

Takashi Fujimori

List of Publications by Citations

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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.

60
papers

838
citations

18
h-index

27
g-index

62
ext. papers

948
ext. citations

6.6
avg, IF

4.4
L-index

#	Paper	IF	Citations
60	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
59	Pollution distribution of heavy metals in surface soil at an informal electronic-waste recycling site. <i>Environmental Geochemistry and Health</i> , 2014 , 36, 159-68	4.7	58
58	Impact of metals in surface matrices from formal and informal electronic-waste recycling around Metro Manila, the Philippines, and intra-Asian comparison. <i>Journal of Hazardous Materials</i> , 2012 , 221-222, 139-46	12.8	55
57	Direct chlorination of carbon by copper chloride in a thermal process. <i>Environmental Science & Technology</i> , 2009 , 43, 2241-6	10.3	45
56	Interplay of metals and bromine with dioxin-related compounds concentrated in e-waste open burning soil from Agbogboshie in Accra, Ghana. <i>Environmental Pollution</i> , 2016 , 209, 155-63	9.3	43
55	Occurrence, profiles, and toxic equivalents of chlorinated and brominated polycyclic aromatic hydrocarbons in E-waste open burning soils. <i>Environmental Pollution</i> , 2017 , 225, 252-260	9.3	35
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	Behavior of cesium in municipal solid waste incineration. <i>Journal of Environmental Radioactivity</i> , 2015 , 143, 1-6	2.4	22
46	Role of zinc in MSW fly ash during formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2011 , 45, 7678-84	10.3	22
45	Solid fuel production from cattle manure by dewatering using liquefied dimethyl ether. <i>Fuel</i> , 2015 , 159, 7-14	7.1	21
44	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

43	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
42	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
41	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
40	Lead contamination in surface soil on roads from used lead-acid battery recycling in Dong Mai, Northern Vietnam. <i>Journal of Material Cycles and Waste Management</i> , 2016 , 18, 599-607	3.4	17
39	Formation of chlorinated aromatics in model fly ashes using various copper compounds. <i>Chemosphere</i> , 2010 , 80, 144-9	8.4	14
38	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
37	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
36	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
35	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
34	Siloxane removal and sludge disintegration using thermo-alkaline treatments with air stripping prior to anaerobic sludge digestion. <i>Energy Conversion and Management</i> , 2015 , 96, 384-391	10.6	11
33	Substance flow analysis of mercury in Malaysia. <i>Atmospheric Pollution Research</i> , 2016 , 7, 799-807	4.5	11
32	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
31	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
30	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
29	Deactivation of metal chlorides by alkaline compounds inhibits formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2010 , 44, 7678-84	10.3	9
28	Observing copper chloride during dioxin formation using dispersive XAFS. <i>X-Ray Spectrometry</i> , 2008 , 37, 210-214	0.9	8
27	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
26	Influence of the Properties of Macromolecular Carbon on de Novo Synthesis of PCDDs, PCDFs, PCBs, and Chlorobenzenes. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 1131-1141	4.6	6

25	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
24	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
23	Quantitative Speciation of Insoluble Chlorine in Environmental Solid Samples. <i>ACS Omega</i> , 2019 , 4, 6126-6137	3.1	5
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	Soil pollution by chlorobenzenes and polychlorinated biphenyls from an electronic waste recycling area in Northern Vietnam. <i>International Journal of Environment and Pollution</i> , 2018 , 63, 283	0.7	2
12	Bioaccessibility of Arsenic and Lead in Polluted Soils Using Three In-vitro Gastrointestinal Simulation Models. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 265, 012012	0.3	1
11	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
10	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
9	Phosphorus Speciation in Sludge from Nickel Electroplating. <i>Materials Transactions</i> , 2017 , 58, 1337-1340	1.3	0
8	Extractable organochlorine (EOCl) and extractable organobromine (EOBr) in GPC-fractionated extracts from high-trophic-level mammals: Species-specific profiles and contributions of legacy organohalogen contaminants. <i>Science of the Total Environment</i> , 2021 , 756, 143843	10.2	0

- 7 Dechlorination of short-chain chlorinated paraffins by the metal sodium dispersion method. *Chemosphere*, **2021**, 283, 131201 8.4 ○
- 6 Property Changes of Aqueous Cationic Polymer Solution for Sewage Sludge Dewatering in Various Storage Conditions. *Journal of Japan Society of Civil Engineers Ser G (Environmental Research)*, **2020**, 76, III_103-III_112 0.1
- 5 Environmentally Sound Disposal of POPs Waste. *Material Cycles and Waste Management Research*, **2018**, 29, 461-469 ○
- 4 Unintentional Formation of POPs and Control. *Material Cycles and Waste Management Research*, **2019**, 30, 201-211 ○
- 3 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
- 2 Atmospheric Emission of Mercury in Malaysia **2018**, 33-44
- 1 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