different carbon sources. <i>Water Research</i> , 2008, 42, 198-210.	11.3	75
4	Production and applications of crude polyhydroxyalkanoate-containing bioplastic from the organic fraction of municipal solid waste. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 725-738.	3.5	60
5	Nitrate removal by simultaneous sulfur utilizing autotrophic and heterotrophic denitrification under different organics and alkalinity conditions: batch experiments. <i>Water Science and Technology</i> , 2003, 47, 237-244.	2.5	52
6	Electrochemical removal of boron from produced water and recovery. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1962-1973.	6.7	18
7	Effects of the internal recycling rate on biological nutrient removal and microbial community structure in a sequential anoxic/anaerobic membrane bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2006, 30, 61-69.	3.4	17
8	Biodegradation of toluene using <i>Candida tropicalis</i> immobilized on polymer matrices in fluidized bed bioreactors. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 316-322.	12.4	14
9	Enhanced toluene removal using granular activated carbon and a yeast strain <i>Candida tropicalis</i> in bubble-column bioreactors. <i>Journal of Hazardous Materials</i> , 2010, 176, 849-855.	12.4	13
10	Flux model for the membrane distillation process to treat wastewater: Effect of solids concentration. <i>Journal of Membrane Science</i> , 2018, 566, 396-405.	8.2	13
11	Estimation of N <sub>2</sub> O emission during wastewater nitrification with activated sludge: Effect of ammonium and nitrite concentration by regression analysis. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2574-2579.	5.8	12
12	Nitrification and denitrification using biofilters packed with sulfur and limestone at a pilot-scale municipal wastewater treatment plant. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1271-1278.	2.2	11
13	Microbial Communities in Nutrient-removing Membrane Bioreactors: A Review. <i>Journal of Environmental Science and Technology</i> , 2011, 5, 16-28.	0.3	11
14	Biodegradation of two model estrogenic compounds in a preanoxic/anaerobic nutrient removing membrane bioreactor. <i>Desalination</i> , 2009, 243, 265-272.	8.2	10
15	Addition of ferric chloride in anaerobic digesters to enhance sulphide removal and methanogenesis. , 0, 79, 64-72.		5
16	Kinetic, thermodynamic, and equilibrium studies for adsorption of ammonium ion on modified polyurethane. <i>Desalination and Water Treatment</i> , 2016, 57, 14849-14857.	1.0	4
17	Adsorption of Aluminum Ion from Water on Alginate-Modified Polyurethane. <i>Journal of Chemical Engineering of Japan</i> , 2011, 44, 247-255.	0.6	3
18	Removal of gaseous toluene using immobilized <i>Candida tropicalis</i> in a fluidized bed bioreactor. <i>3 Biotech</i> , 2011, 1, 111-116.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Enhancement of Phosphorus Removal in a Polyurethane Compressible Media Filtration System with Coagulation. Journal of Chemical Engineering of Japan, 2008, 41, 525-530.	0.6	2