Abid Ali Khan

List of Publications by Year
in descending order

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44 papers	911 citations	516710 16 h-index	477307 29 g-index
44 all docs	44 docs citations	44 times ranked	1017 citing authors

#	Article	IF	Citations
1	Optimization of process parameters for enhanced biogas yield from anaerobic co-digestion of OFMSW and bio-solids. Biomass Conversion and Biorefinery, 2022, 12, 607-618.	4.6	16
2	Environmental resilience and sustainability through green technologies: A case evidence from rural coastal India. Environmental Engineering Research, 2022, 27, 210262-0.	2.5	3
3	Selecting suitable seed sludge for anammox enrichment: Role of influent characteristics and reactor operational conditions. Bioresource Technology, 2022, 347, 126719.	9.6	10
4	Potential strategies for the mainstream application of anammox in treatment of anaerobic effluents - A review. Critical Reviews in Environmental Science and Technology, 2021, 51, 2567-2594.	12.8	6
5	Microbial community dynamics in anaerobic digesters treating organic fraction of municipal solid waste. Environmental Technology and Innovation, 2021, 21, 101303.	6.1	20
6	Cultivation of anaerobic ammonium oxidizing bacteria (<scp>AnAOB</scp>) using different sewage sludge inoculums: process performance and microbial community analysis. Journal of Chemical Technology and Biotechnology, 2021, 96, 454-464.	3.2	8
7	Carbon-based conductive materials facilitated anaerobic co-digestion of agro waste under thermophilic conditions. Waste Management, 2021, 124, 17-25.	7.4	24
8	Recent technologies for nutrient removal and recovery from wastewaters: A review. Chemosphere, 2021, 277, 130328.	8.2	56
9	Enhancing methane production in anaerobic digestion through hydrogen assisted pathways â€“ A state-of-the-art review. Renewable and Sustainable Energy Reviews, 2021, 151, 111536.	16.4	53
10	Performance and Sustainability Assessment of Full-Scale Sewage Treatment Plants in Northern India Using Multiple-Criteria Decision-Making Methods. Journal of Environmental Engineering, ASCE, 2021, 147, .	1.4	1
11	Performance assessment of aerobic granulation for the post treatment of anaerobic effluents. Environmental Technology and Innovation, 2020, 17, 100588.	6.1	7
12	Future liasing of the lockdown during COVID-19 pandemic: The dawn is expected at hand from the darkest hour. Groundwater for Sustainable Development, 2020, 11, 100433.	4.6	12
13	Options for Enhanced Anaerobic Digestion of Waste and Biomassâ€”a Review. Journal of Biosystems Engineering, 2020, 45, 1-15.	2.5	19
14	Feasibility of Aquatic Plants for Nutrient Removal from Municipal Sewage in Smart Cities. Lecture Notes in Civil Engineering, 2020, , 377-385.	0.4	0
15	Observation of biogas production by sugarcane bagasse and food waste in different composition combinations. Energy, 2019, 185, 1100-1105.	8.8	42
16	Anaerobic co-digestion of thermal pre-treated sugarcane bagasse using poultry waste. Journal of Environmental Chemical Engineering, 2019, 7, 103323.	6.7	21
17	Effect of substrate ratio on biogas yield for anaerobic co-digestion of fruit vegetable waste & sugarcane bagasse. Environmental Technology and Innovation, 2019, 13, 331-339.	6.1	38
18	Anaerobic and aerobic sewage treatment plants in Northern India: Two years intensive evaluation and perspectives. Environmental Technology and Innovation, 2019, 15, 100396.	6.1	15

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19	Dependence of enhanced biological nitrogen removal on carbon to nitrogen and rbCOD to sbCOD ratios during sewage treatment in sequencing batch reactor. Journal of Cleaner Production, 2018, 171, 1244-1254.	9.3	28
20	Performance of Full-Scale UASB Reactors Treating Low or Medium Strength Municipal Wastewater. Environmental Processes, 2017, 4, 137-146.	3.5	18
21	Effect of thermal pre-treatment on co-digestion of duckweed (Lemna gibba) and waste activated sludge on biogas production. Chemosphere, 2017, 174, 754-763.	8.2	60
22	Reduced sludge growth at high bulk liquor dissolved oxygen induced by increased secondary cell maintenance. Chemosphere, 2017, 184, 636-641.	8.2	1
23	Removal of Reduced Species from the Effluent of UASB Reactor Treating Domestic Wastewater. Journal of Environmental Engineering, ASCE, 2016, 142, 04016060.	1.4	3
24	Hormonally active agents in the environment: a state-of-the-art review. Reviews on Environmental Health, 2016, 31, 415-433.	2.4	14
25	Operation and maintenance of sewerage systems: present challenges and possible solutionsâ€"an Indian experience. Desalination and Water Treatment, 2016, 57, 2887-2902.	1.0	2
26	Feasibility of phosphate precipitation from digested anaerobic sludge in a continuous aerated reactor. Desalination and Water Treatment, 2016, 57, 24450-24455.	1.0	1
27	NEREDAÂ®: an emerging technology for sewage treatment. Water Practice and Technology, 2015, 10, 799-805.	2.0	9
28	Specific oxygen uptake rate gradient â€“ Another possible cause of excess sludge reduction in oxic-settling-anaerobic (OSA) process. Chemical Engineering Journal, 2015, 281, 613-622.	12.7	31
29	Sludge profiling at varied organic loadings and performance evaluation of UASB reactor treating sewage. Biosystems Engineering, 2015, 131, 32-40.	4.3	20
30	Performance assessment of different STPs based on UASB followed by aerobic post treatment systems. Journal of Environmental Health Science & Engineering, 2014, 12, 43.	3.0	29
31	Integration of Stormwater Drains with Lakes: Expectations and Reality - A Case of Raipur, India. Hydrology Current Research, 2014, 05, .	0.4	3
32	Continuous biohydrogen production from fruit wastewater at low pH conditions. Bioprocess and Biosystems Engineering, 2013, 36, 965-974.	3.4	10
33	Continuous fill intermittent decant type sequencing batch reactor application to upgrade the UASB treated sewage. Bioprocess and Biosystems Engineering, 2013, 36, 627-634.	3.4	14
34	Impairment in water quality of Ganges River and consequential health risks on account of mass ritualistic bathing. Desalination and Water Treatment, 2013, 51, 2121-2129.	1.0	31
35	Fecal coliform removal from the effluent of UASB reactor through diffused aeration. Desalination and Water Treatment, 2012, 39, 41-44.	1.0	7
36	Effects of multi-metal toxicity on the performance of sewage treatment system during the festival of colors (Holi) in India. Environmental Monitoring and Assessment, 2012, 184, 7517-7529.	2.7	3

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37	Characterization of denitrifying granular sludge with and without the addition of external carbon source. Bioresource Technology, 2012, 124, 413-420.	9.6	37
38	UASB/Flash aeration enable complete treatment of municipal wastewater for reuse. Bioprocess and Biosystems Engineering, 2012, 35, 907-913.	3.4	11
39	Role of volume exchange ratio and non-aeration time in spillage of nitrogen in continuously fed and intermittently decanted sequencing batch reactor. Chemical Engineering Journal, 2012, 191, 75-84.	12.7	6
40	Sustainable options of post treatment of UASB effluent treating sewage: A review. Resources, Conservation and Recycling, 2011, 55, 1232-1251.	10.8	138
41	Effect of Aeration on the Quality of Effluent from UASB Reactor Treating Sewage. Journal of Environmental Engineering, ASCE, 2011, 137, 464-471.	1.4	17
42	Enhancement of Coagulation Flocculation Process Using Anionic Polymer for the Post Treatment of UASB Reactor Effluent. Separation Science and Technology, 2010, 45, 626-634.	2.5	15
43	Slow sand filtration of UASB reactor effluent: A promising post treatment technique. Desalination, 2009, 249, 571-576.	8.2	52
44	Fecal coliform removal from the effluent of UASB reactor through diffused aeration. , 0, 39, 41-44.		0