

# David C. Stuckey

## List of Publications by Year in descending order

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Version: 2024-02-01

225  
papers

11,745  
citations

26630

56  
h-index

33894

99  
g-index

226  
all docs

226  
docs citations

226  
times ranked

8609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic membrane bioreactor performance with varying feed concentrations of ciprofloxacin. <i>Science of the Total Environment</i> , 2022, 803, 150108.	8.0	11
2	Optimised "green solvent" extraction of long-chain menaquinones (Vitamin K2) from wet <i>Lactococcus lactis</i> biomass. <i>Separation and Purification Technology</i> , 2022, 287, 120560.	7.9	3
3	Metagenomic assembled genomes unravel purple non-sulfur bacteria (PNSB) involved in integrating C, N, P biotransformation. <i>Science of the Total Environment</i> , 2022, 830, 154591.	8.0	4
4	Separation and biosynthesis of value-added compounds from food-processing wastewater: Towards sustainable wastewater resource recovery. <i>Journal of Cleaner Production</i> , 2022, 357, 131975.	9.3	29
5	Resource recovery from food-processing wastewaters in a circular economy: a methodology for the future. <i>Current Opinion in Biotechnology</i> , 2022, 76, 102735.	6.6	9
6	Comparison of soluble microbial product (SMP) production in full-scale anaerobic/aerobic industrial wastewater treatment and a laboratory based synthetic feed anaerobic membrane system. <i>Science of the Total Environment</i> , 2021, 754, 142173.	8.0	11
7	Pathways and Mechanisms of Single-Cell Protein Production: Carbon and Nutrient Transformation. <i>ACS ES&amp;T Water</i> , 2021, 1, 1313-1320.	4.6	1
8	Linkage of community composition and function over short response time in anaerobic digestion systems with food fermentation wastewater. <i>iScience</i> , 2021, 24, 102958.	4.1	1
9	Identification of soluble microbial products (SMPs) from the fermentation and methanogenic phases of anaerobic digestion. <i>Science of the Total Environment</i> , 2020, 698, 134177.	8.0	25
10	Biogas productivity of anaerobic digestion process is governed by a core bacterial microbiota. <i>Chemical Engineering Journal</i> , 2020, 380, 122425.	12.7	73
11	Effects of the CNT Content and Plating Solution pH After Purification on the Performance of Ni-P/CNT Composite Coating. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 1229-1236.	3.0	1
12	Current applications of Colloidal Liquid Aphrons: Predispersed solvent extraction, enzyme immobilization and drug delivery. <i>Advances in Colloid and Interface Science</i> , 2020, 275, 102079.	14.7	8
13	Biological conversion of sulfamethoxazole in an autotrophic denitrification system. <i>Water Research</i> , 2020, 185, 116156.	11.3	50
14	Micro-particles "A Neglected but Critical Cause of Different Membrane Fouling between Aerobic and Anaerobic Membrane Bioreactors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16680-16690.	6.7	35
15	Alginate extraction from <i>Sargassum</i> seaweed in the Caribbean region: Optimization using response surface methodology. <i>Carbohydrate Polymers</i> , 2020, 245, 116419.	10.2	75
16	Identification of the production and biotransformational changes of soluble microbial products (SMP) in wastewater treatment processes: A short review. <i>Chemosphere</i> , 2020, 251, 126391.	8.2	36
17	Datasets on the optimization of alginate extraction from <i>sargassum</i> biomass using response surface methodology.. <i>Data in Brief</i> , 2020, 31, 105837.	1.0	3
18	Composition and biotransformational changes in soluble microbial products (SMPs) along an anaerobic baffled reactor (ABR). <i>Chemosphere</i> , 2020, 254, 126775.	8.2	16

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19	Study on Properties of 45 Carbon Steel Ni-P Electroless Plating Reinforced by Si <sub>3</sub> N <sub>4</sub> -Al <sub>2</sub> O <sub>3</sub> Particle Based on Response Surface Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4761-4772.	0.9	1
20	Alginate as a support ligand for enhanced colloidal liquid aphron immobilization of proteins and drug delivery. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3168-3178.	3.3	5
21	Wastewater To Resource: Design of a Sustainable Phosphorus Recovery System. <i>ChemistryOpen</i> , 2019, 8, 1109-1120.	1.9	11
22	Fate and removal of Ciprofloxacin in an anaerobic membrane bioreactor (AnMBR). <i>Bioresource Technology</i> , 2019, 289, 121683.	9.6	49
23	Rapid EC50 determination of hydrophobic toxicants in continuous droplet biomicrofluidics. <i>Micro and Nano Engineering</i> , 2019, 3, 82-91.	2.9	5
24	Size-dependent microbial diversity of sub-visible particles in a submerged anaerobic membrane bioreactor (SANMBR): Implications for membrane fouling. <i>Water Research</i> , 2019, 159, 20-29.	11.3	58
25	Autoinducer-2-mediated quorum sensing partially regulates the toxic shock response of anaerobic digestion. <i>Water Research</i> , 2019, 158, 94-105.	11.3	34
26	Rapid serial diluting biomicrofluidic provides EC50 in minutes. <i>Micro and Nano Engineering</i> , 2019, 2, 92-103.	2.9	9
27	In-situ power generation and nutrients recovery from waste activated sludge - Long-term performance and system optimization. <i>Chemical Engineering Journal</i> , 2019, 361, 1207-1214.	12.7	22
28	Free nitrous acid (FNA) induced transformation of sulfamethoxazole in the enriched nitrifying culture. <i>Water Research</i> , 2019, 149, 432-439.	11.3	49
29	Effect of ciprofloxacin on methane production and anaerobic microbial community. <i>Bioresource Technology</i> , 2018, 261, 240-248.	9.6	75
30	Scattering enhanced quantum dots based luminescent solar concentrators by silica microparticles. <i>Solar Energy Materials and Solar Cells</i> , 2018, 179, 380-385.	6.2	44
31	N-Acyl-homoserine lactones and autoinducer-2-mediated quorum sensing during wastewater treatment. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1119-1130.	3.6	33
32	A review of posttreatment technologies for anaerobic effluents for discharge and recycling of wastewater. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 167-209.	12.8	36
33	Downstream protein separation by surfactant precipitation: a review. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 31-46.	9.0	30
34	Novel approaches to purifying bacteriocin: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 2453-2465.	10.3	34
35	Metabolic reduction of resazurin; location within the cell for cytotoxicity assays. <i>Biotechnology and Bioengineering</i> , 2018, 115, 351-358.	3.3	51
36	Fate and behavior of dissolved organic matter in a submerged anoxic-aerobic membrane bioreactor (MBR). <i>Environmental Science and Pollution Research</i> , 2018, 25, 4289-4302.	5.3	11

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37	Effect of heat treatment process on mechanical properties and microstructure of FeAlCoCrNiTi0.5 alloy. AIP Advances, 2018, 8, .	1.3	11
38	Bio-based Technologies for Resource Recovery. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	6.0	0
39	Research on Fault Feature Extraction Method of Rolling Bearing Based on NMD and Wavelet Threshold Denoising. Shock and Vibration, 2018, 2018, 1-11.	0.6	14
40	Post-treatment of anaerobic membrane bioreactor (AnMBR) effluent using activated carbon. Bioresource Technology, 2018, 266, 75-81.	9.6	20
41	Pre-oxidation of ammonium using nanofiltration membranes for partial nitrification preceding Anammox. Chemical Engineering Journal, 2018, 353, 218-224.	12.7	4
42	Prediction of Surface Roughness and Optimization of Cutting Parameters of Stainless Steel Turning Based on RSM. Mathematical Problems in Engineering, 2018, 2018, 1-15.	1.1	17
43	The effect of Fe <sub>2</sub> NiO <sub>4</sub> and Fe <sub>4</sub> NiO <sub>4</sub> Zn magnetic nanoparticles on anaerobic digestion activity. Science of the Total Environment, 2018, 642, 276-284.	8.0	42
44	Global Profiling of Metabolite and Lipid Soluble Microbial Products in Anaerobic Wastewater Reactor Supernatant Using UPLC-MS/MS. Journal of Proteome Research, 2017, 16, 559-570.	3.7	27
45	Chemical Characterization of Low Molecular Weight Soluble Microbial Products in an Anaerobic Membrane Bioreactor. Environmental Science & Technology, 2017, 51, 2254-2261.	10.0	29
46	Effect of Ethylenediamine-N,N'-disuccinic acid (EDDS) on the speciation and bioavailability of Fe <sup>2+</sup> in the presence of sulfide in anaerobic digestion. Bioresource Technology, 2017, 229, 169-179.	9.6	14
47	Optimal biogas sparging strategy, and the correlation between sludge and fouling layer properties in a submerged anaerobic membrane bioreactor (SAnMBR). Chemical Engineering Journal, 2017, 319, 248-257.	12.7	38
48	Fouling reduction using adsorbents/flocculants in a submerged anaerobic membrane bioreactor. Bioresource Technology, 2017, 239, 226-235.	9.6	46
49	Effects of trace metal deficiency and supplementation on a submerged anaerobic membrane bioreactor. Bioresource Technology, 2017, 241, 161-170.	9.6	3
50	Influence of Feed Composition on the Monomeric Structure of Free Bacterial Extracellular Polysaccharides in Anaerobic Digestion. Environmental Science & Technology, 2017, 51, 7009-7017.	10.0	11
51	Recovery of a bacteriocin-like inhibitory substance from <i>Pediococcus acidilactici</i> Kp10 using surfactant precipitation. Food Chemistry, 2017, 232, 245-252.	8.2	9
52	Poly(methyl methacrylate) Surface Modification for Surfactant-Free Real-Time Toxicity Assay on Droplet Microfluidic Platform. ACS Applied Materials & Interfaces, 2017, 9, 13801-13811.	8.0	37
53	Removal of selected pharmaceuticals in an anaerobic membrane bioreactor (AnMBR) with/without powdered activated carbon (PAC). Chemical Engineering Journal, 2017, 321, 335-345.	12.7	103
54	Effect of feed pH on reactor performance and production of soluble microbial products (SMPs) in a submerged anaerobic membrane bioreactor. Chemical Engineering Journal, 2017, 320, 135-143.	12.7	31

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55	Soluble microbial products (SMPs) in the effluent from a submerged anaerobic membrane bioreactor (SAMBR) under different HRTs and transient loading conditions. <i>Chemical Engineering Journal</i> , 2017, 311, 72-81.	12.7	73
56	Compatible solute addition to biological systems treating waste/wastewater to counteract osmotic and other environmental stresses: a review. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 865-879.	9.0	67
57	Effects of ZnO nanoparticle exposure on wastewater treatment and soluble microbial products (SMPs) in an anoxic-aerobic membrane bioreactor. <i>Chemosphere</i> , 2017, 171, 446-459.	8.2	45
58	Effect of operating conditions on speciation and bioavailability of trace metals in submerged anaerobic membrane bioreactors. <i>Bioresource Technology</i> , 2017, 243, 810-819.	9.6	7
59	Dosing of Ethylenediamine-N,Nâ€²-disuccinic acid (EDDS) to improve the bioavailability of Fe <sup>2+</sup> in the presence of sulfide in a submerged anaerobic membrane bioreactor. <i>Chemical Engineering Journal</i> , 2017, 330, 175-182.	12.7	11
60	Impact of feed carbohydrates and nitrogen source on the production of soluble microbial products (SMPs) in anaerobic digestion. <i>Water Research</i> , 2017, 122, 10-16.	11.3	33
61	Dynamics of two methanogenic microbiomes incubated in polycyclic aromatic hydrocarbons, naphthenic acids, and oil field produced water. <i>Biotechnology for Biofuels</i> , 2017, 10, 123.	6.2	8
62	A biocompatible surfactant, methyl ester sulphonate (MES), as a precipitating ligand for protein purification. <i>Biochemical Engineering Journal</i> , 2017, 117, 30-40.	3.6	7
63	Insights into quorum quenching mechanisms to control membrane biofouling under changing organic loading rates. <i>Chemosphere</i> , 2017, 182, 40-47.	8.2	36
64	Characterization of soluble microbial products (SMPs) in a membrane bioreactor (MBR) treating synthetic wastewater containing pharmaceutical compounds. <i>Water Research</i> , 2016, 102, 594-606.	11.3	81
65	Protein separation using non-ionic and cationic surfactant precipitation. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2563-2567.	3.2	9
66	Refractive index matching to develop transparent polyaphrons: Characterization of immobilized proteins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 159-164.	5.0	1
67	Stimulation and Inhibition of Anaerobic Digestion by Nickel and Cobalt: A Rapid Assessment Using the Resazurin Reduction Assay. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11154-11163.	10.0	43
68	Biofilms, bubbles and boundary layers â€” A new approach to understanding cellulolysis in anaerobic and ruminant digestion. <i>Water Research</i> , 2016, 104, 93-100.	11.3	23
69	Characterization and Significance of Sub-Visible Particles and Colloids in a Submerged Anaerobic Membrane Bioreactor (SAnMBR). <i>Environmental Science &amp; Technology</i> , 2016, 50, 12750-12758.	10.0	59
70	Immobilization of enzymes using nonâ€”ionic colloidal liquid aphrons (CLAs): Activity kinetics, conformation, and energetics. <i>Biotechnology and Bioengineering</i> , 2016, 113, 970-978.	3.3	13
71	Iron deficiency and bioavailability in anaerobic batch and submerged membrane bioreactors (SAMBR) during organic shock loads. <i>Bioresource Technology</i> , 2016, 211, 136-145.	9.6	17
72	Protein separation mechanisms in surfactant precipitation systems. <i>Separation Science and Technology</i> , 2016, 51, 181-191.	2.5	3

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73	Protein Measurement in Biological Wastewater Treatment Systems: A Critical Evaluation. <i>Environmental Science &amp; Technology</i> , 2016, 50, 3074-3081.	10.0	83
74	Effect of sparging rate on permeate quality in a submerged anaerobic membrane bioreactor (SAMBR) treating leachate from the organic fraction of municipal solid waste (OFMSW). <i>Journal of Environmental Management</i> , 2016, 168, 67-73.	7.8	26
75	Economic and environmental evaluation of nitrogen removal and recovery methods from wastewater. <i>Bioresource Technology</i> , 2016, 215, 227-238.	9.6	80
76	Colorimetric measurement of carbohydrates in biological wastewater treatment systems: A critical evaluation. <i>Water Research</i> , 2016, 94, 280-287.	11.3	83
77	Trace metal speciation and bioavailability in anaerobic digestion: A review. <i>Biotechnology Advances</i> , 2016, 34, 122-136.	11.7	226
78	Inorganic fouling of an anaerobic membrane bioreactor treating leachate from the organic fraction of municipal solid waste (OFMSW) and a polishing aerobic membrane bioreactor. <i>Bioresource Technology</i> , 2016, 204, 17-25.	9.6	38
79	MS and T4 phage removal in an anaerobic membrane bioreactor (AnMBR): effect of gas sparging rate. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 384-390.	3.2	19
80	Effects of Hydraulic/Organic Shock/Transient Loads in Anaerobic Wastewater Treatment: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 2693-2727.	12.8	58
81	Controlling a toxic shock of pentachlorophenol (PCP) to anaerobic digestion using activated carbon addition. <i>Bioresource Technology</i> , 2015, 181, 303-311.	9.6	17
82	The effect of sparging rate on transmembrane pressure and critical flux in an AnMBR. <i>Journal of Environmental Management</i> , 2015, 151, 280-285.	7.8	38
83	Analytical and Numerical Investigations of Wedge-Induced Oblique Detonation Waves at Low Inflow Mach Number. <i>Combustion Science and Technology</i> , 2015, 187, 843-856.	2.3	41
84	Wastewater-Energy Nexus. <i>Chemosphere</i> , 2015, 140, 1.	8.2	3
85	Contribution of acetic acid to the hydrolysis of lignocellulosic biomass under abiotic conditions. <i>Bioresource Technology</i> , 2015, 185, 441-444.	9.6	17
86	Rapid fluorescence-based measurement of toxicity in anaerobic digestion. <i>Water Research</i> , 2015, 75, 123-130.	11.3	19
87	Immobilization of enzymes using non-ionic colloidal liquid aphrons (CLAs): Surface and enzyme effects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 424-430.	5.0	2
88	Modeling and Application of a Rapid Fluorescence-Based Assay for Biotoxicity in Anaerobic Digestion. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13463-13471.	10.0	38
89	Bioaugmentation and its application in wastewater treatment: A review. <i>Chemosphere</i> , 2015, 140, 119-128.	8.2	336
90	Toxicity measurement in biological wastewater treatment processes: A review. <i>Journal of Hazardous Materials</i> , 2015, 286, 15-29.	12.4	95

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91	Optimization-based methodology for the development of wastewater facilities for energy and nutrient recovery. <i>Chemosphere</i> , 2015, 140, 150-158.	8.2	62
92	Treatment of metalworking fluids using a submerged anaerobic membrane bioreactor (<sc>SAMBR</sc>). <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 507-513.	3.2	11
93	Phytotoxicity and bioaccumulation of ZnO nanoparticles in <i>Schoenoplectus tabernaemontani</i> . <i>Chemosphere</i> , 2015, 120, 211-219.	8.2	70
94	Dependency of simultaneous Cr(VI), Cu(II) and Cd(II) reduction on the cathodes of microbial electrolysis cells self-driven by microbial fuel cells. <i>Journal of Power Sources</i> , 2015, 273, 1103-1113.	7.8	82
95	Direct Measurement of Anaerobic Biodegradability of Nonylphenol Ethoxylates (NPEOs). <i>International Journal of Environmental Science and Development</i> , 2015, 6, 660-663.	0.6	3
96	Numerical Investigation of the Stability of Rotating Detonation Engines. <i>Combustion Science and Technology</i> , 2014, 186, 1699-1715.	2.3	42
97	Toxicants inhibiting anaerobic digestion: A review. <i>Biotechnology Advances</i> , 2014, 32, 1523-1534.	11.7	440
98	Salinity effects on biodegradation of Reactive Black 5 for one stage and two stages sequential anaerobic aerobic biological processes employing different anaerobic sludge. <i>International Biodeterioration and Biodegradation</i> , 2014, 95, 294-300.	3.9	16
99	Analytical methods for soluble microbial products (SMP) and extracellular polymers (ECP) in wastewater treatment systems: A review. <i>Water Research</i> , 2014, 61, 1-18.	11.3	198
100	Is it possible to develop biopolymer production systems independent of fossil fuels? Case study in energy profiling of polyhydroxybutyrate-valerate (PHBV). <i>Green Chemistry</i> , 2013, 15, 706.	9.0	30
101	Utilization of Coconut Milk Processing Waste as a Low-Cost Mercury Sorbent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 15648-15657.	3.7	37
102	End-of-life of starchâ€“polyvinyl alcohol biopolymers. <i>Bioresource Technology</i> , 2013, 127, 256-266.	9.6	9
103	Determination of the Hydrolysis Constant in the Biochemical Methane Potential Test of Municipal Solid Waste. <i>Environmental Engineering Science</i> , 2012, 29, 848-854.	1.6	32
104	Anaerobic toxicity assay of plasticisers. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1082-1086.	1.7	2
105	Denaturing Gradient Gel Electrophoresis Analysis of Archaeal and Bacterial Populations in a Submerged Anaerobic Membrane Bioreactor Treating Landfill Leachate at Low Temperatures. <i>Environmental Engineering Science</i> , 2012, 29, 219-226.	1.6	12
106	Separation of Methanol/Water Mixtures from Dilute Aqueous Solutions Using Pervaporation Technique. <i>Advanced Materials Research</i> , 2012, 550-553, 3004-3007.	0.3	2
107	Recent developments in anaerobic membrane reactors. <i>Bioresource Technology</i> , 2012, 122, 137-148.	9.6	217
108	Protein precipitation using an anionic surfactant. <i>Process Biochemistry</i> , 2012, 47, 712-719.	3.7	12

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109	Post-treatment of the permeate of a submerged anaerobic membrane bioreactor (SAMBR) treating landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 1539-1548.	1.7	19
110	Anaerobic digestion of starch-polyvinyl alcohol biopolymer packaging: Biodegradability and environmental impact assessment. <i>Bioresource Technology</i> , 2011, 102, 11137-11146.	9.6	32
111	Protein recovery from surfactant precipitation. <i>Biotechnology Progress</i> , 2011, 27, 1614-1622.	2.6	13
112	Comparison of the performance of one stage and two stage sequential anaerobic-aerobic biological processes for the treatment of reactive-azo-dye-containing synthetic wastewaters. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 591-599.	3.9	66
113	Parameters affecting the stability of the digestate from a two-stage anaerobic process treating the organic fraction of municipal solid waste. <i>Waste Management</i> , 2011, 31, 1480-1487.	7.4	27
114	Extraction of IgG4 Fab Fragments Using HDEHP-Isooctane and -Corn Oil Reverse Micelles. <i>Separation Science and Technology</i> , 2011, 46, 708-719.	2.5	1
115	Chromium Removal Mechanisms and Bacterial Community in an Integrated Membrane Bioreactor System. <i>Environmental Engineering Science</i> , 2011, 28, 661-670.	1.6	13
116	Fouling cake layer in a submerged anaerobic membrane bioreactor treating saline wastewaters: curse or a blessing?. <i>Water Science and Technology</i> , 2011, 63, 2902-2908.	2.5	35
117	Effect of perchloroethylene (PCE) and hydraulic shock loads on a membrane-aerated biofilm reactor (MABR) biodegrading PCE. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 294-301.	3.2	9
118	Extraction of monoclonal antibodies (IgG1) using anionic and anionic/nonionic reverse micelles. <i>Biotechnology Progress</i> , 2010, 26, 1352-1360.	2.6	9
119	Post-treatment of a submerged anaerobic membrane bioreactor (SAMBR) saline effluent using powdered activated carbon (PAC). <i>Journal of Hazardous Materials</i> , 2010, 177, 836-841.	12.4	33
120	Performance of a three-stage membrane bioprocess treating the Organic Fraction of Municipal Solid Waste and evolution of its archaeal and bacterial ecology. <i>Bioresource Technology</i> , 2010, 101, 1652-1661.	9.6	40
121	Anaerobic Membrane Reactors. , 2010, , 137-161.		7
122	Anaerobic Baffled Reactor (ABR) for Wastewater Treatment. , 2010, , 163-184.		4
123	Are Compatible Solutes Compatible with Biological Treatment of Saline Wastewater? Batch and Continuous Studies Using Submerged Anaerobic Membrane Bioreactors (SAMBRs). <i>Environmental Science &amp; Technology</i> , 2010, 44, 7437-7442.	10.0	73
124	Treatment of municipal solid waste leachate using a submerged anaerobic membrane bioreactor at mesophilic and psychrophilic temperatures: Analysis of recalcitrants in the permeate using GC-MS. <i>Water Research</i> , 2010, 44, 671-680.	11.3	116
125	Extraction of Human IgG4 Monoclonal Antibodies Using AOT- and HDEHP-Isooctane Reverse Micelles. <i>Separation Science and Technology</i> , 2010, 45, 2420-2430.	2.5	3
126	Anaerobic digestion of the organic fraction of municipal solid waste in a two-stage membrane process. <i>Water Science and Technology</i> , 2009, 60, 1965-1978.	2.5	26

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127	Interactions between surfactants and biomass during liquid-liquid extraction. <i>Biotechnology Progress</i> , 2009, 25, 1686-1694.	2.6	4
128	Effect of fluctuations in salinity on anaerobic biomass and production of soluble microbial products (SMPs). <i>Biodegradation</i> , 2009, 20, 165-175.	3.0	51
129	Adaptation of anaerobic biomass to saline conditions: Role of compatible solutes and extracellular polysaccharides. <i>Enzyme and Microbial Technology</i> , 2009, 44, 46-51.	3.2	102
130	A modified method for the determination of chemical oxygen demand (COD) for samples with high salinity and low organics. <i>Bioresource Technology</i> , 2009, 100, 979-982.	9.6	78
131	Treatment of oilfield produced water by waste stabilization ponds: Biodegradation of petroleum-derived materials. <i>Bioresource Technology</i> , 2009, 100, 6229-6235.	9.6	38
132	Saline sewage treatment using a submerged anaerobic membrane reactor (SAMBR): Effects of activated carbon addition and biogas-sparging time. <i>Water Research</i> , 2009, 43, 933-942.	11.3	113
133	Continuous treatment of the organic fraction of municipal solid waste in an anaerobic two-stage membrane process with liquid recycle. <i>Water Research</i> , 2009, 43, 2449-2462.	11.3	66
134	Treatment of oil well "produced water" by waste stabilization ponds: Removal of heavy metals. <i>Water Research</i> , 2009, 43, 4258-4268.	11.3	54
135	Flux and performance improvement in a submerged anaerobic membrane bioreactor (SAMBR) using powdered activated carbon (PAC). <i>Process Biochemistry</i> , 2008, 43, 93-102.	3.7	135
136	Integrated model of the production of soluble microbial products (SMP) and extracellular polymeric substances (EPS) in anaerobic chemostats during transient conditions. <i>Biochemical Engineering Journal</i> , 2008, 38, 138-146.	3.6	114
137	BIOMASS ACCLIMATISATION AND ADAPTATION DURING START-UP OF A SUBMERGED ANAEROBIC MEMBRANE BIOREACTOR (SAMBR). <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 1053-1065.	2.2	27
138	Activated Carbon Addition to a Submerged Anaerobic Membrane Bioreactor: Effect on Performance, Transmembrane Pressure, and Flux. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 73-80.	1.4	102
139	Biodegradation of PCE in a Hybrid Membrane Aerated Biofilm Reactor. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 20-27.	1.4	14
140	Treatment of oilfield produced water by waste stabilization ponds. <i>Water Science and Technology</i> , 2007, 55, 265-271.	2.5	13
141	Use of colloidal liquid aphrons to extract dilute fermentation products. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 58, 302-303.	3.2	0
142	Bioavailability and Toxicity of Metal Nutrients during Anaerobic Digestion. <i>Journal of Environmental Engineering, ASCE</i> , 2007, 133, 28-35.	1.4	60
143	Treatment of Dilute Wastewaters Using a Novel Submerged Anaerobic Membrane Bioreactor. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 190-198.	1.4	160
144	A membrane bioreactor for the biotransformation of $\alpha$ -pinene oxide to isovalal by <i>Pseudomonas fluorescens</i> NCIMB 11671. <i>Applied Microbiology and Biotechnology</i> , 2006, 69, 643-649.	3.6	18

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145	Development of a membrane-aerated biofilm reactor to completely mineralise perchloroethylene in wastewaters. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1736-1744.	3.2	27
146	Characterization of dissolved compounds in submerged anaerobic membrane bioreactors (SAMBRs). <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1894-1904.	3.2	86
147	Chromatographic characterization of dissolved organics in effluents from two anaerobic reactors treating synthetic wastewater. <i>Water Science and Technology</i> , 2006, 54, 193-198.	2.5	27
148	Mass Transfer of Terpenes through a Silicone Rubber Membrane in a Liquid-Liquid Contacting System. <i>Biotechnology Progress</i> , 2005, 21, 1680-1687.	2.6	5
149	Effect of fermentation broth and biosurfactants on mass transfer during liquid-liquid extraction. <i>Biotechnology and Bioengineering</i> , 2004, 85, 155-165.	3.3	25
150	Soluble microbial products formation in anaerobic chemostats in the presence of toxic compounds. <i>Water Research</i> , 2004, 38, 255-266.	11.3	280
151	Recent Advances in Solvent Extraction Processes. , 2004, , .		2
152	Anaerobic treatment of sulphate-enriched wastewaters. <i>Water Management</i> , 2004, 157, 187-195.	1.2	1
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