

# H V M Hamelers

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135  
papers

19,575  
citations

68  
h-index

138  
g-index

138  
ext. papers

21,486  
ext. citations

9.4  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
135	The effect of intermittent anode potential regimes on the morphology and extracellular matrix composition of electro-active bacteria.. <i>Biofilm</i> , <b>2022</b> , 4, 100064	5.9	0
134	Real-time monitoring of biofilm thickness allows for determination of acetate limitations in bio-anodes. <i>Bioresource Technology Reports</i> , <b>2022</b> , 18, 101028	4.1	1
133	Bipolar membranes: A review on principles, latest developments, and applications. <i>Journal of Membrane Science</i> , <b>2021</b> , 617, 118538	9.6	85
132	Donnan Dialysis for scaling mitigation during electrochemical ammonium recovery from complex wastewater. <i>Water Research</i> , <b>2021</b> , 201, 117260	12.5	3
131	Fouling fractionation in reverse electrodialysis with natural feed waters demonstrates dual media rapid filtration as an effective pre-treatment for fresh water. <i>Desalination</i> , <b>2021</b> , 518, 115277	10.3	2
130	Electrochemical Regeneration of Spent Alkaline Absorbent from Direct Air Capture. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 8990-8998	10.3	14
129	Exploiting Donnan Dialysis to enhance ammonia recovery in an electrochemical system. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125143	14.7	9
128	Role of ion exchange membranes and capacitive electrodes in membrane capacitive deionization (MCDI) for CO capture. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 564, 478-490	9.3	25
127	Enhanced Phototrophic Biomass Productivity through Supply of Hydrogen Gas. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 861-865	11	1
126	Minimal Bipolar Membrane Cell Configuration for Scaling Up Ammonium Recovery. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 17359-17367	8.3	12
125	New Insights on the Estimation of the Anaerobic Biodegradability of Plant Material: Identifying Valuable Plants for Sustainable Energy Production. <i>Processes</i> , <b>2020</b> , 8, 806	2.9	4
124	Electrostatic cooling at electrolyte-electrolyte junctions. <i>Physical Review Research</i> , <b>2019</b> , 1,	3.9	1
123	The RED Fouling Monitor: A novel tool for fouling analysis. <i>Journal of Membrane Science</i> , <b>2019</b> , 570-571, 294-302	9.6	12
122	(Bio)electrochemical ammonia recovery: progress and perspectives. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 3865-3878	5.7	88
121	Solvent-Free CO Capture Using Membrane Capacitive Deionization. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 9478-9485	10.3	38
120	Energy-Efficient Ammonia Recovery in an Up-Scaled Hydrogen Gas Recycling Electrochemical System. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 7638-7644	8.3	20
119	Nernst-Planck transport theory for (reverse) electrodialysis: II. Effect of water transport through ion-exchange membranes. <i>Journal of Membrane Science</i> , <b>2017</b> , 531, 172-182	9.6	89

118	Hydrogen Gas Recycling for Energy Efficient Ammonia Recovery in Electrochemical Systems. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3110-3116	10.3	56
117	Membrane Selectivity Determines Energetic Losses for Ion Transport in Bioelectrochemical Systems. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3462-3470	1.8	30
116	Load ratio determines the ammonia recovery and energy input of an electrochemical system. <i>Water Research</i> , <b>2017</b> , 111, 330-337	12.5	54
115	Revisiting Morrison and Osterle 1965: the efficiency of membrane-based electrokinetic energy conversion. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 324001	1.8	13
114	Gas-permeable hydrophobic membranes enable transport of CO <sub>2</sub> and NH <sub>3</sub> to improve performance of bioelectrochemical systems. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 743-748	4.2	12
113	Gas-permeable hydrophobic tubular membranes for ammonia recovery in bio-electrochemical systems. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 261-265	4.2	46
112	Chain Elongation with Reactor Microbiomes: Open-Culture Biotechnology To Produce Biochemicals. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 2796-810	10.3	281
111	Selective short-chain carboxylates production: A review of control mechanisms to direct mixed culture fermentations. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2016</b> , 46, 592-634	11.1	70
110	Nernst-Planck transport theory for (reverse) electrodialysis: I. Effect of co-ion transport through the membranes. <i>Journal of Membrane Science</i> , <b>2016</b> , 510, 370-381	9.6	155
109	Parallel up-scaling of Capacitive Mixing (CapMix) system enhances the specific performance. <i>Electrochimica Acta</i> , <b>2016</b> , 187, 104-112	6.7	14
108	Salinity Gradients for Sustainable Energy: Primer, Progress, and Prospects. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12072-12094	10.3	188
107	Analysis of bio-anode performance through electrochemical impedance spectroscopy. <i>Bioelectrochemistry</i> , <b>2015</b> , 106, 64-72	5.6	33
106	Energy from CO <sub>2</sub> using capacitive electrodes - a model for energy extraction cycles. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 442, 103-9	9.3	28
105	Fluidized capacitive bioanode as a novel reactor concept for the microbial fuel cell. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1929-35	10.3	61
104	Theory of Water Desalination by Porous Electrodes with Immobile Chemical Charge. <i>Colloids and Interface Science Communications</i> , <b>2015</b> , 9, 1-5	5.4	92
103	Extraction of Energy from Small Thermal Differences near Room Temperature Using Capacitive Membrane Technology. <i>Environmental Science and Technology Letters</i> , <b>2014</b> , 1, 356-360	11	26
102	Two-stage medium chain fatty acid (MCFA) production from municipal solid waste and ethanol. <i>Applied Energy</i> , <b>2014</b> , 116, 223-229	10.7	120
101	Carbon flow electrodes for continuous operation of capacitive deionization and capacitive mixing energy generation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 9313	13	186

100	Energy from CO <sub>2</sub> using capacitive electrodes--theoretical outline and calculation of open circuit voltage. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 418, 200-7	9.3	30
99	Harvesting Energy from CO <sub>2</sub> Emissions. <i>Environmental Science and Technology Letters</i> , <b>2014</b> , 1, 31-35	11	56
98	Steady-state performance and chemical efficiency of Microbial Electrolysis Cells. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 7201-7208	6.7	38
97	Chain elongation of acetate and ethanol in an upflow anaerobic filter for high rate MCFA production. <i>Bioresource Technology</i> , <b>2013</b> , 135, 440-5	11	104
96	High rate heptanoate production from propionate and ethanol using chain elongation. <i>Bioresource Technology</i> , <b>2013</b> , 136, 715-8	11	59
95	Improving medium chain fatty acid productivity using chain elongation by reducing the hydraulic retention time in an upflow anaerobic filter. <i>Bioresource Technology</i> , <b>2013</b> , 136, 735-8	11	95
94	Influence of the thickness of the capacitive layer on the performance of bioanodes in Microbial Fuel Cells. <i>Journal of Power Sources</i> , <b>2013</b> , 243, 611-616	8.9	51
93	Electricity generation by a novel design tubular plant microbial fuel cell. <i>Biomass and Bioenergy</i> , <b>2013</b> , 51, 60-67	5.3	64
92	Increase of power output by change of ion transport direction in a plant microbial fuel cell. <i>International Journal of Energy Research</i> , <b>2013</b> , 37, 1103-1111	4.5	11
91	Clean energy generation using capacitive electrodes in reverse electrodialysis. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 643-651	35.4	92
90	Electricity production with living plants on a green roof: environmental performance of the plant-microbial fuel cell. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2013</b> , 7, 52-64	5.3	35
89	Promoting chain elongation in mixed culture acidification reactors by addition of ethanol. <i>Biomass and Bioenergy</i> , <b>2013</b> , 48, 10-16	5.3	87
88	Selective carboxylate production by controlling hydrogen, carbon dioxide and substrate concentrations in mixed culture fermentation. <i>Bioresource Technology</i> , <b>2013</b> , 136, 452-60	11	23
87	Resilience of roof-top Plant-Microbial Fuel Cells during Dutch winter. <i>Biomass and Bioenergy</i> , <b>2013</b> , 51, 1-7	5.3	52
86	Bioelectrochemical Production of Caproate and Caprylate from Acetate by Mixed Cultures. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2013</b> , 1, 513-518	8.3	123
85	Auto Generative Capacitive Mixing for Power Conversion of Sea and River Water by the Use of Membranes. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , <b>2013</b> , 135,	2.6	7
84	Reverse Electrodialysis <b>2013</b> , 1		1
83	Characterization of the internal resistance of a plant microbial fuel cell. <i>Electrochimica Acta</i> , <b>2012</b> , 72, 165-171	6.7	33

82	Rhizosphere anode model explains high oxygen levels during operation of a <i>Glyceria maxima</i> PMFC. <i>Bioresource Technology</i> , <b>2012</b> , 108, 60-7	11	37
81	New plant-growth medium for increased power output of the Plant-Microbial Fuel Cell. <i>Bioresource Technology</i> , <b>2012</b> , 104, 417-23	11	55
80	Influence of membrane type, current and potential on the response to chemical toxicants of a microbial fuel cell based biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 163, 1-7	8.5	54
79	Acetate enhances startup of a H <sub>2</sub> -producing microbial biocathode. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 657-64	4.9	67
78	Electrochemical characterization of a supercapacitor flow cell for power production from salinity gradients. <i>Electrochimica Acta</i> , <b>2012</b> , 86, 298-304	6.7	40
77	On-line detection of toxic components using a microbial fuel cell-based biosensor. <i>Journal of Process Control</i> , <b>2012</b> , 22, 1755-1761	3.9	69
76	Exploiting the spontaneous potential of the electrodes used in the capacitive mixing technique for the extraction of energy from salinity difference. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 9870	35.4	107
75	Effect of additional charging and current density on the performance of Capacitive energy extraction based on Donnan Potential. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 8642	35.4	85
74	Capacitive bioanodes enable renewable energy storage in microbial fuel cells. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 3554-60	10.3	128
73	Faster Time Response by the Use of Wire Electrodes in Capacitive Salinity Gradient Energy Systems. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 19203-19210	3.8	37
72	Ammonium recovery and energy production from urine by a microbial fuel cell. <i>Water Research</i> , <b>2012</b> , 46, 2627-36	12.5	306
71	Effect of hydrogen and carbon dioxide on carboxylic acids patterns in mixed culture fermentation. <i>Bioresource Technology</i> , <b>2012</b> , 118, 227-34	11	43
70	CAPMIX -Deploying Capacitors for Salt Gradient Power Extraction. <i>Energy Procedia</i> , <b>2012</b> , 20, 108-115	2.3	66
69	The flat-plate plant-microbial fuel cell: the effect of a new design on internal resistances. <i>Biotechnology for Biofuels</i> , <b>2012</b> , 5, 70	7.8	55
68	Impact of wire geometry in energy extraction from salinity differences using capacitive technology. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 12203-8	10.3	34
67	The effect of different control mechanisms on the sensitivity and recovery time of a microbial fuel cell based biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 816-821	8.5	47
66	Effect of toxic components on microbial fuel cell-polarization curves and estimation of the type of toxic inhibition. <i>Biosensors</i> , <b>2012</b> , 2, 255-68	5.9	31
65	Microbial electrolysis cells for production of methane from CO <sub>2</sub> : long-term performance and perspectives. <i>International Journal of Energy Research</i> , <b>2012</b> , 36, 809-819	4.5	147

64	Water Desalination with Wires. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 1613-8	6.4	90
63	Bioelectrochemical systems: an outlook for practical applications. <i>ChemSusChem</i> , <b>2012</b> , 5, 1012-9	8.3	192
62	Microbial community structure elucidates performance of <i>Glyceria maxima</i> plant microbial fuel cell. <i>Applied Microbiology and Biotechnology</i> , <b>2012</b> , 94, 537-48	5.7	105
61	Auto Generative Capacitive Mixing for Power Conversion of Sea and River Water by the Use of Membranes <b>2011</b> ,		2
60	Microbial solar cells: applying photosynthetic and electrochemically active organisms. <i>Trends in Biotechnology</i> , <b>2011</b> , 29, 41-9	15.1	181
59	Performance of metal alloys as hydrogen evolution reaction catalysts in a microbial electrolysis cell. <i>International Journal of Hydrogen Energy</i> , <b>2011</b> , 36, 10482-10489	6.7	66
58	Effect of operational parameters on Coulombic efficiency in bioelectrochemical systems. <i>Bioresource Technology</i> , <b>2011</b> , 102, 11172-6	11	111
57	Effect of mass and charge transport speed and direction in porous anodes on microbial electrolysis cell performance. <i>Bioresource Technology</i> , <b>2011</b> , 102, 399-403	11	38
56	Effects of ammonium concentration and charge exchange on ammonium recovery from high strength wastewater using a microbial fuel cell. <i>Bioresource Technology</i> , <b>2011</b> , 102, 4376-82	11	98
55	Kinetic models for detection of toxicity in a microbial fuel cell based biosensor. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 3115-20	11.8	46
54	Butler-Volmer-Monod model for describing bio-anode polarization curves. <i>Bioresource Technology</i> , <b>2011</b> , 102, 381-7	11	105
53	Identifying charge and mass transfer resistances of an oxygen reducing biocathode. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 5035	35.4	88
52	Biological formation of caproate and caprylate from acetate: fuel and chemical production from low grade biomass. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 216-224	35.4	263
51	Microbial communities and electrochemical performance of titanium-based anodic electrodes in a microbial fuel cell. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 1069-75	4.8	55
50	Performance of a scaled-up Microbial Fuel Cell with iron reduction as the cathode reaction. <i>Journal of Power Sources</i> , <b>2011</b> , 196, 7572-7577	8.9	48
49	Reduction of pH buffer requirement in bioelectrochemical systems. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 8259-63	10.3	28
48	Bioelectrochemical ethanol production through mediated acetate reduction by mixed cultures. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 513-7	10.3	232
47	Solar energy powered microbial fuel cell with a reversible bioelectrode. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 532-7	10.3	103

46	Direct power production from a water salinity difference in a membrane-modified supercapacitor flow cell. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 5661-5	10.3	168
45	Electricity-mediated biological hydrogen production. <i>Current Opinion in Microbiology</i> , <b>2010</b> , 13, 307-15	7.9	54
44	Copper recovery combined with electricity production in a microbial fuel cell. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 4376-81	10.3	279
43	Cathode potential and mass transfer determine performance of oxygen reducing biocathodes in microbial fuel cells. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 7151-6	10.3	108
42	Towards implementation of reverse electrodialysis for power generation from salinity gradients. <i>Desalination and Water Treatment</i> , <b>2010</b> , 16, 182-193		126
41	New applications and performance of bioelectrochemical systems. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 85, 1673-85	5.7	204
40	Long-term performance of a plant microbial fuel cell with <i>Spartina anglica</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 86, 973-81	5.7	127
39	Ni foam cathode enables high volumetric H <sub>2</sub> production in a microbial electrolysis cell. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 12716-12723	6.7	153
38	Concurrent bio-electricity and biomass production in three Plant-Microbial Fuel Cells using <i>Spartina anglica</i> , <i>Arundinella anomala</i> and <i>Arundo donax</i> . <i>Bioresource Technology</i> , <b>2010</b> , 101, 3541-7	11	158
37	Microbial electrolysis cell with a microbial biocathode. <i>Bioelectrochemistry</i> , <b>2010</b> , 78, 39-43	5.6	218
36	Stabilizing the baseline current of a microbial fuel cell-based biosensor through overpotential control under non-toxic conditions. <i>Bioelectrochemistry</i> , <b>2010</b> , 78, 87-91	5.6	78
35	Selective inhibition of methanogenesis to enhance ethanol and n-butyrate production through acetate reduction in mixed culture fermentation. <i>Bioresource Technology</i> , <b>2009</b> , 100, 3261-7	11	47
34	Ion transport resistance in Microbial Electrolysis Cells with anion and cation exchange membranes. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 3612-3620	6.7	199
33	Improved performance of porous bio-anodes in microbial electrolysis cells by enhancing mass and charge transport. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 9655-9661	6.7	96
32	Influence of multivalent ions on power production from mixing salt and fresh water with a reverse electrodialysis system. <i>Journal of Membrane Science</i> , <b>2009</b> , 330, 65-72	9.6	111
31	Use of biocompatible buffers to reduce the concentration overpotential for hydrogen evolution. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6882-7	10.3	68
30	Analysis and improvement of a scaled-up and stacked microbial fuel cell. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 9038-42	10.3	165
29	Towards practical implementation of bioelectrochemical wastewater treatment. <i>Trends in Biotechnology</i> , <b>2008</b> , 26, 450-9	15.1	921

28	Hydrogen production with a microbial biocathode. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 629-34	10.3	391
27	Energy recovery from controlled mixing salt and fresh water with a reverse electrodialysis system. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 5785-90	10.3	372
26	Feasibility Study on Electrochemical Impedance Spectroscopy for Microbial Fuel Cells: Measurement Modes & Data Validation. <i>ECS Transactions</i> , <b>2008</b> , 13, 27-41	1	14
25	Alcohol production through volatile fatty acids reduction with hydrogen as electron donor by mixed cultures. <i>Water Research</i> , <b>2008</b> , 42, 4059-66	12.5	129
24	Effect of the type of ion exchange membrane on performance, ion transport, and pH in biocatalyzed electrolysis of wastewater. <i>Water Science and Technology</i> , <b>2008</b> , 57, 1757-62	2.2	173
23	Microbial electrolysis cells for high yield hydrogen gas production from organic matter. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 8630-40	10.3	932
22	Performance of non-porous graphite and titanium-based anodes in microbial fuel cells. <i>Electrochimica Acta</i> , <b>2008</b> , 53, 5697-5703	6.7	167
21	Renewable sustainable biocatalyzed electricity production in a photosynthetic algal microbial fuel cell (PAMFC). <i>Applied Microbiology and Biotechnology</i> , <b>2008</b> , 81, 659-68	5.7	147
20	Green electricity production with living plants and bacteria in a fuel cell. <i>International Journal of Energy Research</i> , <b>2008</b> , 32, 870-876	4.5	225
19	Microbial fuel cell operation with continuous biological ferrous iron oxidation of the catholyte. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 4130-4	10.3	138
18	NH <sub>3</sub> , N <sub>2</sub> O and CH <sub>4</sub> emissions during passively aerated composting of straw-rich pig manure. <i>Bioresource Technology</i> , <b>2007</b> , 98, 2659-70	11	192
17	Salinity-gradient power: Evaluation of pressure-retarded osmosis and reverse electrodialysis. <i>Journal of Membrane Science</i> , <b>2007</b> , 288, 218-230	9.6	420
16	Performance of single chamber biocatalyzed electrolysis with different types of ion exchange membranes. <i>Water Research</i> , <b>2007</b> , 41, 1984-94	12.5	315
15	Effects of membrane cation transport on pH and microbial fuel cell performance. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5206-11	10.3	603
14	A bipolar membrane combined with ferric iron reduction as an efficient cathode system in microbial fuel cells. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5200-5	10.3	254
13	Microbial fuel cells: methodology and technology. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5181-92	10.3	4214
12	Principle and perspectives of hydrogen production through biocatalyzed electrolysis. <i>International Journal of Hydrogen Energy</i> , <b>2006</b> , 31, 1632-1640	6.7	535
11	Improving quality of composted biowaste to enhance disease suppressiveness of compost-amended, peat-based potting mixes. <i>Soil Biology and Biochemistry</i> , <b>2005</b> , 37, 2131-2140	7.5	60

10	Modeling composting kinetics: A review of approaches. <i>Reviews in Environmental Science and Biotechnology</i> , <b>2004</b> , 3, 331-342	13.9	52
9	Advanced bioconversion of biowaste for production of a peat substitute and renewable energy. <i>Bioresource Technology</i> , <b>2004</b> , 92, 121-31	11	13
8	Sources of Cd, Cu, Pb and Zn in biowaste. <i>Science of the Total Environment</i> , <b>2002</b> , 300, 87-98	10.2	86
7	Passively Aerated Composting of Straw-Rich Pig Manure: Effect of Compost Bed Porosity. <i>Compost Science and Utilization</i> , <b>2002</b> , 10, 114-128	1.2	47
6	Degradation of biomacromolecules during high-rate composting of wheat straw-amended feces. <i>Journal of Environmental Quality</i> , <b>2001</b> , 30, 1675-84	3.4	55
5	Characterisation of NaOH-extracted humic acids during composting of a biowaste. <i>Bioresource Technology</i> , <b>2000</b> , 72, 33-41	11	120
4	Effect of pH and VFA on Hydrolysis of Organic Solid Waste. <i>Journal of Environmental Engineering, ASCE</i> , <b>2000</b> , 126, 1076-1081	2	168
3	Impact of location of CaCO <sub>3</sub> precipitation on the development of intact anaerobic sludge. <i>Water Research</i> , <b>2000</b> , 34, 437-446	12.5	62
2	Effect of temperature on hydrolysis rates of selected biowaste components. <i>Bioresource Technology</i> , <b>1999</b> , 69, 249-254	11	234
1	Effects of high calcium concentrations on the development of methanogenic sludge in upflow anaerobic sludge bed (UASB) reactors. <i>Water Research</i> , <b>1998</b> , 32, 1255-1263	12.5	84