Morton A Barlaz

List of Publications by Year
in descending order

172 papers	16,690 citations	31976 53 h-index	15266 126 g-index
176 all docs	176 docs citations	176 times ranked	13920 citing authors

#	Article	IF	Citations
1	Per- and Polyfluoroalkyl Substances (PFAS) in Facemasks: Potential Source of Human Exposure to PFAS with Implications for Disposal to Landfills. Environmental Science and Technology Letters, 2022, 9, 320-326.	8.7	36
2	Exploring alternative solid waste management strategies for achieving policy goals. Engineering Optimization, 2021, 53, 905-918.	2.6	3
3	Evaluation of the Temperature Range for Biological Activity in Landfills Experiencing Elevated Temperatures. ACS ES&T Engineering, 2021, 1, 216-227.	7.6	19
4	What Is the Best End Use for Compost Derived from the Organic Fraction of Municipal Solid Waste?. Environmental Science & Technology, 2021, 55, 73-81.	10.0	26
5	Development of Streamlined Life-Cycle Assessment for the Solid Waste Management System. Environmental Science & Technology, 2021, 55, 5475-5484.	10.0	12
6	Evidence of thermophilic waste decomposition at a landfill exhibiting elevated temperature regions. Waste Management, 2021, 124, 26-35.	7.4	14
7	Measurement of heat release during hydration and carbonation of ash disposed in landfills using an isothermal calorimeter. Waste Management, 2021, 124, 348-355.	7.4	8
8	Life-Cycle Assessment of a Regulatory Compliant U.S. Municipal Solid Waste Landfill. Environmental Science & Technology, 2021, 55, 13583-13592.	10.0	32
9	Critical review on PFOA, kidney cancer, and testicular cancer. Journal of the Air and Waste Management Association, 2021, 71, 1265-1276.	1.9	4
10	An Assessment of the Dynamic Global Warming Impact Associated with Long-Term Emissions from Landfills. Environmental Science & Technology, 2020, 54, 1304-1313.	10.0	22
11	Application of LCA modelling in integrated waste management. Waste Management, 2020, 118, 313-322.	7.4	93
12	Finite-Element Modeling of Landfills to Estimate Heat Generation, Transport, and Accumulation. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	3.0	14
13	Abrasion Resistance of Concrete Exposed to Organic Acids. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	4
14	The impact of pressure, moisture and temperature on pyrolysis of municipal solid waste under simulated landfill conditions and relevance to the field data from elevated temperature landfill. Science of the Total Environment, 2020, 723, 138031.	8.0	14
15	Evaluation of optimal model parameters for prediction of methane generation from selected U.S. landfills. Waste Management, 2019, 91, 120-127.	7.4	28
16	WTE: Life Cycle Assessment Comparison to Landfilling. , 2019, , 499-521.		0
17	Systems and Methods for Studying Microbial Processes and Communities in Landfills. Advances in Environmental Microbiology, 2019, , 129-150.	0.3	5
18	Approaches to fill data gaps and evaluate process completeness in LCAâ€"perspectives from solid waste management systems. International Journal of Life Cycle Assessment, 2019, 24, 1587-1601.	4.7	12

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19	Solid Waste Management Policy Implications on Waste Process Choices and Systemwide Cost and Greenhouse Gas Performance. Environmental Science & Technology, 2019, 53, 1766-1775.	10.0	40
20	Improving understanding of carbon storage in wood in landfills: Evidence from reactor studies. Waste Management, 2019, 85, 341-350.	7.4	7
21	Methods of Responsibly Managing End-of-Life Foams and Plastics Containing Flame Retardants: Part I. Environmental Engineering Science, 2018, 35, 573-587.	1.6	18
22	Introducing the new Editors-in-Chief and our vision for the journal. Waste Management, 2018, 72, 1-2.	7.4	2
23	Microbial ecological succession during municipal solid waste decomposition. Applied Microbiology and Biotechnology, 2018, 102, 5731-5740.	3.6	23
24	Application of a Life Cycle Model for European Union Policyâ€Đriven Waste Management Decision Making in Emerging Economies. Journal of Industrial Ecology, 2018, 22, 341-355.	5.5	20
25	The decay of engineered wood products and paper excavated from landfills in Australia. Waste Management, 2018, 74, 312-322.	7.4	26
26	Spatial and temporal characteristics of elevated temperatures in municipal solid waste landfills, Navid H. Jafari, Timothy D. Stark, and Todd Thalhamer, Waste Management, 2017, Vol. 59, p. 286â€“301. Waste Management, 2018, 71, 244-245.	7.4	2
27	Carbon dynamics of paper, engineered wood products and bamboo in landfills: evidence from reactor studies. Carbon Balance and Management, 2018, 13, 27.	3.2	3
28	Case study comparison of functional vs. organic stability approaches for assessing threat potential at closed landfills in the USA. Waste Management, 2018, 75, 415-426.	7.4	8
29	Evaluation of Externality Costs in Life-Cycle Optimization of Municipal Solid Waste Management Systems. Environmental Science & Technology, 2017, 51, 3119-3127.	10.0	52
30	National Estimate of Per- and Polyfluoroalkyl Substance (PFAS) Release to U.S. Municipal Landfill Leachate. Environmental Science & Technology, 2017, 51, 2197-2205.	10.0	236
31	Retrospective Analysis of Wisconsinâ€™s Landfill Organic Stability Rule. Journal of Environmental Engineering, ASCE, 2017, 143, .	1.4	7
32	A Model to Describe Heat Generation and Accumulation at Municipal Solid Waste Landfills. , 2017, , .		1
33	Life-Cycle Modeling of Municipal Solid Waste Landfills. , 2017, , .		1
34	Heat Generation and Accumulation in Municipal Solid Waste Landfills. Environmental Science & Technology, 2017, 51, 12434-12442.	10.0	70
35	A review of the airborne and waterborne emissions from uncontrolled solid waste disposal sites. Critical Reviews in Environmental Science and Technology, 2017, 47, 1003-1041.	12.8	16
36	WTE, Life Cycle Assessment Comparison to Landfilling. , 2017, , 1-23.		1

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37	Systematic Evaluation of Industrial, Commercial, and Institutional Food Waste Management Strategies in the United States. Environmental Science & Technology, 2016, 50, 8444-8452.	10.0	56
38	A batch assay to measure microbial hydrogen sulfide production from sulfur-containing solid wastes. Science of the Total Environment, 2016, 551-552, 23-31.	8.0	9
39	Decomposition and carbon storage of hardwood and softwood branches in laboratory-scale landfills. Science of the Total Environment, 2016, 557-558, 355-362.	8.0	22
40	Release of Per- and Polyfluoroalkyl Substances (PFASs) from Carpet and Clothing in Model Anaerobic Landfill Reactors. Environmental Science & Technology, 2016, 50, 5024-5032.	10.0	101
41	Characterization of municipal solid waste collection operations. Resources, Conservation and Recycling, 2016, 114, 92-102.	10.8	47
42	Chemical composition and methane potential of commercial food wastes. Waste Management, 2016, 56, 477-490.	7.4	48
43	Comparison of Field Measurements to Methane Emissions Models at a New Landfill. Environmental Science & Technology, 2016, 50, 9432-9441.	10.0	21
44	Determination of Sources of Organic Matter in Solid Waste by Analysis of Phenolic Copper Oxide Oxidation Products of Lignin. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	5
45	Characterizing the biotransformation of sulfur-containing wastes in simulated landfill reactors. Waste Management, 2016, 53, 82-91.	7.4	11
46	Lifecycle Process Model for Municipal Solid Waste Collection. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	20
47	Physical and Biological Release of Poly- and Perfluoroalkyl Substances (PFASs) from Municipal Solid Waste in Anaerobic Model Landfill Reactors. Environmental Science & Technology, 2015, 49, 7648-7656.	10.0	88
48	Measurement of chemical leaching potential of sulfate from landfill disposed sulfate containing wastes. Waste Management, 2015, 36, 191-196.	7.4	20
49	Characterization of Uncertainty in Estimation of Methane Collection from Select U.S. Landfills. Environmental Science & Technology, 2015, 49, 1545-1551.	10.0	21
50	Decomposition and carbon storage of selected paper products in laboratory-scale landfills. Science of the Total Environment, 2015, 532, 70-79.	8.0	33
51	The decay of wood in landfills in contrasting climates in Australia. Waste Management, 2015, 41, 101-110.	7.4	32
52	Leachate Quality Monitoring from Conventional, Retrofit, and Bio-Reactor Landfill Cells. Journal of Hazardous, Toxic, and Radioactive Waste, 2015, 19, 04015009.	2.0	1
53	Evaluation of Copper Oxide Oxidation for Quantification of Lignin in Municipal Solid Waste. Environmental Engineering Science, 2015, 32, 486-496.	1.6	6
54	Investigating landfill leachate as a source of trace organic pollutants. Chemosphere, 2015, 127, 269-275.	8.2	148

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55	Analysis of material recovery facilities for use in life-cycle assessment. Waste Management, 2015, 35, 307-317.	7.4	99
56	Municipal solid waste conversion to transportation fuels: a life-cycle estimation of global warming potential and energy consumption. Journal of Cleaner Production, 2014, 70, 145-153.	9.3	49
57	Evaluation of life cycle inventory data for recycling systems. Resources, Conservation and Recycling, 2014, 87, 30-45.	10.8	59
58	Chemical Changes during Anaerobic Decomposition of Hardwood, Softwood, and Old Newsprint under Mesophilic and Thermophilic Conditions. Journal of Agricultural and Food Chemistry, 2014, 62, 6362-6374.	5.2	27
59	Assessing methods to estimate emissions of non-methane organic compounds from landfills. Waste Management, 2014, 34, 2260-2270.	7.4	10
60	Systematic Exploration of Efficient Strategies to Manage Solid Waste in U.S. Municipalities: Perspectives from the Solid Waste Optimization Life-Cycle Framework (SWOLF). Environmental Science & Technology, 2014, 48, 3625-3631.	10.0	49
61	Orthogonal zirconium diol/C18 liquid chromatographyâ€“tandem mass spectrometry analysis of poly and perfluoroalkyl substances in landfill leachate. Journal of Chromatography A, 2014, 1359, 202-211.	3.7	71
62	Characterization of salt cake from secondary aluminum production. Journal of Hazardous Materials, 2014, 273, 192-199.	12.4	45
63	A generalized multistage optimization modeling framework for life cycle assessment-based integrated solid waste management. Environmental Modelling and Software, 2013, 50, 51-65.	4.5	78
64	Decomposition of forest products buried in landfills. Waste Management, 2013, 33, 2267-2276.	7.4	28
65	Liquid balance monitoring inside conventional, Retrofit, and bio-reactor landfill cells. Waste Management, 2013, 33, 2006-2014.	7.4	12
66	The Outer Loop bioreactor: A case study of settlement monitoring and solids decomposition. Waste Management, 2013, 33, 2035-2047.	7.4	28
67	The effect of aging on the bioavailability of toluene sorbed to municipal solid waste components. Chemosphere, 2013, 90, 251-259.	8.2	4
68	Measurement of carbon storage in landfills from the biogenic carbon content of excavated waste samples. Waste Management, 2013, 33, 2001-2005.	7.4	34
69	Using Observed Data To Improve Estimated Methane Collection from Select U.S. Landfills. Environmental Science & Technology, 2013, 47, 3251-3257.	10.0	40
70	Deer Track Bioreactor Experiment: Field-Scale Evaluation of Municipal Solid Waste Bioreactor Performance. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 658-670.	3.0	65
71	A new approach to characterize emission contributions from area sources during optical remote sensing technique testing. Journal of the Air and Waste Management Association, 2012, 62, 1403-1410.	1.9	4
72	Abiotic and Biotic Compression of Municipal Solid Waste. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 877-888.	3.0	33

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73	Improved methodology to assess modification and completion of landfill gas management in the aftercare period. Waste Management, 2012, 32, 2364-2373.	7.4	10
74	Fate and transport of phenol in a packed bed reactor containing simulated solid waste. Waste Management, 2012, 32, 327-334.	7.4	11
75	A review of approaches for the long-term management of municipal solid waste landfills. Waste Management, 2012, 32, 498-512.	7.4	212
76	Performance evaluation of an anaerobic/aerobic landfill-based digester using yard waste for energy and compost production. Waste Management, 2012, 32, 912-919.	7.4	28
77	Comparison of Bacteria and Archaea communities in municipal solid waste, individual refuse components, and leachate. FEMS Microbiology Ecology, 2012, 79, 465-473.	2.7	35
78	Life Cycle Comparison of Waste-to-Energy to Sanitary Landfill. , 2012, , 5909-5934.		1
79	Quantifying the Greenhouse Gas Emission Reductions Associated with Recycling Hot Mix Asphalt. Road Materials and Pavement Design, 2011, 12, 57-77.	4.0	14
80	What Is the Most Environmentally Beneficial Way to Treat Commercial Food Waste?. Environmental Science & Technology, 2011, 45, 7438-7444.	10.0	120
81	Is Biodegradability a Desirable Attribute for Discarded Solid Waste? Perspectives from a National Landfill Greenhouse Gas Inventory Model. Environmental Science & Technology, 2011, 45, 5470-5476.	10.0	90
82	Toward Identifying the Next Generation of Superfund and Hazardous Waste Site Contaminants. Environmental Health Perspectives, 2011, 119, 6-10.	6.0	24
83	Observations on the methane oxidation capacity of landfill soils. Waste Management, 2011, 31, 914-925.	7.4	65
84	Quantitative determination of fluorochemicals in municipal landfill leachates. Chemosphere, 2011, 82, 1380-1386.	8.2	139
85	Wood Biodegradation in Laboratory-Scale Landfills. Environmental Science & Technology, 2011, 45, 6864-6871.	10.0	66
86	Critical evaluation of solid waste sample processing for DNA-based microbial community analysis. Biodegradation, 2011, 22, 189-204.	3.0	19
87	A performance-based system for the long-term management of municipal waste landfills. Waste Management, 2011, 31, 649-662.	7.4	53
88	Effect of Spatial Differences in Microbial Activity, pH, and Substrate Levels on Methanogenesis Initiation in Refuse. Applied and Environmental Microbiology, 2011, 77, 2381-2391.	3.1	126
89	Effect of an acidic and readily-biodegradable non-hazardous industrial process waste on refuse decomposition. Waste Management, 2010, 30, 389-395.	7.4	2
90	Assessment of the state of food waste treatment in the United States and Canada. Waste Management, 2010, 30, 1486-1494.	7.4	157

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91	Models for waste life cycle assessment: Review of technical assumptions. Waste Management, 2010, 30, 2636-2648.	7.4	217
92	LCA comparison of windrow composting of yard wastes with use as alternative daily cover (ADC). Waste Management, 2010, 30, 2649-2656.	7.4	53
93	Special Issue on Innovations in Solid Waste Engineering and Management: The 2008 Global Waste Management Symposium. Journal of Environmental Engineering, ASCE, 2010, 136, 743-743.	1.4	0
94	Effect of biosolids on refuse decomposition and phosphorus cycling. Waste Management and Research, 2010, 28, 888-900.	3.9	1
95	Evaluation of Landfill Gas Decay Constant for Municipal Solid Waste Landfills Operated as Bioreactors. Journal of the Air and Waste Management Association, 2010, 60, 91-97.	1.9	61
96	Performance of North American Bioreactor Landfills. II: Chemical and Biological Characteristics. Journal of Environmental Engineering, ASCE, 2010, 136, 839-853.	1.4	66
97	Performance of North American Bioreactor Landfills. I: Leachate Hydrology and Waste Settlement. Journal of Environmental Engineering, ASCE, 2010, 136, 824-838.	1.4	61
98	Uncertainties Associated with the Use of Optical Remote Sensing Technique to Estimate Surface Emissions in Landfill Applications. Journal of the Air and Waste Management Association, 2010, 60, 460-470.	1.9	16
99	Factors Controlling Alkylbenzene and Tetrachloroethene Desorption from Municipal Solid Waste Components. Environmental Science & Technology, 2010, 44, 1123-1129.	10.0	4
100	Estimation of Waste Component-Specific Landfill Decay Rates Using Laboratory-Scale Decomposition Data. Environmental Science & Technology, 2010, 44, 4722-4728.	10.0	106
101	Impact of Plastics on Fate and Transport of Organic Contaminants in Landfills. Environmental Science & Technology, 2010, 44, 6396-6402.	10.0	40
102	Transport Behavior of Surrogate Biological Warfare Agents in a Simulated Landfill: Effect of Leachate Recirculation and Water Infiltration. Environmental Science & Technology, 2010, 44, 8622-8628.	10.0	4
103	Transport and release of chemicals from plastics to the environment and to wildlife. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2027-2045.	4.0	2,043
104	Landfill gas recovery. Environmental Science & Technology, 2009, 43, 2995-2995.	10.0	0
105	Accumulation and fragmentation of plastic debris in global environments. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1985-1998.	4.0	4,134
106	Controls on Landfill Gas Collection Efficiency: Instantaneous and Lifetime Performance. Journal of the Air and Waste Management Association, 2009, 59, 1399-1404.	1.9	91
107	Use of Life-Cycle Analysis To Support Solid Waste Management Planning for Delaware. Environmental Science & Technology, 2009, 43, 1264-1270.	10.0	40
108	Composition of Municipal Solid Waste in the United States and Implications for Carbon Sequestration and Methane Yield. Journal of Environmental Engineering, ASCE, 2009, 135, 901-909.	1.4	149

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109	A Review of Chemical Warfare Agent Simulants for the Study of Environmental Behavior. Critical Reviews in Environmental Science and Technology, 2008, 38, 112-136.	12.8	223
110	Development of a Coupled Reactor Model for Prediction of Organic Contaminant Fate in Landfills. Environmental Science & Technology, 2008, 42, 7444-7451.	10.0	15
111	Development of Quantitative Real-Time PCR Assays for Detection and Quantification of Surrogate Biological Warfare Agents in Building Debris and Leachate. Applied and Environmental Microbiology, 2007, 73, 6557-6565.	3.1	49
112	Shear Strength Parameters of Municipal Solid Waste with Leachate Recirculation. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2007, 133, 478-484.	3.0	44
113	Practice review of five bioreactor/recirculation landfills. Waste Management, 2007, 27, 13-29.	7.4	221
114	Fate of Chemical Warfare Agents and Toxic Industrial Chemicals in Landfills. Environmental Science & Technology, 2006, 40, 4219-4225.	10.0	46
115	Release of Trace Organic Compounds during the Decomposition of Municipal Solid Waste Components. Environmental Science & Technology, 2006, 40, 5984-5991.	10.0	118
116	Forest products decomposition in municipal solid waste landfills. Waste Management, 2006, 26, 321-333.	7.4	130
117	Policies for Strengthening Markets for Recyclables: A Worldwide Perspective. Critical Reviews in Environmental Science and Technology, 2006, 36, 287-326.	12.8	22
118	Spatial Heterogeneity of Microbial and Geochemical Parameters in Gasoline Contaminated Aquifers. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2004, 8, 105-118.	0.4	8
119	Biodegradation of 1,4-Dioxane Using Trickling Filter. Journal of Environmental Engineering, ASCE, 2004, 130, 926-931.	1.4	32
120	A Procedure for Life-Cycle-Based Solid Waste Management with Consideration of Uncertainty. Journal of Industrial Ecology, 2004, 8, 155-172.	5.5	21
121	Bioreactor landfills: progress continues. Waste Management, 2004, 24, 859-860.	7.4	18
122	Effect of Cellulose/Hemicellulose and Lignin on the Bioavailability of Toluene Sorbed to Waste Paper. Environmental Science & Technology, 2004, 38, 3731-3736.	10.0	24
123	Evaluation of a Biologically Active Cover for Mitigation of Landfill Gas Emissions. Environmental Science & Technology, 2004, 38, 4891-4899.	10.0	192
124	Distributed model of solid waste anaerobic digestion: Effects of leachate recirculation and pH adjustment. Biotechnology and Bioengineering, 2003, 81, 66-73.	3.3	115
125	Nitrogen management in bioreactor landfills. Waste Management, 2003, 23, 675-688.	7.4	135
126	The Second Intercontinental Landfill Research Symposium. Waste Management, 2003, 23, 557-559.	7.4	4

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127	Occurrence and Treatment of 1,4-Dioxane in Aqueous Environments. Environmental Engineering Science, 2003, 20, 423-432.	1.6	218
128	Relationship of Compressibility Parameters to Municipal Solid Waste Decomposition. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2003, 129, 1151-1158.	3.0	92
129	Integrated Solid Waste Management in the United States. Journal of Environmental Engineering, ASCE, 2003, 129, 583-584.	1.4	10
130	Modeling Cometabolism of Cyclic Ethers. Environmental Engineering Science, 2002, 19, 215-228.	1.6	22
131	Life-Cycle-based Solid Waste Management. II: Illustrative Applications. Journal of Environmental Engineering, ASCE, 2002, 128, 993-1005.	1.4	63
132	Anaerobic Biodegradation of Aliphatic Polyesters:Â Poly(3-hydroxybutyrate-co-3-hydroxyoctanoate) and Poly(Îµ-caprolactone). Biomacromolecules, 2002, 3, 813-822.	5.4	55
133	Critical Evaluation of Factors Required To Terminate the Postclosure Monitoring Period at Solid Waste Landfills. Environmental Science & Technology, 2002, 36, 3457-3464.	10.0	102
134	Refuse Decomposition in the Presence and Absence of Leachate Recirculation. Journal of Environmental Engineering, ASCE, 2002, 128, 228-236.	1.4	148
135	Life-Cycle-based Solid Waste Management. I: Model Development. Journal of Environmental Engineering, ASCE, 2002, 128, 981-992.	1.4	88
136	Present and Long-Term Composition of MSW Landfill Leachate: A Review. Critical Reviews in Environmental Science and Technology, 2002, 32, 297-336.	12.8	1,807
137	Factors Controlling Alkylbenzene Sorption to Municipal Solid Waste. Environmental Science & Technology, 2001, 35, 4569-4576.	10.0	61
138	Decision Support Tool for Life-Cycle-Based Solid Waste Management. Journal of Computing in Civil Engineering, 2001, 15, 44-58.	4.7	47
139	Mineralization of 1,4-dioxane in the presence of a structural analog. Biodegradation, 2000, 11, 239-246.	3.0	52
140	Landfill Methane Oxidation Response to Vegetation, Fertilization, and Liming. Journal of Environmental Quality, 2000, 29, 324-334.	2.0	78
141	Methane oxidation and microbial exopolymer production in landfill cover soil. Soil Biology and Biochemistry, 2000, 32, 457-467.	8.8	102
142	The fate of toluene, acetone and 1,2-dichloroethane in a laboratory-scale simulated landfill. Water Research, 2000, 34, 3063-3074.	11.3	26
143	A Life-Cycle Inventory Model of Municipal Solid Waste Combustion. Journal of the Air and Waste Management Association, 2000, 50, 993-1003.	1.9	52
144	Exopolysaccharide Control of Methane Oxidation in Landfill Cover Soil. Journal of Environmental Engineering, ASCE, 1999, 125, 1113-1123.	1.4	45

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145	Production of non-methane organic compounds during refuse decomposition in a laboratory-scale landfill. Waste Management and Research, 1999, 17, 205-211.	3.9	15
146	Influence of protozoan grazing on contaminant biodegradation. FEMS Microbiology Ecology, 1999, 29, 179-189.	2.7	61
147	Life Cycle Management of Municipal Solid Waste. International Journal of Life Cycle Assessment, 1999, 4, 195-201.	4.7	54
148	Production of non-methane organic compounds during refuse decomposition in a laboratory-scale landfill. Waste Management and Research, 1999, 17, 205-211.	3.9	3
149	Life-cycle inventory of a modern municipal solid waste landfill. Waste Management and Research, 1999, 17, 394-408.	3.9	2
150	Anaerobic biodegradability of alkylbenzenes and phenol by landfill derived microorganisms. FEMS Microbiology Ecology, 1998, 25, 405-418.	2.7	18
151	Testing Anaerobic Biodegradability of Polymers in a Laboratory-Scale Simulated Landfill. Environmental Science & Technology, 1998, 32, 821-827.	10.0	44
152	Carbon storage during biodegradation of municipal solid waste components in laboratory-scale landfills. Global Biogeochemical Cycles, 1998, 12, 373-380.	4.9	105
153	Determining Anaerobic BTEX Decay Rates in a Contaminated Aquifer. Journal of Hydrologic Engineering - ASCE, 1998, 3, 285-293.	1.9	6
154	Hydrogen Sulfide Production during Decomposition of Landfill Inputs. Journal of Environmental Engineering, ASCE, 1998, 124, 353-361.	1.4	39
155	Anaerobic Biodegradation of Alkylbenzenes in Laboratory Microcosms Representing Ambient Conditions. Bioremediation Journal, 1997, 1, 53-64.	2.0	21
156	Biodegradability of Municipal Solid Waste Components in Laboratory-Scale Landfills. Environmental Science & Technology, 1997, 31, 911-917.	10.0	236
157	METHANE POTENTIAL OF FOOD WASTE AND ANAEROBIC TOXICITY OF LEACHATE PRODUCED DURING FOOD WASTE DECOMPOSITION. Waste Management and Research, 1997, 15, 149-167.	3.9	13
158	Potential toxicity and aerobic biodegradability of sodium silicate chemical grout leachate. Environmental Toxicology and Chemistry, 1997, 16, 442-446.	4.3	0
159	Enumeration of Anaerobic Refuse-Decomposing Micro-Organisms On Refuse Constituents. Waste Management and Research, 1996, 14, 151-161.	3.9	5
160	Anaerobic biodegradation of alkylbenzenes and trichloroethylene in aquifer sediment down gradient of a sanitary landfill. Journal of Contaminant Hydrology, 1996, 23, 263-283.	3.3	44
161	Effect of Lime-Stabilized Sludge as Landfill Cover on Refuse Decomposition. Journal of Environmental Engineering, ASCE, 1995, 121, 499-506.	1.4	31
162	Anaerobic biodegradability of cellulose and hemicellulose in excavated refuse samples using a biochemical methane potential assay. Journal of Industrial Microbiology, 1994, 13, 147-153.	0.9	94

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163	Potential To Use Waste Tires as Supplemental Fuel in Pulp and Paper Mill Boilers, Cement Kilns and in Road Pavement. Waste Management and Research, 1993, 11, 463-480.	3.9	25
164	Framework for Assessment of Recycle Potential Applied to Plastics. Journal of Environmental Engineering, ASCE, 1993, 119, 798-810.	1.4	18
165	Leachate and gas generation. , 1993, , 113-136.		16
166	Microbial, Chemical and Methane Production Characteristics of Anaerobically Decomposed Refuse With and Without Leachate Recycling. Waste Management and Research, 1992, 10, 257-267.	3.9	41
167	Microbial, chemical and methane production characteristics of anaerobically decomposed refuse with and without leachate recycling. Waste Management and Research, 1992, 10, 257-267.	3.9	17
168	Methane production from municipal refuse: A review of enhancement techniques and microbial dynamics. Critical Reviews in Environmental Control, 1990, 19, 557-584.	0.7	249
169	Massâ€Balance Analysis of Anaerobically Decomposed Refuse. Journal of Environmental Engineering, ASCE, 1989, 115, 1088-1102.	1.4	148
170	Bacterial Population Development and Chemical Characteristics of Refuse Decomposition in a Simulated Sanitary Landfill. Applied and Environmental Microbiology, 1989, 55, 55-65.	3.1	297
171	LCA in Waste Management: Introduction to Principle and Method. , 0, , 111-136.		9
172	Landfilling: Gas Production, Extraction and Utilization. , 0, , 841-857.		1