

Morton A Barlaz

List of Publications by Year in descending order

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172
papers

16,690
citations

36691

53
h-index

17373

126
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176
all docs

176
docs citations

176
times ranked

15399
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. <i>Environmental Science and Technology Letters</i> , 2022, 9, 320-326.	3.9	36
2	Exploring alternative solid waste management strategies for achieving policy goals. <i>Engineering Optimization</i> , 2021, 53, 905-918.	1.5	3
3	Evaluation of the Temperature Range for Biological Activity in Landfills Experiencing Elevated Temperatures. <i>ACS ES&T Engineering</i> , 2021, 1, 216-227.	3.7	19
4	What Is the Best End Use for Compost Derived from the Organic Fraction of Municipal Solid Waste?. <i>Environmental Science & Technology</i> , 2021, 55, 73-81.	4.6	26
5	Development of Streamlined Life-Cycle Assessment for the Solid Waste Management System. <i>Environmental Science & Technology</i> , 2021, 55, 5475-5484.	4.6	12
6	Evidence of thermophilic waste decomposition at a landfill exhibiting elevated temperature regions. <i>Waste Management</i> , 2021, 124, 26-35.	3.7	14
7	Measurement of heat release during hydration and carbonation of ash disposed in landfills using an isothermal calorimeter. <i>Waste Management</i> , 2021, 124, 348-355.	3.7	8
8	Life-Cycle Assessment of a Regulatory Compliant U.S. Municipal Solid Waste Landfill. <i>Environmental Science & Technology</i> , 2021, 55, 13583-13592.	4.6	32
9	Critical review on PFOA, kidney cancer, and testicular cancer. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 1265-1276.	0.9	4
10	An Assessment of the Dynamic Global Warming Impact Associated with Long-Term Emissions from Landfills. <i>Environmental Science & Technology</i> , 2020, 54, 1304-1313.	4.6	22
11	Application of LCA modelling in integrated waste management. <i>Waste Management</i> , 2020, 118, 313-322.	3.7	93
12	Finite-Element Modeling of Landfills to Estimate Heat Generation, Transport, and Accumulation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	1.5	14
13	Abrasion Resistance of Concrete Exposed to Organic Acids. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	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. <i>Science of the Total Environment</i> , 2020, 723, 138031.	3.9	14
15	Evaluation of optimal model parameters for prediction of methane generation from selected U.S. landfills. <i>Waste Management</i> , 2019, 91, 120-127.	3.7	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. <i>Advances in Environmental Microbiology</i> , 2019, , 129-150.	0.1	5
18	Approaches to fill data gaps and evaluate process completeness in LCAâ€™ perspectives from solid waste management systems. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1587-1601.	2.2	12

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19	Solid Waste Management Policy Implications on Waste Process Choices and Systemwide Cost and Greenhouse Gas Performance. <i>Environmental Science & Technology</i> , 2019, 53, 1766-1775.	4.6	40
20	Improving understanding of carbon storage in wood in landfills: Evidence from reactor studies. <i>Waste Management</i> , 2019, 85, 341-350.	3.7	7
21	Methods of Responsibly Managing End-of-Life Foams and Plastics Containing Flame Retardants: Part I. <i>Environmental Engineering Science</i> , 2018, 35, 573-587.	0.8	18
22	Introducing the new Editors-in-Chief and our vision for the journal. <i>Waste Management</i> , 2018, 72, 1-2.	3.7	2
23	Microbial ecological succession during municipal solid waste decomposition. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5731-5740.	1.7	23
24	Application of a Life Cycle Model for European Union Policy-Driven Waste Management Decision Making in Emerging Economies. <i>Journal of Industrial Ecology</i> , 2018, 22, 341-355.	2.8	20
25	The decay of engineered wood products and paper excavated from landfills in Australia. <i>Waste Management</i> , 2018, 74, 312-322.	3.7	26
26	Spatial and temporal characteristics of elevated temperatures in municipal solid waste landfills, Navid H. Jafari, Timothy D. Stark, and Todd Thalhamer, <i>Waste Management</i> , 2017, Vol. 59, p. 286-301. <i>Waste Management</i> , 2018, 71, 244-245.	3.7	2
27	Carbon dynamics of paper, engineered wood products and bamboo in landfills: evidence from reactor studies. <i>Carbon Balance and Management</i> , 2018, 13, 27.	1.4	3
28	Case study comparison of functional vs. organic stability approaches for assessing threat potential at closed landfills in the USA. <i>Waste Management</i> , 2018, 75, 415-426.	3.7	8
29	Evaluation of Externality Costs in Life-Cycle Optimization of Municipal Solid Waste Management Systems. <i>Environmental Science & Technology</i> , 2017, 51, 3119-3127.	4.6	52
30	National Estimate of Per- and Polyfluoroalkyl Substance (PFAS) Release to U.S. Municipal Landfill Leachate. <i>Environmental Science & Technology</i> , 2017, 51, 2197-2205.	4.6	236
31	Retrospective Analysis of Wisconsin's Landfill Organic Stability Rule. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	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. <i>Environmental Science & Technology</i> , 2017, 51, 12434-12442.	4.6	70
35	A review of the airborne and waterborne emissions from uncontrolled solid waste disposal sites. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 1003-1041.	6.6	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. <i>Environmental Science & Technology</i> , 2016, 50, 8444-8452.	4.6	56
38	A batch assay to measure microbial hydrogen sulfide production from sulfur-containing solid wastes. <i>Science of the Total Environment</i> , 2016, 551-552, 23-31.	3.9	9
39	Decomposition and carbon storage of hardwood and softwood branches in laboratory-scale landfills. <i>Science of the Total Environment</i> , 2016, 557-558, 355-362.	3.9	22
40	Release of Per- and Polyfluoroalkyl Substances (PFASs) from Carpet and Clothing in Model Anaerobic Landfill Reactors. <i>Environmental Science & Technology</i> , 2016, 50, 5024-5032.	4.6	101
41	Characterization of municipal solid waste collection operations. <i>Resources, Conservation and Recycling</i> , 2016, 114, 92-102.	5.3	47
42	Chemical composition and methane potential of commercial food wastes. <i>Waste Management</i> , 2016, 56, 477-490.	3.7	48
43	Comparison of Field Measurements to Methane Emissions Models at a New Landfill. <i>Environmental Science & Technology</i> , 2016, 50, 9432-9441.	4.6	21
44	Determination of Sources of Organic Matter in Solid Waste by Analysis of Phenolic Copper Oxide Oxidation Products of Lignin. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	5
45	Characterizing the biotransformation of sulfur-containing wastes in simulated landfill reactors. <i>Waste Management</i> , 2016, 53, 82-91.	3.7	11
46	Lifecycle Process Model for Municipal Solid Waste Collection. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	20
47	Physical and Biological Release of Poly- and Perfluoroalkyl Substances (PFASs) from Municipal Solid Waste in Anaerobic Model Landfill Reactors. <i>Environmental Science & Technology</i> , 2015, 49, 7648-7656.	4.6	88
48	Measurement of chemical leaching potential of sulfate from landfill disposed sulfate containing wastes. <i>Waste Management</i> , 2015, 36, 191-196.	3.7	20
49	Characterization of Uncertainty in Estimation of Methane Collection from Select U.S. Landfills. <i>Environmental Science & Technology</i> , 2015, 49, 1545-1551.	4.6	21
50	Decomposition and carbon storage of selected paper products in laboratory-scale landfills. <i>Science of the Total Environment</i> , 2015, 532, 70-79.	3.9	33
51	The decay of wood in landfills in contrasting climates in Australia. <i>Waste Management</i> , 2015, 41, 101-110.	3.7	32
52	Leachate Quality Monitoring from Conventional, Retrofit, and Bio-Reactor Landfill Cells. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2015, 19, 04015009.	1.2	1
53	Evaluation of Copper Oxide Oxidation for Quantification of Lignin in Municipal Solid Waste. <i>Environmental Engineering Science</i> , 2015, 32, 486-496.	0.8	6
54	Investigating landfill leachate as a source of trace organic pollutants. <i>Chemosphere</i> , 2015, 127, 269-275.	4.2	148

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55	Analysis of material recovery facilities for use in life-cycle assessment. <i>Waste Management</i> , 2015, 35, 307-317.	3.7	99
56	Municipal solid waste conversion to transportation fuels: a life-cycle estimation of global warming potential and energy consumption. <i>Journal of Cleaner Production</i> , 2014, 70, 145-153.	4.6	49
57	Evaluation of life cycle inventory data for recycling systems. <i>Resources, Conservation and Recycling</i> , 2014, 87, 30-45.	5.3	59
58	Chemical Changes during Anaerobic Decomposition of Hardwood, Softwood, and Old Newsprint under Mesophilic and Thermophilic Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6362-6374.	2.4	27
59	Assessing methods to estimate emissions of non-methane organic compounds from landfills. <i>Waste Management</i> , 2014, 34, 2260-2270.	3.7	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). <i>Environmental Science & Technology</i> , 2014, 48, 3625-3631.	4.6	49
61	Orthogonal zirconium diol/C18 liquid chromatography-tandem mass spectrometry analysis of poly and perfluoroalkyl substances in landfill leachate. <i>Journal of Chromatography A</i> , 2014, 1359, 202-211.	1.8	71
62	Characterization of salt cake from secondary aluminum production. <i>Journal of Hazardous Materials</i> , 2014, 273, 192-199.	6.5	45
63	A generalized multistage optimization modeling framework for life cycle assessment-based integrated solid waste management. <i>Environmental Modelling and Software</i> , 2013, 50, 51-65.	1.9	78
64	Decomposition of forest products buried in landfills. <i>Waste Management</i> , 2013, 33, 2267-2276.	3.7	28
65	Liquid balance monitoring inside conventional, Retrofit, and bio-reactor landfill cells. <i>Waste Management</i> , 2013, 33, 2006-2014.	3.7	12
66	The Outer Loop bioreactor: A case study of settlement monitoring and solids decomposition. <i>Waste Management</i> , 2013, 33, 2035-2047.	3.7	28
67	The effect of aging on the bioavailability of toluene sorbed to municipal solid waste components. <i>Chemosphere</i> , 2013, 90, 251-259.	4.2	4
68	Measurement of carbon storage in landfills from the biogenic carbon content of excavated waste samples. <i>Waste Management</i> , 2013, 33, 2001-2005.	3.7	34
69	Using Observed Data To Improve Estimated Methane Collection from Select U.S. Landfills. <i>Environmental Science & Technology</i> , 2013, 47, 3251-3257.	4.6	40
70	Deer Track Bioreactor Experiment: Field-Scale Evaluation of Municipal Solid Waste Bioreactor Performance. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 658-670.	1.5	65
71	A new approach to characterize emission contributions from area sources during optical remote sensing technique testing. <i>Journal of the Air and Waste Management Association</i> , 2012, 62, 1403-1410.	0.9	4
72	Abiotic and Biotic Compression of Municipal Solid Waste. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 877-888.	1.5	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.	3.7	10
74	Fate and transport of phenol in a packed bed reactor containing simulated solid waste. Waste Management, 2012, 32, 327-334.	3.7	11
75	A review of approaches for the long-term management of municipal solid waste landfills. Waste Management, 2012, 32, 498-512.	3.7	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.	3.7	28
77	Comparison of Bacteria and Archaea communities in municipal solid waste, individual refuse components, and leachate. FEMS Microbiology Ecology, 2012, 79, 465-473.	1.3	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.	2.0	14
80	What Is the Most Environmentally Beneficial Way to Treat Commercial Food Waste?. Environmental Science & Technology, 2011, 45, 7438-7444.	4.6	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.	4.6	90
82	Toward Identifying the Next Generation of Superfund and Hazardous Waste Site Contaminants. Environmental Health Perspectives, 2011, 119, 6-10.	2.8	24
83	Observations on the methane oxidation capacity of landfill soils. Waste Management, 2011, 31, 914-925.	3.7	65
84	Quantitative determination of fluorochemicals in municipal landfill leachates. Chemosphere, 2011, 82, 1380-1386.	4.2	139
85	Wood Biodegradation in Laboratory-Scale Landfills. Environmental Science & Technology, 2011, 45, 6864-6871.	4.6	66
86	Critical evaluation of solid waste sample processing for DNA-based microbial community analysis. Biodegradation, 2011, 22, 189-204.	1.5	19
87	A performance-based system for the long-term management of municipal waste landfills. Waste Management, 2011, 31, 649-662.	3.7	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.	1.4	126
89	Effect of an acidic and readily-biodegradable non-hazardous industrial process waste on refuse decomposition. Waste Management, 2010, 30, 389-395.	3.7	2
90	Assessment of the state of food waste treatment in the United States and Canada. Waste Management, 2010, 30, 1486-1494.	3.7	157

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91	Models for waste life cycle assessment: Review of technical assumptions. Waste Management, 2010, 30, 2636-2648.	3.7	217
92	LCA comparison of windrow composting of yard wastes with use as alternative daily cover (ADC). Waste Management, 2010, 30, 2649-2656.	3.7	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.	0.7	0
94	Effect of biosolids on refuse decomposition and phosphorus cycling. Waste Management and Research, 2010, 28, 888-900.	2.2	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.	0.9	61
96	Performance of North American Bioreactor Landfills. II: Chemical and Biological Characteristics. Journal of Environmental Engineering, ASCE, 2010, 136, 839-853.	0.7	66
97	Performance of North American Bioreactor Landfills. I: Leachate Hydrology and Waste Settlement. Journal of Environmental Engineering, ASCE, 2010, 136, 824-838.	0.7	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.	0.9	16
99	Factors Controlling Alkylbenzene and Tetrachloroethene Desorption from Municipal Solid Waste Components. Environmental Science & Technology, 2010, 44, 1123-1129.	4.6	4
100	Estimation of Waste Component-Specific Landfill Decay Rates Using Laboratory-Scale Decomposition Data. Environmental Science & Technology, 2010, 44, 4722-4728.	4.6	106
101	Impact of Plastics on Fate and Transport of Organic Contaminants in Landfills. Environmental Science & Technology, 2010, 44, 6396-6402.	4.6	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.	4.6	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.	1.8	2,043
104	Landfill gas recovery. Environmental Science & Technology, 2009, 43, 2995-2995.	4.6	0
105	Accumulation and fragmentation of plastic debris in global environments. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1985-1998.	1.8	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.	0.9	91
107	Use of Life-Cycle Analysis To Support Solid Waste Management Planning for Delaware. Environmental Science & Technology, 2009, 43, 1264-1270.	4.6	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.	0.7	149

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109	A Review of Chemical Warfare Agent Simulants for the Study of Environmental Behavior. <i>Critical Reviews in Environmental Science and Technology</i> , 2008, 38, 112-136.	6.6	223
110	Development of a Coupled Reactor Model for Prediction of Organic Contaminant Fate in Landfills. <i>Environmental Science & Technology</i> , 2008, 42, 7444-7451.	4.6	15
111	Development of Quantitative Real-Time PCR Assays for Detection and Quantification of Surrogate Biological Warfare Agents in Building Debris and Leachate. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6557-6565.	1.4	49
112	Shear Strength Parameters of Municipal Solid Waste with Leachate Recirculation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007, 133, 478-484.	1.5	44
113	Practice review of five bioreactor/recirculation landfills. <i>Waste Management</i> , 2007, 27, 13-29.	3.7	221
114	Fate of Chemical Warfare Agents and Toxic Industrial Chemicals in Landfills. <i>Environmental Science & Technology</i> , 2006, 40, 4219-4225.	4.6	46
115	Release of Trace Organic Compounds during the Decomposition of Municipal Solid Waste Components. <i>Environmental Science & Technology</i> , 2006, 40, 5984-5991.	4.6	118
116	Forest products decomposition in municipal solid waste landfills. <i>Waste Management</i> , 2006, 26, 321-333.	3.7	130
117	Policies for Strengthening Markets for Recyclables: A Worldwide Perspective. <i>Critical Reviews in Environmental Science and Technology</i> , 2006, 36, 287-326.	6.6	22
118	Spatial Heterogeneity of Microbial and Geochemical Parameters in Gasoline Contaminated Aquifers. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2004, 8, 105-118.	0.4	8
119	Biodegradation of 1,4-Dioxane Using Trickling Filter. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 926-931.	0.7	32
120	A Procedure for Life-Cycle-Based Solid Waste Management with Consideration of Uncertainty. <i>Journal of Industrial Ecology</i> , 2004, 8, 155-172.	2.8	21
121	Bioreactor landfills: progress continues. <i>Waste Management</i> , 2004, 24, 859-860.	3.7	18
122	Effect of Cellulose/Hemicellulose and Lignin on the Bioavailability of Toluene Sorbed to Waste Paper. <i>Environmental Science & Technology</i> , 2004, 38, 3731-3736.	4.6	24
123	Evaluation of a Biologically Active Cover for Mitigation of Landfill Gas Emissions. <i>Environmental Science & Technology</i> , 2004, 38, 4891-4899.	4.6	192
124	Distributed model of solid waste anaerobic digestion: Effects of leachate recirculation and pH adjustment. <i>Biotechnology and Bioengineering</i> , 2003, 81, 66-73.	1.7	115
125	Nitrogen management in bioreactor landfills. <i>Waste Management</i> , 2003, 23, 675-688.	3.7	135
126	The Second Intercontinental Landfill Research Symposium. <i>Waste Management</i> , 2003, 23, 557-559.	3.7	4

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127	Occurrence and Treatment of 1,4-Dioxane in Aqueous Environments. Environmental Engineering Science, 2003, 20, 423-432.	0.8	218
128	Relationship of Compressibility Parameters to Municipal Solid Waste Decomposition. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2003, 129, 1151-1158.	1.5	92
129	Integrated Solid Waste Management in the United States. Journal of Environmental Engineering, ASCE, 2003, 129, 583-584.	0.7	10
130	Modeling Cometabolism of Cyclic Ethers. Environmental Engineering Science, 2002, 19, 215-228.	0.8	22
131	Life-Cycle-based Solid Waste Management. II: Illustrative Applications. Journal of Environmental Engineering, ASCE, 2002, 128, 993-1005.	0.7	63
132	Anaerobic Biodegradation of Aliphatic Polyesters: Poly(3-hydroxybutyrate-co-3-hydroxyoctanoate) and Poly(ϵ -caprolactone). Biomacromolecules, 2002, 3, 813-822.	2.6	55
133	Critical Evaluation of Factors Required To Terminate the Postclosure Monitoring Period at Solid Waste Landfills. Environmental Science & Technology, 2002, 36, 3457-3464.	4.6	102
134	Refuse Decomposition in the Presence and Absence of Leachate Recirculation. Journal of Environmental Engineering, ASCE, 2002, 128, 228-236.	0.7	148
135	Life-Cycle-based Solid Waste Management. I: Model Development. Journal of Environmental Engineering, ASCE, 2002, 128, 981-992.	0.7	88
136	Present and Long-Term Composition of MSW Landfill Leachate: A Review. Critical Reviews in Environmental Science and Technology, 2002, 32, 297-336.	6.6	1,807
137	Factors Controlling Alkylbenzene Sorption to Municipal Solid Waste. Environmental Science & Technology, 2001, 35, 4569-4576.	4.6	61
138	Decision Support Tool for Life-Cycle-Based Solid Waste Management. Journal of Computing in Civil Engineering, 2001, 15, 44-58.	2.5	47
139	Mineralization of 1,4-dioxane in the presence of a structural analog. Biodegradation, 2000, 11, 239-246.	1.5	52
140	Landfill Methane Oxidation Response to Vegetation, Fertilization, and Liming. Journal of Environmental Quality, 2000, 29, 324-334.	1.0	78
141	Methane oxidation and microbial exopolymer production in landfill cover soil. Soil Biology and Biochemistry, 2000, 32, 457-467.	4.2	102
142	The fate of toluene, acetone and 1,2-dichloroethane in a laboratory-scale simulated landfill. Water Research, 2000, 34, 3063-3074.	5.3	26
143	A Life-Cycle Inventory Model of Municipal Solid Waste Combustion. Journal of the Air and Waste Management Association, 2000, 50, 993-1003.	0.9	52
144	Exopolysaccharide Control of Methane Oxidation in Landfill Cover Soil. Journal of Environmental Engineering, ASCE, 1999, 125, 1113-1123.	0.7	45

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145	Production of non-methane organic compounds during refuse decomposition in a laboratory-scale landfill. <i>Waste Management and Research</i> , 1999, 17, 205-211.	2.2	15
146	Influence of protozoan grazing on contaminant biodegradation. <i>FEMS Microbiology Ecology</i> , 1999, 29, 179-189.	1.3	61
147	Life Cycle Management of Municipal Solid Waste. <i>International Journal of Life Cycle Assessment</i> , 1999, 4, 195-201.	2.2	54
148	Production of non-methane organic compounds during refuse decomposition in a laboratory-scale landfill. <i>Waste Management and Research</i> , 1999, 17, 205-211.	2.2	3
149	Life-cycle inventory of a modern municipal solid waste landfill. <i>Waste Management and Research</i> , 1999, 17, 394-408.	2.2	2
150	Anaerobic biodegradability of alkylbenzenes and phenol by landfill derived microorganisms. <i>FEMS Microbiology Ecology</i> , 1998, 25, 405-418.	1.3	18
151	Testing Anaerobic Biodegradability of Polymers in a Laboratory-Scale Simulated Landfill. <i>Environmental Science & Technology</i> , 1998, 32, 821-827.	4.6	44
152	Carbon storage during biodegradation of municipal solid waste components in laboratory-scale landfills. <i>Global Biogeochemical Cycles</i> , 1998, 12, 373-380.	1.9	105
153	Determining Anaerobic BTEX Decay Rates in a Contaminated Aquifer. <i>Journal of Hydrologic Engineering - ASCE</i> , 1998, 3, 285-293.	0.8	6
154	Hydrogen Sulfide Production during Decomposition of Landfill Inputs. <i>Journal of Environmental Engineering, ASCE</i> , 1998, 124, 353-361.	0.7	39
155	Anaerobic Biodegradation of Alkylbenzenes in Laboratory Microcosms Representing Ambient Conditions. <i>Bioremediation Journal</i> , 1997, 1, 53-64.	1.0	21
156	Biodegradability of Municipal Solid Waste Components in Laboratory-Scale Landfills. <i>Environmental Science & Technology</i> , 1997, 31, 911-917.	4.6	236
157	METHANE POTENTIAL OF FOOD WASTE AND ANAEROBIC TOXICITY OF LEACHATE PRODUCED DURING FOOD WASTE DECOMPOSITION. <i>Waste Management and Research</i> , 1997, 15, 149-167.	2.2	13
158	Potential toxicity and aerobic biodegradability of sodium silicate chemical grout leachate. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 442-446.	2.2	0
159	Enumeration of Anaerobic Refuse-Decomposing Micro-Organisms On Refuse Constituents. <i>Waste Management and Research</i> , 1996, 14, 151-161.	2.2	5
160	Anaerobic biodegradation of alkylbenzenes and trichloroethylene in aquifer sediment down gradient of a sanitary landfill. <i>Journal of Contaminant Hydrology</i> , 1996, 23, 263-283.	1.6	44
161	Effect of Lime-Stabilized Sludge as Landfill Cover on Refuse Decomposition. <i>Journal of Environmental Engineering, ASCE</i> , 1995, 121, 499-506.	0.7	31
162	Anaerobic biodegradability of cellulose and hemicellulose in excavated refuse samples using a biochemical methane potential assay. <i>Journal of Industrial Microbiology</i> , 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.	2.2	25
164	Framework for Assessment of Recycle Potential Applied to Plastics. Journal of Environmental Engineering, ASCE, 1993, 119, 798-810.	0.7	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.	2.2	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.	2.2	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
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