

Abid Ali Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Sustainable options of post treatment of UASB effluent treating sewage: A review. Resources, Conservation and Recycling, 2011, 55, 1232-1251.	10.8	138
2	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
3	Recent technologies for nutrient removal and recovery from wastewaters: A review. Chemosphere, 2021, 277, 130328.	8.2	56
4	Enhancing methane production in anaerobic digestion through hydrogen assisted pathways – A state-of-the-art review. Renewable and Sustainable Energy Reviews, 2021, 151, 111536.	16.4	53
5	Slow sand filtration of UASB reactor effluent: A promising post treatment technique. Desalination, 2009, 249, 571-576.	8.2	52
6	Observation of biogas production by sugarcane bagasse and food waste in different composition combinations. Energy, 2019, 185, 1100-1105.	8.8	42
7	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
8	Characterization of denitrifying granular sludge with and without the addition of external carbon source. Bioresource Technology, 2012, 124, 413-420.	9.6	37
9	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
10	Specific oxygen uptake rate gradient – Another possible cause of excess sludge reduction in oxix-settling-anaerobic (OSA) process. Chemical Engineering Journal, 2015, 281, 613-622.	12.7	31
11	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
12	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
13	Carbon-based conductive materials facilitated anaerobic co-digestion of agro waste under thermophilic conditions. Waste Management, 2021, 124, 17-25.	7.4	24
14	Anaerobic co-digestion of thermal pre-treated sugarcane bagasse using poultry waste. Journal of Environmental Chemical Engineering, 2019, 7, 103323.	6.7	21
15	Sludge profiling at varied organic loadings and performance evaluation of UASB reactor treating sewage. Biosystems Engineering, 2015, 131, 32-40.	4.3	20
16	Microbial community dynamics in anaerobic digesters treating organic fraction of municipal solid waste. Environmental Technology and Innovation, 2021, 21, 101303.	6.1	20
17	Options for Enhanced Anaerobic Digestion of Waste and Biomass – a Review. Journal of Biosystems Engineering, 2020, 45, 1-15.	2.5	19
18	Performance of Full-Scale UASB Reactors Treating Low or Medium Strength Municipal Wastewater. Environmental Processes, 2017, 4, 137-146.	3.5	18

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19	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
20	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
21	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
22	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
23	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
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	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
26	UASB/Flash aeration enable complete treatment of municipal wastewater for reuse. Bioprocess and Biosystems Engineering, 2012, 35, 907-913.	3.4	11
27	Continuous biohydrogen production from fruit wastewater at low pH conditions. Bioprocess and Biosystems Engineering, 2013, 36, 965-974.	3.4	10
28	Selecting suitable seed sludge for anammox enrichment: Role of influent characteristics and reactor operational conditions. Bioresource Technology, 2022, 347, 126719.	9.6	10
29	NEREDA [®] : an emerging technology for sewage treatment. Water Practice and Technology, 2015, 10, 799-805.	2.0	9
30	Cultivation of anaerobic ammonium oxidizing bacteria (<sc>AnAOB</sc>) using different sewage sludge inoculums: process performance and microbial community analysis. Journal of Chemical Technology and Biotechnology, 2021, 96, 454-464.	3.2	8
31	Fecal coliform removal from the effluent of UASB reactor through diffused aeration. Desalination and Water Treatment, 2012, 39, 41-44.	1.0	7
32	Performance assessment of aerobic granulation for the post treatment of anaerobic effluents. Environmental Technology and Innovation, 2020, 17, 100588.	6.1	7
33	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
34	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
35	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
36	Removal of Reduced Species from the Effluent of UASB Reactor Treating Domestic Wastewater. Journal of Environmental Engineering, ASCE, 2016, 142, 04016060.	1.4	3

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37	Environmental resilience and sustainability through green technologies: A case evidence from rural coastal India. <i>Environmental Engineering Research</i> , 2022, 27, 210262-0.	2.5	3
38	Integration of Stormwater Drains with Lakes: Expectations and Reality - A Case of Raipur, India. <i>Hydrology Current Research</i> , 2014, 05, .	0.4	3
39	Operation and maintenance of sewerage systems: present challenges and possible solutionsâ€”an Indian experience. <i>Desalination and Water Treatment</i> , 2016, 57, 2887-2902.	1.0	2
40	Feasibility of phosphate precipitation from digested anaerobic sludge in a continuous aerated reactor. <i>Desalination and Water Treatment</i> , 2016, 57, 24450-24455.	1.0	1
41	Reduced sludge growth at high bulk liquor dissolved oxygen induced by increased secondary cell maintenance. <i>Chemosphere</i> , 2017, 184, 636-641.	8.2	1
42	Performance and Sustainability Assessment of Full-Scale Sewage Treatment Plants in Northern India Using Multiple-Criteria Decision-Making Methods. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	1.4	1
43	Fecal coliform removal from the effluent of UASB reactor through diffused aeration. , 0, 39, 41-44.		0
44	Feasibility of Aquatic Plants for Nutrient Removal from Municipal Sewage in Smart Cities. <i>Lecture Notes in Civil Engineering</i> , 2020, , 377-385.	0.4	0