

# Shin-ichi Sakai

## 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.

148 papers	5,742 citations	39 h-index	73 g-index
150 ext. papers	6,166 ext. citations	5.9 avg, IF	5.65 L-index

#	Paper	IF	Citations
148	Use of comprehensive target analysis for determination of contaminants of emerging concern in a sediment core collected from Beppu Bay, Japan. <i>Environmental Pollution</i> , <b>2021</b> , 272, 115587	9.3	4
147	Emission of Dioxin-like Compounds and Flame Retardants from Commercial Facilities Handling Deca-BDE and Their Downstream Sewage Treatment Plants. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 2324-2335	10.3	5
146	PCB Emission Reduction Effects of Production Bans, Use Bans and Destruction. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , <b>2021</b> , 32, 20-30	0.1	
145	How Specification Changes for a Long-life Product Effect the Disposal Trend. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , <b>2021</b> , 32, 1-10	0.1	
144	Comparison of end-of-life vehicle material flows for reuse, material recycling, and energy recovery between Japan and the European Union. <i>Journal of Material Cycles and Waste Management</i> , <b>2021</b> , 23, 644-663	3.4	0
143	Factors affecting multiple persistent organic pollutant concentrations in the air above Japan: A panel data analysis. <i>Chemosphere</i> , <b>2021</b> , 277, 130356	8.4	3
142	Gas and tar generation behavior during flash pyrolysis of wood pellet and plastic. <i>Journal of Material Cycles and Waste Management</i> , <b>2020</b> , 22, 547-555	3.4	4
141	Dynamic stock, flow, and emissions of brominated flame retardants for vehicles in Japan. <i>Journal of Cleaner Production</i> , <b>2019</b> , 232, 910-924	10.3	5
140	Analysis of mismanaged plastic waste in Samoa to suggest proper waste management in Pacific island countries. <i>Waste Management and Research</i> , <b>2019</b> , 37, 1207-1216	4	2
139	Resource and toxic characterization in end-of-life vehicles through dismantling survey. <i>Journal of Material Cycles and Waste Management</i> , <b>2019</b> , 21, 1488-1504	3.4	5
138	Collaborative Efforts of Disaster Waste Management Regions. <i>Material Cycles and Waste Management Research</i> , <b>2019</b> , 30, 310-319	0	
137	Field study of disaster waste management and disposal status of debris after Gorkha Earthquake in Kathmandu, Nepal. <i>Journal of Material Cycles and Waste Management</i> , <b>2019</b> , 21, 753-765	3.4	5
136	Characteristics of gas from the fluidized bed gasification of refuse paper and plastic fuel (RPF) and wood biomass. <i>Waste Management</i> , <b>2019</b> , 87, 173-182	8.6	12
135	Recycling Potentials of Precious Metals from End-of-Life Vehicle Parts by Selective Dismantling. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 733-742	10.3	25
134	Establishment of unit generation rates of building debris in Kathmandu Valley, Nepal, after the Gorkha earthquake. <i>Journal of Material Cycles and Waste Management</i> , <b>2018</b> , 20, 1663-1675	3.4	7
133	Thermal destruction of wastes containing polychlorinated naphthalenes in an industrial waste incinerator. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31819-31827	5.1	11
132	Evaluation of thermally treated asbestos based on fiber number concentration determined by transmission electron microscopy. <i>Journal of Material Cycles and Waste Management</i> , <b>2018</b> , 20, 214-222	3.4	6

131	Monitoring environmental burden reduction from household waste prevention. <i>Waste Management</i> , <b>2018</b> , 71, 2-9	8.6	18
130	Measurement of Vapor Pressures and Melting Properties of Five Polybrominated Aromatic Flame Retardants. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 2578-2585	2.8	3
129	Waste prevention for sustainable resource and waste management. <i>Journal of Material Cycles and Waste Management</i> , <b>2017</b> , 19, 1295-1313	3.4	35
128	Correlation between Atmospheric Boundary Layer Height and Polybrominated Diphenyl Ether Concentrations in Air. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 356-364	10.3	9
127	In-use polybrominated diphenyl ether (PBDE) stocks and atmospheric emissions in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2017</b> , 19, 1342-1350	3.4	3
126	Municipal solid waste composition and food loss reduction in Kyoto City. <i>Journal of Material Cycles and Waste Management</i> , <b>2017</b> , 19, 1351-1360	3.4	16
125	Environmental Behavior of PCBs at Waste Storage Sites and Effects of PCB Waste Elimination Measures. <i>Material Cycles and Waste Management Research</i> , <b>2017</b> , 28, 143-148	0	1
124	Energy recovery and greenhouse gas reduction potential from food waste in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2016</b> , 18, 631-645	3.4	10
123	Rare earth element recovery potentials from end-of-life hybrid electric vehicle components in 2010-2030. <i>Journal of Material Cycles and Waste Management</i> , <b>2016</b> , 18, 655-664	3.4	45
122	Factors influencing atmospheric concentrations of polybrominated diphenyl ethers in Japan. <i>Chemosphere</i> , <b>2016</b> , 144, 2073-80	8.4	15
121	Waste prevention indicators and their implications from a life cycle perspective: a review. <i>Journal of Material Cycles and Waste Management</i> , <b>2016</b> , 18, 38-56	3.4	21
120	Perspectives of Waste Prevention and Recycling. <i>Material Cycles and Waste Management Research</i> , <b>2016</b> , 27, 209-217	0	
119	Principles for using Renewable Resources and Measures for Waste Prevention. <i>Material Cycles and Waste Management Research</i> , <b>2016</b> , 27, 290-299	0	
118	Scenario analysis for recovery of rare earth elements from end-of-life vehicles. <i>Journal of Material Cycles and Waste Management</i> , <b>2016</b> , 18, 469-482	3.4	26
117	Environmental Control Challenges of Dioxins, Polychlorinated Biphenyls, and Brominated Flame Retardants. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 29-50	0.8	
116	Life cycle assessment of hydrogenated biodiesel production from waste cooking oil using the catalytic cracking and hydrogenation method. <i>Waste Management</i> , <b>2015</b> , 38, 409-23	8.6	23
115	Comparative Review of Waste Prevention Policies in the EU and Japan. <i>Material Cycles and Waste Management Research</i> , <b>2015</b> , 26, 290-304	0	
114	Development of a testing method for asbestos fibers in treated materials of asbestos containing wastes by transmission electron microscopy. <i>Waste Management</i> , <b>2014</b> , 34, 536-41	8.6	9

113	An international comparative study of end-of-life vehicle (ELV) recycling systems. <i>Journal of Material Cycles and Waste Management</i> , <b>2014</b> , 16, 1-20	3.4	142
112	Greenhouse gas emissions from the treatment of household plastic containers and packaging: replacement with biomass-based materials. <i>Waste Management and Research</i> , <b>2014</b> , 32, 304-16	4	13
111	Measurement of Vapor Pressures of Selected PBDEs, Hexabromobenzene, and 1,2-Bis(2,4,6-tribromophenoxy)ethane at Elevated Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 8-15	2.8	21
110	Estimation of physicochemical properties of 52 non-PBDE brominated flame retardants and evaluation of their overall persistence and long-range transport potential. <i>Science of the Total Environment</i> , <b>2014</b> , 491-492, 108-17	10.2	23
109	Dynamic flow analysis of current and future end-of-life vehicles generation and lead content in automobile shredder residue. <i>Journal of Material Cycles and Waste Management</i> , <b>2014</b> , 16, 52-61	3.4	17
108	Outlook for Municipal Solid Waste Management Strategies Aimed at Promoting Reduction and Recycling of Food Waste. <i>Material Cycles and Waste Management Research</i> , <b>2014</b> , 25, 55-68	0	1
107	Strategy for separation and treatment of disaster waste: a manual for earthquake and tsunami disaster waste management in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2013</b> , 15, 290-299	3.4	36
106	Greenhouse gas emissions from biogenic waste treatment: options and uncertainty. <i>Journal of Material Cycles and Waste Management</i> , <b>2013</b> , 15, 49-60	3.4	5
105	Li-ion battery recycling and cobalt flow analysis in Japan. <i>Resources, Conservation and Recycling</i> , <b>2013</b> , 81, 52-59	11.9	32
104	Recent Findings and Future Perspectives on the Occurrence and Control of Brominated Dioxins. <i>Journal of Environmental Chemistry</i> , <b>2013</b> , 23, 129-135	0.3	
103	Demonstration study of high temperature melting for asbestos-containing waste (ACW). <i>Journal of Material Cycles and Waste Management</i> , <b>2013</b> , 15, 25-36	3.4	12
102	Behavior of PCDD/Fs during open burning of municipal solid waste in open dumping sites. <i>Journal of Material Cycles and Waste Management</i> , <b>2013</b> , 15, 229-241	3.4	9
101	Similarities in the endocrine-disrupting potencies of indoor dust and flame retardants by using human osteosarcoma (U2OS) cell-based reporter gene assays. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2898-908	10.3	73
100	Intra- and Inter-laboratory Comparison on Radiocesium in Radiation-contaminated Waste Samples: Results for Surface Soils, Fly Ash, Bottom Ash, and Molten Slag. <i>Bunseki Kagaku</i> , <b>2013</b> , 62, 485-497	0.2	
99	Life-cycle greenhouse gas inventory analysis of household waste management and food waste reduction activities in Kyoto, Japan. <i>International Journal of Life Cycle Assessment</i> , <b>2012</b> , 17, 743-752	4.6	39
98	Life Cycle Assessment for Treatment and Recycling of Automobile Shredder Residue (ASR). <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , <b>2012</b> , 23, 264-278	0.1	5
97	Presumption of Metal Amount and Waste Behaviors of Used Small Batteries in Japan. <i>Material Cycles and Waste Management Research</i> , <b>2012</b> , 23, 268-279	0	1
96	Solid-Liquid Equilibria in Fatty Acid/Triglycerol Systems. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 1613-1616	2.8	18

95	Design optimization and standardization of an environmental availability test under both acidic and alkaline conditions. <i>Journal of Material Cycles and Waste Management</i> , <b>2011</b> , 13, 56-67	3-4	3
94	Consumer perspectives on household hazardous waste management in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2011</b> , 13, 10-24	3-4	9
93	International comparative study of 3R and waste management policy developments. <i>Journal of Material Cycles and Waste Management</i> , <b>2011</b> , 13, 86-102	3-4	135
92	De-emulsification of mixtures containing glycerin and fatty acid methyl ester promoted by dimethyl ether co-solvent. <i>Chemical Engineering Journal</i> , <b>2011</b> , 169, 226-230	14-7	7
91	Dioxin-like activity in Japanese indoor dusts evaluated by means of in vitro bioassay and instrumental analysis: brominated dibenzofurans are an important contributor. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 8330-6	10-3	39
90	Screening of dioxin-like compounds in bio-composts and their materials: chemical analysis and fractionation-directed evaluation of AhR ligand activities using an in vitro bioassay. <i>Journal of Environmental Monitoring</i> , <b>2010</b> , 12, 2080-7		6
89	Recycling and Chemical Management of End-of-life Vehicles. <i>Material Cycles and Waste Management Research</i> , <b>2010</b> , 21, 103-110	0	1
88	Japan's waste management policies for dioxins and polychlorinated biphenyls. <i>Journal of Material Cycles and Waste Management</i> , <b>2009</b> , 11, 229-243	3-4	17
87	Application of UNIFAC models for prediction of vapor-liquid and liquid-liquid equilibria relevant to separation and purification processes of crude biodiesel fuel. <i>Fuel</i> , <b>2009</b> , 88, 1472-1477	7-1	68
86	Existence state of bromine as an indicator of the source of brominated flame retardants in indoor dust. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 1437-42	10-3	69
85	Flame retardants in indoor dust and air of a hotel in Japan. <i>Environment International</i> , <b>2009</b> , 35, 688-93	12-9	106
84	Brominated flame retardants and other polyhalogenated compounds in indoor air and dust from two houses in Japan. <i>Chemosphere</i> , <b>2009</b> , 76, 270-7	8-4	168
83	Life-cycle flow of mercury and recycling scenario of fluorescent lamps in Japan. <i>Science of the Total Environment</i> , <b>2008</b> , 393, 1-10	10-2	37
82	Phase Equilibrium of Biodiesel Compounds for the Triolein + Palmitic Acid + Methanol System with Dimethyl Ether as Cosolvent. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2008</b> , 53, 973-977	2-8	12
81	Levels of polychlorinated dibenzo-p-dioxins and dibenzofurans in China and chemometric analysis of potential emission sources. <i>Chemosphere</i> , <b>2008</b> , 70, 703-11	8-4	34
80	Potential source and emission analysis of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in China. <i>Chemosphere</i> , <b>2008</b> , 73, S72-7	8-4	38
79	Transfer of brominated flame retardants from components into dust inside television cabinets. <i>Chemosphere</i> , <b>2008</b> , 73, 161-9	8-4	101
78	Effects of pH on the water solubility and 1-octanol-water partition coefficient of 2,4,6-tribromophenol. <i>Journal of Environmental Monitoring</i> , <b>2008</b> , 10, 206-10		3

77	Chemical and bioassay monitoring of PCB-contaminated soil remediation using solvent extraction technology. <i>Journal of Environmental Monitoring</i> , <b>2008</b> , 10, 198-205		10
76	Superfast Transesterification of Triolein Using Dimethyl Ether and a Method for High-Yield Transesterification. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 10076-10079	3.9	19
75	Identification of brominated and chlorinated phenols as potential thyroid-disrupting compounds in indoor dusts. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 1794-800	10.3	66
74	Perinatal exposure to brominated flame retardants and polychlorinated biphenyls in Japan. <i>Endocrine Journal</i> , <b>2008</b> , 55, 1071-84	2.9	127
73	Brominated flame retardants and heavy metals in automobile shredder residue (ASR) and their behavior in the melting process. <i>Journal of Material Cycles and Waste Management</i> , <b>2008</b> , 10, 93-101	3.4	38
72	Current results and future perspectives for Japanese recycling of home electrical appliances. <i>Resources, Conservation and Recycling</i> , <b>2008</b> , 52, 1399-1410	11.9	88
71	Determination of physicochemical properties of tetrabromobisphenol A. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 2413-8	3.8	55
70	Dioxin-like and transthyretin-binding compounds in indoor dusts collected from Japan: average daily dose and possible implications for children. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 1487-93	10.3	34
69	Photodegradation of perfluorooctane sulfonate by UV irradiation in water and alkaline 2-propanol. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 5660-5	10.3	123
68	Photodegradation of tetraphenyltin contained in polychlorinated biphenyl-based transformer oil simulants in alkaline 2-propanol solution. <i>Journal of Material Cycles and Waste Management</i> , <b>2007</b> , 9, 188-193	3.4	
67	End-of-life vehicle recycling and automobile shredder residue management in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2007</b> , 9, 151-158	3.4	55
66	Congener profiles of PCB and a proposed new set of indicator congeners. <i>Chemosphere</i> , <b>2007</b> , 67, 1838-51	5.4	61
65	PCB decomposition and formation in thermal treatment plant equipment. <i>Chemosphere</i> , <b>2007</b> , 67, 1383-93	8.4	50
64	Degradation pathways of decabromodiphenyl ether during hydrothermal treatment. <i>Chemosphere</i> , <b>2007</b> , 68, 120-5	8.4	50
63	Pathways and products of the degradation of PCBs by the sodium dispersion method. <i>Chemosphere</i> , <b>2007</b> , 68, 871-9	8.4	19
62	Time-course changes of mixture effects on AhR binding-dependent luciferase activity in a crude extract from a compost sample. <i>Toxicology Letters</i> , <b>2006</b> , 161, 174-87	4.4	10
61	Formation and control of toxic polychlorinated compounds during incineration of wastes containing polychlorinated naphthalenes. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 2247-53	10.3	25
60	Isotope dilution analysis of polychlorinated biphenyls (PCBs) in transformer oil and global commercial PCB formulations by high resolution gas chromatography-high resolution mass spectrometry. <i>Chemosphere</i> , <b>2006</b> , 62, 469-84	8.4	122



59	Behavior of PCNs, PCDDs, PCDFs, and dioxin-like PCBs in the thermal destruction of wastes containing PCNs. <i>Chemosphere</i> , <b>2006</b> , 62, 1183-95	8.4	42
58	An intercalibration study on organobromine compounds: Results on polybrominated diphenylethers and related dioxin-like compounds. <i>Chemosphere</i> , <b>2006</b> , 64, 234-44	8.4	31
57	Leaching characteristics of polybrominated diphenyl ethers (PBDEs) from flame-retardant plastics. <i>Chemosphere</i> , <b>2006</b> , 65, 506-13	8.4	92
56	Emission inventory of deca-brominated diphenyl ether (DBDE) in Japan. <i>Journal of Material Cycles and Waste Management</i> , <b>2006</b> , 8, 56-62	3.4	49
55	Current status and research on E-waste issues in Asia. <i>Journal of Material Cycles and Waste Management</i> , <b>2006</b> , 8, 1-12	3.4	157
54	Material Flow Analysis of Spent Automotive Batteries. <i>Journal of the Japan Society of Waste Management Experts</i> , <b>2006</b> , 17, 404-415		2
53	Distribution of Potential Biomass/Waste Resources and GHG Emission Analysis for Food Waste Recycling Systems. <i>Journal of the Japan Society of Waste Management Experts</i> , <b>2005</b> , 16, 173-187		8
52	Mercury and Environment: Preliminary Estimation of Mercury Emission Inventories for Japan's Air. <i>Waste Management Research</i> , <b>2005</b> , 16, 191-203		8
51	Mercury and Environment: Substance Flow of Mercury and Fluorescent Lamp Recycling. <i>Waste Management Research</i> , <b>2005</b> , 16, 223-235		5
50	Risk Based Classification Criteria for Low Level PCB Contaminated Oil. <i>Journal of Environmental Chemistry</i> , <b>2005</b> , 15, 407-419	0.3	
49	Material cycles in Asia: especially the recycling loop between Japan and China. <i>Journal of Material Cycles and Waste Management</i> , <b>2004</b> , 6, 82	3.4	25
48	Development of a database of landfills and dump sites in Asian countries. <i>Journal of Material Cycles and Waste Management</i> , <b>2004</b> , 6, 97	3.4	17
47	Substance flow analysis of brominated flame retardants and related compounds in waste TV sets in Japan. <i>Waste Management</i> , <b>2004</b> , 24, 571-80	8.6	85
46	Congener-specific composition of polychlorinated naphthalenes, coplanar PCBs, dibenzo-p-dioxins, and dibenzofurans in the Halowax series. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 1675-80	10.3	124
45	Congener-specific intake fractions for PCDDs/DFs and Co-PCBs: modeling and validation. <i>Chemosphere</i> , <b>2004</b> , 54, 1383-400	8.4	13
44	Polybrominated diphenyl ethers (PBDEs), polybrominated dibenzo-p-dioxins/dibenzofurans (PBDD/Fs) and monobromo-polychlorinated dibenzo-p-dioxins/dibenzofurans (MoBPXDD/Fs) in the atmosphere and bulk deposition in Kyoto, Japan. <i>Chemosphere</i> , <b>2004</b> , 57, 343-56	8.4	126
43	Leaching of brominated flame retardants in leachate from landfills in Japan. <i>Chemosphere</i> , <b>2004</b> , 57, 1571-9	8.4	188
42	Waste wood recycling as animal bedding and development of bio-monitoring tool using the CALUX assay. <i>Environment International</i> , <b>2004</b> , 30, 639-49	12.9	15

41	Evaluation of mixture effects in a crude extract of compost using the CALUX bioassay and HPLC fractionation. <i>Environment International</i> , <b>2004</b> , 30, 1055-66	12.9	31
40	Mutagenicity of Chlorination Products of Benzophenone and Its Derivatives. <i>Journal of Environmental Chemistry</i> , <b>2004</b> , 14, 335-342	0.3	5
39	Chemical Characterization of PCBs and Dioxins in the Waste PCB Stockpiles. <i>Journal of Environmental Chemistry</i> , <b>2004</b> , 14, 501-518	0.3	23
38	Bioassay Analysis of PCBs and Dioxin-like Compounds in the Waste PCB Stockpiles. <i>Journal of Environmental Chemistry</i> , <b>2004</b> , 14, 791-803	0.3	1
37	Integrated biomonitoring of dioxin-like compounds for waste management and environment. <i>Industrial Health</i> , <b>2003</b> , 41, 205-14	2.5	12
36	Analytical methods for phenyltin compounds in polychlorinated biphenyl-based transformer oil samples. <i>Journal of Chromatography A</i> , <b>2003</b> , 1017, 195-206	4.5	7
35	Brominated dioxin-like compounds: in vitro assessment in comparison to classical dioxin-like compounds and other polyaromatic compounds. <i>Environment International</i> , <b>2003</b> , 29, 861-77	12.9	266
34	Environmental release and behavior of brominated flame retardants. <i>Environment International</i> , <b>2003</b> , 29, 665-82	12.9	539
33	Polybrominated dibenzo-p-dioxins, dibenzofurans, and diphenyl ethers in Japanese human adipose tissue. <i>Environmental Science &amp; Technology</i> , <b>2003</b> , 37, 817-21	10.3	132
32	Modified clean-up for PBDD, PBDF and PBDE with an active carbon column--its application to sediments. <i>Chemosphere</i> , <b>2003</b> , 53, 637-43	8.4	39
31	Comparative Risk Assessment for Storage and Destruction of PCB Waste.. <i>Journal of Environmental Chemistry</i> , <b>2003</b> , 13, 103-115	0.3	4
30	Heavy Metals Emission from Municipal Solid Waste Incineration System Retrofitted for Dioxins Control.. <i>Journal of Environmental Chemistry</i> , <b>2003</b> , 13, 51-67	0.3	7
29	Exposure to Heavy Metals, Pentachlorophenol, Dioxins and Furans, Polycyclic Aromatic Hydrocarbons due to Waste Wood Recycling.. <i>Journal of Environmental Chemistry</i> , <b>2003</b> , 13, 77-88	0.3	2
28	Mutagenicity of Charcoal Extracts and its Effects of the Carbonizing Temperature. <i>Journal of Environmental Chemistry</i> , <b>2003</b> , 13, 781-787	0.3	2
27	Melting and incineration plants of municipal waste. Chemical and biochemical diagnosis of thermal processing samples (emission, residues). <i>Environmental Science and Pollution Research</i> , <b>2002</b> , 9, 337-44	5.1	12
26	Screening of dioxin-like toxicity equivalents for various matrices with wildtype and recombinant rat hepatoma H4IIE cells. <i>Toxicological Sciences</i> , <b>2002</b> , 69, 125-30	4.4	44
25	Low-temperature thermal decomposition of dioxin-like compounds in fly ash: combination of chemical analysis with in vitro bioassays (EROD and DR-CALUX). <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 5211-7	10.3	32
24	Congener Profiles of Polychlorinated Biphenyls(PCBs) and their Sources.. <i>Journal of Environmental Chemistry</i> , <b>2002</b> , 12, 79-88	0.3	1



23	Bioanalytical screening methods for dioxins and dioxin-like compounds a review of bioassay/biomarker technology. <i>Environment International</i> , <b>2001</b> , 27, 413-39	12.9	201
22	Combinatorial bio/chemical analysis of dioxin and dioxin-like compounds in waste recycling, feed/food, humans/wildlife and the environment. <i>Environment International</i> , <b>2001</b> , 27, 495-519	12.9	81
21	Combustion of brominated flame retardants and behavior of its byproducts. <i>Chemosphere</i> , <b>2001</b> , 42, 519-31	8.4	172
20	Large-scale fires and time trends of PCDDs/DFs in sediments. <i>Chemosphere</i> , <b>2001</b> , 43, 537-47	8.4	2
19	Estrogenic and dioxin-like potency in each step of a controlled landfill leachate treatment plant in Japan. <i>Chemosphere</i> , <b>2001</b> , 43, 977-84	8.4	61
18	Dioxin-like PCBs released from waste incineration and their deposition flux. <i>Environmental Science &amp; Technology</i> , <b>2001</b> , 35, 3601-7	10.3	103
17	Simulation of Historical Trend of Hexachlorobenzene in Sediment Cores using the Emission Estimate and Dynamic Multimedia Environmental Fate Model.. <i>Journal of Environmental Chemistry</i> , <b>2001</b> , 11, 793-804	0.3	5
16	Municipal solid waste incinerator residue recycling by thermal processes. <i>Waste Management</i> , <b>2000</b> , 20, 249-258	8.6	182
15	Evaluation of treatment of gas cleaning residues from MSWI with chemical agents. <i>Waste Management</i> , <b>2000</b> , 20, 233-240	8.6	31
14	Material cycles science concept. <i>Environmental Science and Pollution Research</i> , <b>2000</b> , 7, 225-32	5.1	6
13	????????????????? □?????????????????□ <i>Waste Management Research</i> , <b>2000</b> , 11, 210-222		3
12	Leaching behaviours of heavy metals from MSWI residues and Pb adsorption onto the residues under alkaline condition. <i>Waste Management Series</i> , <b>2000</b> , 1, 726-732		3
11	Time Trends of PCDDs/DFs in Lake Biwa and Osaka Bay.. <i>Journal of Environmental Chemistry</i> , <b>1999</b> , 9, 379-390	0.3	5
10	Full-scale plant study on low temperature thermal dechlorination of PCDDs/PCDFs in fly ash. <i>Chemosphere</i> , <b>1998</b> , 37, 2299-308	8.4	32
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8	Material Flow Analysis of PCDDs/DFs in a Municipal Solid Waste Incineration System. <i>Journal of the Japan Society of Waste Management Experts</i> , <b>1998</b> , 9, 123-132		7
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4	Municipal solid waste management in Japan. <i>Waste Management</i> , <b>1996</b> , 16, 395-405	8.6	36
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