

A review on anaerobic–aerobic treatment of industrial

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Application of anaerobic fluidized bed reactors in wastewater treatment: a review. Management of Environmental Quality, 2000, 11, 97-117.	0.4	19
2	Treatment of oilfield produced water by anaerobic process coupled with micro-electrolysis. Journal of Environmental Sciences, 2010, 22, 1875-1882.	6.1	60
3	Performance of two combined anaerobic-aerobic biofilters packed with clay or plastic media for the treatment of highly concentrated effluent. Desalination, 2010, 253, 141-146.	8.2	15
4	Biological treatment of whey in an UASFF bioreactor followed a three-stage RBC. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 175-182.	0.7	17
5	Anaerobic Treatment of Low-Strength Wastewater by a Biofilm Reactor. , 2010, , 445-496.		2
6	Notice of Retraction: Anaerobic Granulation in Expanded Granular Sludge Bed (EGSB) Reactor Seeded with Digestion Sludge for Treatment of Actual Coking Wastewater. , 2011, , .		0
7	Effect of bioaugmentation on anaerobic wastewater treatment in the dairy industry. Journal of Dairy Science, 2011, 94, 4389-4397.	3.4	17
9	Performance of a sequential anaerobic baffled reactor (ABR)/membrane bioreactor (MBR) system treating caffeine wastewater. , 2011, , .		1
10	Microalgal bacterial floc properties are improved by a balanced inorganic/organic carbon ratio. Biotechnology and Bioengineering, 2011, 108, 549-558.	3.3	70
11	Remediation of phenol-contaminated water by adsorption using poly(methyl methacrylate) (PMMA). Chemical Engineering Journal, 2011, 168, 691-699.	12.7	106
12	A multiscale approach for studying an anaerobic multiphase bioreactor. Chemical Engineering Science, 2011, 66, 3423-3431.	3.8	15
13	Extractive biofilm membrane bioreactor with energy recovery from excess aeration and new membrane fouling control. Bioresource Technology, 2011, 102, 2301-2307.	9.6	8
14	Performance of down-flow hanging sponge (DHS) reactor coupled with up-flow anaerobic sludge blanket (UASB) reactor for treatment of onion dehydration wastewater. Bioresource Technology, 2011, 102, 7029-7035.	9.6	30
15	The treatment of brewery wastewater for reuse: State of the art. Desalination, 2011, 273, 235-247.	8.2	254
16	Leachate treatment by swim-bed bio fringe technology. Desalination, 2011, 276, 278-286.	8.2	21
17	Application research of anoxic-aerobic biofilter on removing xanthate from beneficiation wastewater. , 2011, , .		0
18	Computer Simulating Effluent Quality of Vertical Tube Biological Reactor Using Support Vector Machine. Advanced Materials Research, 0, 219-220, 322-326.	0.3	0
19	Anaerobic treatment of a medium strength industrial wastewater at low-temperature and short hydraulic retention time: a pilot-scale experience. Water Science and Technology, 2011, 64, 1629-1635.	2.5	14

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20	Biotechnological Utilization with a Focus on Anaerobic Treatment of Cheese Whey: Current Status and Prospects. <i>Energies</i> , 2012, 5, 3492-3525.	3.1	92
21	Anaerobic/aerobic/coagulation treatment of leachate from a municipal solid wastes incineration plant. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 927-935.	2.2	17
22	Effect of Low Concentration Cyanide on Startup of Expanded Granular Sludge Bed for the Treatment of Tapioca Starch Wastewater. <i>Advanced Materials Research</i> , 2012, 518-523, 2493-2499.	0.3	4
23	Effect of Operation Conditions on Performance of Treating Actual Domestic Wastewater Bioreactor at Ambient Temperature. <i>Advanced Materials Research</i> , 0, 610-613, 1491-1496.	0.3	0
24	Microscale Investigation of Anaerobic Biogas Production under Various Hydrodynamic Conditions. <i>Environmental Science & Technology</i> , 2012, 46, 8698-8704.	10.0	19
25	Simultaneous removal of carbon and nutrients from an industrial estate wastewater in a single up-flow aerobic/anoxic sludge bed (UAASB) bioreactor. <i>Water Research</i> , 2012, 46, 4587-4598.	11.3	49
26	Development of an in situ dissolved oxygen measurement system and calculation of its effective diffusion coefficient in a biofilm. <i>Analytical Methods</i> , 2012, 4, 2242.	2.7	16
27	Automation strategies for dissolved oxygen control in real activated-sludge plants. , 2012, , .		0
28	UASB-A/O-BAF treatment of high strength wastewater: a case study for soybean protein wastewater. <i>Desalination and Water Treatment</i> , 2012, 47, 24-30.	1.0	5
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32	Anaerobic membrane bioreactors for wastewater treatment: A review. <i>Chemical Engineering Journal</i> , 2012, 198-199, 138-148.	12.7	255
33	GPR model with signal preprocessing and bias update for dynamic processes modeling. <i>Control Engineering Practice</i> , 2012, 20, 1281-1292.	5.5	23
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39	Technology performance and economic feasibility of bioethanol production from various waste papers. Energy and Environmental Science, 2012, 5, 5717-5730.	30.8	57
40	Effect of additives on enzyme-catalyzed polymerization of phenols and aromatic amines. Frontiers in Bioscience - Scholar, 2012, S4, 1249-1265.	2.1	4
41	Comparative Kinetic Study of Carrier Type in a Moving Bed System Applied to Organic Matter Removal in Urban Wastewater Treatment. Water, Air, and Soil Pollution, 2012, 223, 1699-1712.	2.4	45
42	Effect of silica dioxide particles on the evolution of biofouling by Bacillus subtilis in plate heat exchangers relevant to a heat pump system used with treated sewage. Chemical Engineering Journal, 2012, 188, 47-56.	12.7	15
43	Optimization of anaerobic acidogenesis by adding FeO powder to enhance anaerobic wastewater treatment. Chemical Engineering Journal, 2012, 192, 179-185.	12.7	186
44	Removal of natural organic matter for drinking water production by Al/Fe-PILC-catalyzed wet peroxide oxidation: Effect of the catalyst preparation from concentrated precursors. Applied Catalysis B: Environmental, 2012, 111-112, 527-535.	20.2	37
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55	Relationship between phenol degradation efficiency and microbial community structure in an anaerobic SBR. Water Research, 2013, 47, 6739-6749.	11.3	133

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56	High strength wastewater treatment accompanied by power generation using air cathode microbial fuel cell. <i>Applied Energy</i> , 2013, 105, 194-206.	10.1	188
57	Determination of aerobic biodegradation kinetics of olive oil mill wastewater. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 237-242.	3.9	18
58	Evaluation of integrated anaerobic–aerobic biofilm reactor for degradation of azo dye methyl orange. <i>Bioresource Technology</i> , 2013, 143, 104-111.	9.6	60
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60	Characterization and comparison of the performance of two different separator types in air–cathode microbial fuel cell treating synthetic wastewater. <i>Chemical Engineering Journal</i> , 2013, 228, 1-11.	12.7	86
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66	Effect of biomass concentration and aeration rate on performance of a full-scale industrial estate wastewater treatment plant. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 1144-1153.	6.7	4
67	Organic fractions influence on biogas generation from potato residues. Kinetic model generalization. <i>Biomass and Bioenergy</i> , 2013, 59, 458-467.	5.7	2
68	Nitrophenol removal by simultaneous nitrification denitrification (SND) using <i>T. pantotropha</i> in sequencing batch reactors (SBR). <i>Bioresource Technology</i> , 2013, 128, 273-280.	9.6	59
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90	Enhanced removal of contaminant using the biological film, anoxic-anaerobic-aerobic and electro-coagulation process applied to high-load sewage treatment. Environmental Technology (United Kingdom), 2014, 35, 833-840.	2.2	2
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134	When Bioelectrochemical Systems Meet Forward Osmosis: Accomplishing Wastewater Treatment and Reuse through Synergy. <i>Water (Switzerland)</i> , 2015, 7, 38-50.	2.7	45
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147	Nutrients removal and lipids production by <i>Chlorella pyrenoidosa</i> cultivation using anaerobic digested starch wastewater and alcohol wastewater. <i>Bioresource Technology</i> , 2015, 181, 54-61.	9.6	116

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156	Simultaneous removal of C and N from fish effluents in filter reactors: Effect of recirculation ratio on the axial distribution of microbial communities. <i>Journal of Environmental Management</i> , 2015, 161, 366-374.	7.8	3
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