

Masaki Takaoka

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5309791/masaki-takaoka-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153 papers	2,014 citations	24 h-index	36 g-index
158 ext. papers	2,289 ext. citations	5.9 avg, IF	5.15 L-index

#	Paper	IF	Citations
153	Collision of two vortex rings. <i>Journal of Fluid Mechanics</i> , 1991 , 230, 583-646	3.7	95
152	Dynamic change of copper in fly ash during de novo synthesis of dioxins. <i>Environmental Science & Technology</i> , 2005 , 39, 5878-84	10.3	91
151	Influence of Cu, Fe, Pb, and Zn chlorides and oxides on formation of chlorinated aromatic compounds in MSWI fly ash. <i>Environmental Science & Technology</i> , 2009 , 43, 8053-9	10.3	78
150	Determination of chemical form of antimony in contaminated soil around a smelter using X-ray absorption fine structure. <i>Analytical Sciences</i> , 2005 , 21, 769-73	1.7	65
149	Chloride chemical form in various types of fly ash. <i>Environmental Science & Technology</i> , 2008 , 42, 3932-7	10.3	63
148	The effect of copper speciation on the formation of chlorinated aromatics on real municipal solid waste incinerator fly ash. <i>Chemosphere</i> , 2005 , 59, 1497-505	8.4	57
147	Vapor-phase elemental mercury adsorption by activated carbon co-impregnated with sulfur and chlorine. <i>Chemical Engineering Journal</i> , 2017 , 315, 598-607	14.7	55
146	The behaviour of heavy metals and phosphorus in an ash melting process. <i>Water Science and Technology</i> , 1997 , 36, 275-282	2.2	53
145	Direct chlorination of carbon by copper chloride in a thermal process. <i>Environmental Science & Technology</i> , 2009 , 43, 2241-6	10.3	45
144	Chlorides behavior in raw fly ash washing experiments. <i>Journal of Hazardous Materials</i> , 2010 , 178, 547-552	2.8	41
143	Characteristics of dioxin emissions at startup and shutdown of MSW incinerators. <i>Chemosphere</i> , 2007 , 66, 1123-30	8.4	41
142	Removal of unburned carbon from municipal solid waste fly ash by column flotation. <i>Waste Management</i> , 2003 , 23, 307-13	8.6	41
141	The effect of treatment of activated carbon by H ₂ O ₂ or HNO ₃ on the decomposition of pentachlorobenzene. <i>Applied Catalysis B: Environmental</i> , 2007 , 74, 179-186	21.8	38
140	Direct Speciation of Lead, Zinc and Antimony in Fly Ash from Waste Treatment Facilities by XAFS spectroscopy. <i>Physica Scripta</i> , 2005 , 943	2.6	37
139	The behavior of PCDD/Fs, PCBs, chlorobenzenes and chlorophenols in wet scrubbing system of municipal solid waste incinerator. <i>Chemosphere</i> , 2003 , 53, 153-61	8.4	34
138	Characterization of trace constituents in landfill gas and a comparison of sites in Asia. <i>Journal of Material Cycles and Waste Management</i> , 2009 , 11, 305-311	3.4	29
137	Chlorinated aromatic compounds in a thermal process promoted by oxychlorination of ferric chloride. <i>Environmental Science & Technology</i> , 2010 , 44, 1974-9	10.3	28

136	Effect of lead speciation on its oral bioaccessibility in surface dust and soil of electronic-wastes recycling sites. <i>Journal of Hazardous Materials</i> , 2018 , 341, 365-372	12.8	27
135	Coexistence of Cu, Fe, Pb, and Zn oxides and chlorides as a determinant of chlorinated aromatics generation in municipal solid waste incinerator fly ash. <i>Environmental Science & Technology</i> , 2014 , 48, 85-92	10.3	25
134	Cesium Speciation in Dust from Municipal Solid Waste and Sewage Sludge Incineration by Synchrotron Radiation Micro-X-ray Analysis. <i>Analytical Chemistry</i> , 2015 , 87, 11249-54	7.8	25
133	Methods of determining lead speciation in fly ash by X-ray absorption fine-structure spectroscopy and a sequential extraction procedure. <i>Analytical Sciences</i> , 2012 , 28, 481-90	1.7	25
132	Kinetics on the decomposition of polychlorinated biphenyls with activated carbon-supported iron. <i>Chemosphere</i> , 2006 , 65, 183-9	8.4	25
131	Partial removal of PCDD/Fs, coplanar PCBS, and PCBS from municipal solid waste incineration fly ash by a column flotation process. <i>Environmental Science & Technology</i> , 2007 , 41, 257-62	10.3	24
130	Application of water as a solvent in microwave-assisted extraction for analysis of PCBs and CBzs in fly ash. <i>Journal of Separation Science</i> , 2005 , 28, 585-8	3.4	24
129	Bioaccessibility and human health risk assessment of metal(loid)s in soil from an e-waste open burning site in Agbogboshie, Accra, Ghana. <i>Chemosphere</i> , 2020 , 240, 124909	8.4	24
128	Mercury emission and behavior in primary ferrous metal production. <i>Atmospheric Environment</i> , 2011 , 45, 3685-3691	5.3	23
127	Comparison of two types of municipal solid waste incinerator fly ashes with different alkaline reagents in washing experiments. <i>Waste Management</i> , 2009 , 29, 259-64	8.6	23
126	Synergetic inhibition of thermochemical formation of chlorinated aromatics by sulfur and nitrogen derived from thiourea: Multielement characterizations. <i>Journal of Hazardous Materials</i> , 2016 , 311, 43-50	12.8	22
125	Stabilization of lead in an alkali-activated municipal solid waste incineration fly ash-Pyrophyllite-based system. <i>Journal of Environmental Management</i> , 2017 , 201, 327-334	7.9	22
124	Behavior of cesium in municipal solid waste incineration. <i>Journal of Environmental Radioactivity</i> , 2015 , 143, 1-6	2.4	22
123	Role of zinc in MSW fly ash during formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2011 , 45, 7678-84	10.3	22
122	Decomposition of 2,2',4,4',5,5'-hexachlorobiphenyl with iron supported on an activated carbon from an ion-exchange resin. <i>Chemosphere</i> , 2012 , 88, 895-902	8.4	21
121	Chemical states of trace elements in sewage sludge incineration ash by using x-ray absorption fine structure. <i>Water Science and Technology</i> , 2008 , 57, 411-7	2.2	20
120	Methane and nitrous oxide emissions following anaerobic digestion of sludge in Japanese sewage treatment facilities. <i>Bioresource Technology</i> , 2014 , 171, 175-81	11	19
119	Plastic waste management in Jakarta, Indonesia: evaluation of material flow and recycling scheme. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 2140-2149	3.4	19

118	Stabilization of cesium in alkali-activated municipal solid waste incineration fly ash and a pyrophyllite-based system. <i>Chemosphere</i> , 2017 , 187, 188-195	8.4	17
117	Chlorination mechanism of carbon during dioxin formation using Cl-K near-edge X-ray-absorption fine structure. <i>Analytical Sciences</i> , 2010 , 26, 1119-25	1.7	17
116	Emission of particulate matter 2.5 (PM2.5) and elements from municipal solid waste incinerators. <i>Journal of Material Cycles and Waste Management</i> , 2016 , 18, 72-80	3.4	16
115	Mercury emission from sewage sludge incineration in Japan. <i>Journal of Material Cycles and Waste Management</i> , 2012 , 14, 113-119	3.4	16
114	Influence of water content and cell disruption on lipid extraction using subcritical dimethyl ether in wet microalgae. <i>Bioresource Technology</i> , 2021 , 329, 124892	11	16
113	Simultaneous removal of siloxanes and HS from biogas using an aerobic biotrickling filter. <i>Journal of Hazardous Materials</i> , 2020 , 391, 122187	12.8	15
112	Application of microwave-assisted extraction to the analysis of PCBs and CBzs in fly ash from municipal solid waste incinerators. <i>Journal of Hazardous Materials</i> , 2006 , 137, 106-12	12.8	15
111	Mercury emission from crematories in Japan. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 3665-3671	6.8	14
110	Formation of chlorinated aromatics in model fly ashes using various copper compounds. <i>Chemosphere</i> , 2010 , 80, 144-9	8.4	14
109	Removal of mercury in flue gas by the reaction with sulfide compounds. <i>Toxicological and Environmental Chemistry</i> , 1999 , 73, 1-16	1.4	14
108	Chemical kinetics of Cs species in an alkali-activated municipal solid waste incineration fly ash and pyrophyllite-based system using Cs K-edge in situ X-ray absorption fine structure analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 131, 32-39	3.1	13
107	Dechlorination of polychlorinated biphenyls by iron and its oxides. <i>Chemosphere</i> , 2015 , 137, 78-86	8.4	13
106	PCDD/DF and co-planar PCB emissions from crematories in Japan. <i>Chemosphere</i> , 2014 , 98, 91-8	8.4	13
105	An assessment of dioxin contamination from the intermittent operation of a municipal waste incinerator in Japan and associated remediation. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 2070-80	5.1	13
104	Current status of waste to power generation in Japan and resulting reduction of carbon dioxide emissions. <i>Journal of Material Cycles and Waste Management</i> , 2011 , 13, 198-205	3.4	13
103	Sewage Sludge Dewatering Process Using Liquefied Dimethyl Ether as Solid Fuel. <i>Drying Technology</i> , 2011 , 29, 624-632	2.6	13
102	Control of mercury emissions from a municipal solid waste incinerator in Japan. <i>Journal of the Air and Waste Management Association</i> , 2002 , 52, 931-40	2.4	13
101	Effective lipid extraction from undewatered microalgae liquid using subcritical dimethyl ether. <i>Biotechnology for Biofuels</i> , 2021 , 14, 17	7.8	13

100	Thermochemical behavior of lead adjusting formation of chlorinated aromatics in MSW fly ash. <i>Environmental Science & Technology</i> , 2013 , 47, 2169-76	10.3	12
99	Contrasting effects of sulfur dioxide on cupric oxide and chloride during thermochemical formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2014 , 48, 13644-51	10.3	12
98	Relationship between dynamic change of copper and dioxin generation in various fly ash. <i>Chemosphere</i> , 2008 , 73, 578-83	8.4	12
97	Polychlorinated biphenyls removal from weathered municipal solid waste incineration fly ash by collector-assisted column flotation. <i>Journal of Hazardous Materials</i> , 2003 , 100, 259-70	12.8	12
96	Application of X-ray Fluorescence Analysis to Determination of Elements in Fly Ash. <i>Journal of the Japan Society of Waste Management Experts</i> , 2000 , 11, 333-342		12
95	Incineration of carbon nanomaterials with sodium chloride as a potential source of PCDD/Fs and PCBs. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121030	12.8	12
94	Mercury and mercury-containing waste management in Japan. <i>Journal of Material Cycles and Waste Management</i> , 2015 , 17, 665-672	3.4	11
93	Substance flow analysis of mercury in Malaysia. <i>Atmospheric Pollution Research</i> , 2016 , 7, 799-807	4.5	11
92	Stabilizing conditions of metal mercury in mercury sulfurization using a planetary ball mill. <i>Journal of Hazardous Materials</i> , 2014 , 276, 433-41	12.8	11
91	Real-time gas-phase analysis of mono- to tri-chlorobenzenes generated from heated MSWI fly ashes containing various metal compounds: application of VUV-SPI-IT-TOFMS. <i>Environmental Science & Technology</i> , 2010 , 44, 5528-33	10.3	11
90	Dewatering a Superabsorbent Polymer Using Liquefied Dimethyl Ether. <i>Drying Technology</i> , 2009 , 28, 30-35	2.6	11
89	Tracking the pathway of diesel exhaust particles from the nose to the brain by X-ray fluorescence analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009 , 64, 796-801	3.1	11
88	Chlorobenzenes removal from municipal solid waste incineration fly ash by surfactant-assisted column flotation. <i>Chemosphere</i> , 2003 , 52, 735-43	8.4	11
87	Pilot study of intense dewatering of urban sewage sludge. <i>Journal of Material Cycles and Waste Management</i> , 2017 , 19, 88-101	3.4	10
86	Emission of particulate matter from gasification and melting furnace for municipal solid waste in Japan. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1703-1710	6.8	10
85	Distribution and characteristics of heavy metals in a first-generation monofill site for incinerator residue. <i>Journal of Hazardous Materials</i> , 2019 , 373, 763-772	12.8	10
84	Emission of Particulate Matter 2.5 (PM2.5) from Sewage Sludge Incinerators in Japan. <i>Drying Technology</i> , 2015 , 33, 1286-1294	2.6	10
83	Modeling of Sludge Behavior in a Steam Dryer. <i>Drying Technology</i> , 2011 , 29, 1748-1757	2.6	10

82	PCDDs/DFs emissions from crematories in Japan. <i>Chemosphere</i> , 2000 , 40, 575-86	8.4	10
81	Characterizing the mechanisms of gas-phase elemental mercury adsorption with iodine-impregnated activated carbons using Brunauer-Emmett-Teller analysis, X-ray diffraction, X-ray photoelectron spectroscopy, and X-ray absorption near-edge structure analysis. <i>Chemical Engineering Journal</i> , 2020 , 402, 126225	14.7	10
80	Deactivation of metal chlorides by alkaline compounds inhibits formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2010 , 44, 7678-84	10.3	9
79	Measures to prevent emissions of PCDDs/DFs and co-planar PCBs from crematories in Japan. <i>Chemosphere</i> , 2001 , 43, 763-71	8.4	9
78	Comparison of sewage sludge mono-incinerators: Mass balance and distribution of heavy metals in step grate and fluidized bed incinerators. <i>Waste Management</i> , 2020 , 105, 575-585	8.6	8
77	Environmental and economic assessment of municipal sewage sludge management - a case study in Beijing, China. <i>Water Science and Technology</i> , 2013 , 67, 1465-73	2.2	8
76	Observing copper chloride during dioxin formation using dispersive XAFS. <i>X-Ray Spectrometry</i> , 2008 , 37, 210-214	0.9	8
75	Survey of elemental composition in dewatered sludge in Japan. <i>Science of the Total Environment</i> , 2021 , 752, 141857	10.2	8
74	Vertical Distribution of Total Mercury and Mercury Methylation in a Landfill Site in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
73	Evaluation of a sludge-treatment process comprising lipid extraction and drying using liquefied dimethyl ether. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 3369-3378	2.6	7
72	Thermochemical formation of dioxins promoted by chromium chloride: In situ Cr- and Cl-XAFS analysis. <i>Journal of Hazardous Materials</i> , 2020 , 388, 122064	12.8	7
71	Mercury behaviour in flue gas from sewage sludge incinerators and melting furnace. <i>Water Science and Technology</i> , 2018 , 2017, 782-790	2.2	7
70	Chloride Behavior in Washing Experiments of Two Kinds of Municipal Solid Waste Incinerator Fly Ash with Different Alkaline Reagents. <i>Journal of the Air and Waste Management Association</i> , 2009 , 59, 139-147	2.4	7
69	Aqueous leaching of cattle manure incineration ash to produce a phosphate enriched fertilizer. <i>Journal of Material Cycles and Waste Management</i> , 2016 , 18, 608-617	3.4	7
68	Forensic Identification of Automobile Window Glass Manufacturers in Japan Based on the Refractive Index, X-ray Fluorescence, and X-ray Absorption Fine Structure. <i>Analytical Sciences</i> , 2016 , 32, 207-13	1.7	6
67	Ash-Melting Process Utilizing Thermite Reaction between Chromium Electroplating Sludge and Aluminum Dross. <i>Environmental Engineering Science</i> , 2005 , 22, 716-724	2	6
66	The Microwave-assisted Extraction of Chlorobenzenes and PCBs from Fly Ash. <i>Journal of the Japan Society of Waste Management Experts</i> , 1999 , 10, 331-340		6
65	Formation pathways of polychlorinated dibenzo-p-dioxins and dibenzofurans from burning simulated PVC-coated cable wires. <i>Chemosphere</i> , 2021 , 264, 128542	8.4	6

64	Quantitative cesium speciation and leaching properties in alkali-activated municipal solid waste incineration fly ash and pyrophyllite-based systems. <i>Chemosphere</i> , 2018 , 213, 578-586	8.4	6
63	Quantitative Speciation of Insoluble Chlorine in Environmental Solid Samples. <i>ACS Omega</i> , 2019 , 4, 6126-6137	3.9	5
62	Emission and control of NO and composition of ash derived from cattle manure combustion using a pilot-scale fluidized bed incinerator. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 439-445	2.6	5
61	Phosphorus release from cattle manure ash as soil amendment in laboratory-scale tests. <i>Soil Science and Plant Nutrition</i> , 2017 , 63, 369-376	1.6	5
60	Effect of co-managing organic waste using municipal wastewater and solid waste treatment systems in megacities. <i>Water Science and Technology</i> , 2014 , 69, 1159-66	2.2	5
59	Mercury Speciation in Flue Gases after an Oxidative Acid Wet Scrubber. <i>Chemical Engineering and Technology</i> , 2007 , 30, 131-138	2	5
58	Stabilization of lead with amorphous solids synthesized from aluminosilicate gel. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121109	12.8	5
57	Measurement of nanoparticle exposure in crematoriums and estimation of respiratory deposition of the nanoparticles by number and size distribution. <i>Journal of Occupational Health</i> , 2017 , 59, 572-580	2.3	4
56	Organochlorines in surface soil at electronic-waste wire burning sites and metal contribution evaluated using quantitative X-ray speciation. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012094	0.3	4
55	Thermochemical chlorination of carbon indirectly driven by an unexpected sulfide of copper with inorganic chloride. <i>Journal of Hazardous Materials</i> , 2011 , 197, 345-51	12.8	4
54	Chlorination Mechanism of Carbon during Dioxins Formation by Using Cl-K Near Edge X-Ray Absorption Fine Structure. <i>Bunseki Kagaku</i> , 2009 , 58, 221-229	0.2	4
53	DEWATERING OF ELECTROPLATING SLUDGE USING DIMETHYL ETHER. <i>Doboku Gakkai Ronbunshuu G</i> , 2010 , 66, 96-102		4
52	Bromination of Carbon and Formation of PBDD/Fs by Copper Bromide in Oxidative Thermal Process. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123878	12.8	4
51	Removal of mercury using processes involving sulfuric acid during zinc production in an imperial smelting process (ISP) plant. <i>Journal of Material Cycles and Waste Management</i> , 2017 , 19, 863-869	3.4	3
50	Phosphorus and potassium availability from cattle manure ash in relation to their extractability and grass tetany hazard. <i>Soil Science and Plant Nutrition</i> , 2018 , 64, 415-422	1.6	3
49	Evaluation of metals in the residue of paper sludge after recovery of pulp components using an ionic liquid. <i>Journal of Material Cycles and Waste Management</i> , 2016 , 18, 215-221	3.4	3
48	Forensic Identification of Automobile Window Glass Manufacturers Based on Cerium Chemical States. <i>Chemistry Letters</i> , 2014 , 43, 357-359	1.7	3
47	Characterization of lead, chromium, and cadmium in dust emitted from municipal solid waste incineration plants. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012095	0.3	3

46	Mitigation of bromine-containing products during pyrolysis of polycarbonate-based tetrabromobisphenol A in the presence of copper(I) oxide. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124972	12.8	3
45	Insight into the low-temperature decomposition of Aroclor 1254 over activated carbon-supported bimetallic catalysts obtained with XANES and DFT calculations. <i>Journal of Hazardous Materials</i> , 2019 , 366, 538-544	12.8	3
44	Evaluation of flocculation performance of amphoteric flocculant when harvesting microalgae <i>Coccomyxa</i> sp. KJ by response surface methodology. <i>Journal of Environmental Management</i> , 2021 , 277, 111449	7.9	3
43	Time-series analysis of excess mercury in China. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 1483-1498	3.4	3
42	The effect of gas emission on the strength of composite products derived using alkali-activated municipal solid waste incineration fly ash/pyrophyllite-based systems. <i>Chemosphere</i> , 2019 , 228, 513-520	8.4	2
41	Biodiesel Production from Refined Rice Bran Oil Using Eggshell Waste As Catalyst Impregnated with Silver Nanoparticles 2020 ,		2
40	Quantitative speciation of insoluble chlorine in E-waste open burning soil: Implications of the presence of unidentified aromatic-Cl and insoluble chlorides. <i>Chemosphere</i> , 2019 , 233, 493-502	8.4	2
39	Forensic analysis of tire rubbers based on their sulfur chemical states. <i>Forensic Science International</i> , 2015 , 250, 53-6	2.6	2
38	A metal mixture lowers the reaction temperature of copper chloride as shown using in situ quick XAFS. <i>Journal of Physics: Conference Series</i> , 2009 , 190, 012183	0.3	2
37	Intermediate Treatment of Municipal Solid Waste in Relation to a Sound Material Cycle and Low-carbon Society. <i>Material Cycles and Waste Management Research</i> , 2010 , 21, 368-379	0	2
36	Catalytic Degradation of Polychlorinated Biphenyls with Activated Carbon-Supported Iron. <i>Journal of Environmental Chemistry</i> , 2005 , 15, 259-268	0.3	2
35	Catalytic decomposition of polychlorinated biphenyls (PCBs). <i>Toxicological and Environmental Chemistry</i> , 2000 , 76, 95-109	1.4	2
34	Liquefied dimethyl ether based multi-stage extraction for high efficient oil recovery from spent bleaching clay. <i>Waste Management</i> , 2021 , 136, 204-212	8.6	2
33	X-ray photoelectron spectroscopy analysis for a reaction on the surface of tin metal in a continuous mercury analyzer.. <i>Bunseki Kagaku</i> , 2001 , 50, 501-507	0.2	1
32	A biomass power generation system combined with sewage sludge incineration. <i>Proceedings of the Water Environment Federation</i> , 2015 , 2015, 1-13		1
31	EFFECTS OF A WASHING PROCESS OF CATTLE MANURE ASH ON ROOT AND SHOOT GROWTH OF KOMATSUNA (BRASSICA RAPA VAR. PERVIRIDIS) AT THE SEEDLING STAGE. <i>Journal of Environmental Science for Sustainable Society</i> , 2017 , 8, 15-21	0	1
30	Cooperation of Urban Metabolic Facilities by Considering Co-Incineration of Dewatered Fecal Sludge and Municipal Solid Waste. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2017 , 73, III_275-III_286	0.1	1
29	Harvesting <i>Nannochloropsis oculata</i> by Chitosan and AlCl ₃ -Induced Flocculation: Effects of Microalgal Condition on Flocculation Performance. <i>Bioenergy Research</i> , 2020 , 14, 924	3.1	1

28	Formation of Friedel's salt in simulated municipal solid waste incineration bottom ash. <i>Journal of Material Cycles and Waste Management</i> , 2021 , 23, 1374-1382	3.4	1
27	Microalgae preparation and lipid extraction by subcritical dimethyl ether. <i>MethodsX</i> , 2021 , 8, 101353	1.9	1
26	Effect of pH on the performance of an acidic biotrickling filter for simultaneous removal of HS and siloxane from biogas. <i>Water Science and Technology</i> , 2021 , 83, 1511-1521	2.2	1
25	Chemical states of arsenic contained in sewage sludge incineration ash and insolubilized material. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 955-964	3.4	1
24	Mass balance of heavy metals in a non-operational incinerator residue landfill site in Japan. <i>Journal of Material Cycles and Waste Management</i> , 2020 , 22, 354-364	3.4	0
23	Simultaneous control of polychlorinated dibenzo-p-dioxins/dibenzofurans, polychlorinated biphenyls, and nitrogen oxide in flue gas using urea. <i>International Journal of Environment and Pollution</i> , 2017 , 61, 223	0.7	0
22	The application of multiple advanced chloride removal methods to synthesized Friedel's salt and municipal solid waste incineration bottom ash.. <i>Waste Management</i> , 2022 , 141, 27-34	8.6	0
21	Mercury removal from the flue gases of crematoria via pre-injection of lime and activated carbon into a fabric filter. <i>Chemical Engineering Research and Design</i> , 2021 , 148, 323-332	5.5	0
20	Dechlorination of short-chain chlorinated paraffins by the metal sodium dispersion method. <i>Chemosphere</i> , 2021 , 283, 131201	8.4	0
19	Mercury emission profile for the torrefaction of sewage sludge at a full-scale plant and application of polymer sorbent. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127186	12.8	0
18	Approach to Performance Stabilization for High-Efficiency Solid-Liquid Separation and Anammox Treatment of Mainstream Municipal Wastewater. <i>Journal of Environmental Conservation Engineering</i> , 2016 , 45, 313-324	0	
17	Outlook for Future Material Flows of Mercury in Japan in Context of the Minamata Convention on Mercury. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , 2017 , 28, 128-139	0.1	
16	Effect of moisture content on microwave-assisted extraction of PCBs and chlorobenzenes. <i>International Journal of Environment and Pollution</i> , 2017 , 61, 148	0.7	
15	Current Status for Management of Mercury and Waste Containing Mercury. <i>Material Cycles and Waste Management Research</i> , 2011 , 22, 375-383	0	
14	Property Changes of Aqueous Cationic Polymer Solution for Sewage Sludge Dewatering in Various Storage Conditions. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2020 , 76, III_103-III_112	0.1	
13	Waste Treatment Technologies. Effect of Activated Carbon Injection on Control of Mercury Emission from a Fluidized Bed Type Municipal Solid Waste Incinerator.. <i>Kagaku Kogaku Ronbunshu</i> , 2002 , 28, 593-597	0.4	
12	Sustainable Management of Fly Ash from Municipal Solid Waste Incineration in China. <i>Material Cycles and Waste Management Research</i> , 2018 , 29, 349-356	0	
11	Environmentally Sound Disposal of POPs Waste. <i>Material Cycles and Waste Management Research</i> , 2018 , 29, 461-469	0	

- 10 An Estimation of the Ash Generated from Woody Biomass Combustion Plants using the Feed-in Tariff Scheme in Japan. *Journal of the Japan Society of Material Cycles and Waste Management*, **2020**, 31, 169-178 0.1
- 9 Verification of the Subsidy System for High-efficiency Power Generation. *Material Cycles and Waste Management Research*, **2015**, 26, 105-113 0
- 8 Control of Mercury Emissions into Air under Minamata Convention in Japan. *Material Cycles and Waste Management Research*, **2016**, 27, 412-421 0
- 7 Prediction of Ignition Loss and Heating Value of Sewage Sludge by Thermo Gravimetry and Differential Thermal Analysis (TG-DTA). *Journal of Japan Society of Civil Engineers Ser G (Environmental Research)*, **2017**, 73, III_375-III_384 0.1
- 6 Measurement Methods for Radioactive Substances in Waste Incinerator Flue Gas. *Material Cycles and Waste Management Research*, **2013**, 24, 258-266 0
- 5 Synthesis of a Si-Al Gel as a Starting Material of Aluminosilicate Solids. *Zairyo/Journal of the Society of Materials Science, Japan*, **2021**, 70, 406-411 0.1
- 4 Improvement of Anammox Rate in High-Efficiency Solid-Liquid Separation and Anammox Treatment of Mainstream Municipal Wastewater. *Journal of Japan Society on Water Environment*, **2016**, 39, 145-152 0.2
- 3 Atmospheric Emission of Mercury in Malaysia **2018**, 33-44
- 2 The Influence that Dissolution Properties of Aluminosilicates to Alkali Solutions Have on the Immobilization of Cesium in Fly Ash by Geopolymer Solidification. *Journal of the Japan Society of Material Cycles and Waste Management*, **2021**, 32, 136-146 0.1
- 1 Feasibility Study on the Co-incineration of Municipal Solid Waste and Sewage Sludge in Taiwan. *Journal of Japan Society of Civil Engineers Ser G (Environmental Research)*, **2021**, 77, III_141-III_150 0.1