

Takashi Fujimori

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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 | 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 |
| 59 | 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 |
| 58 | 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 |
| 57 | Dechlorination of short-chain chlorinated paraffins by the metal sodium dispersion method. <i>Chemosphere</i> , 2021 , 283, 131201 | 8.4 | 0 |
| 56 | The Influence that Dissolution Properties of Aluminosilicates to Alkali Solutions Have on the Immobilization of Cesium in Fly Ash by Geopolymer Solidification. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , 2021 , 32, 136-146 | 0.1 | |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 | |
| 52 | 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 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | Quantitative Speciation of Insoluble Chlorine in Environmental Solid Samples. <i>ACS Omega</i> , 2019 , 4, 6126-6137 | 3.1 | 5 |
| 47 | 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 |
| 46 | 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 |
| 45 | Unintentional Formation of POPs and Control. <i>Material Cycles and Waste Management Research</i> , 2019 , 30, 201-211 | 0 | |
| 44 | Environmentally Sound Disposal of POPs Waste. <i>Material Cycles and Waste Management Research</i> , 2018 , 29, 461-469 | 0 | |

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| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | Atmospheric Emission of Mercury in Malaysia 2018 , 33-44 | | |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | Phosphorus Speciation in Sludge from Nickel Electroplating. <i>Materials Transactions</i> , 2017 , 58, 1337-1340 | 1.3 | 0 |
| 34 | 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 |
| 33 | 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 |
| 32 | Prediction of Ignition Loss and Heating Value of Sewage Sludge by Thermo Gravimetry and Differential Thermal Analysis (TG-DTA). <i>Journal of Japan Society of Civil Engineers Ser G (Environmental Research)</i> , 2017 , 73, III_375-III_384 | 0.1 | |
| 31 | 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 |
| 30 | Substance flow analysis of mercury in Malaysia. <i>Atmospheric Pollution Research</i> , 2016 , 7, 799-807 | 4.5 | 11 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |

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| 25 | Interplay of metals and bromine with dioxin-related compounds concentrated in e-waste open burning soil from Agbogbloshie in Accra, Ghana. <i>Environmental Pollution</i> , 2016 , 209, 155-63 | 9.3 | 43 |
| 24 | Solid fuel production from cattle manure by dewatering using liquefied dimethyl ether. <i>Fuel</i> , 2015 , 159, 7-14 | 7.1 | 21 |
| 23 | 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 |
| 22 | 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 |
| 21 | Behavior of cesium in municipal solid waste incineration. <i>Journal of Environmental Radioactivity</i> , 2015 , 143, 1-6 | 2.4 | 22 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | Role of zinc in MSW fly ash during formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2011 , 45, 7678-84 | 10.3 | 22 |
| 11 | 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 |
| 10 | 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 |
| 9 | Deactivation of metal chlorides by alkaline compounds inhibits formation of chlorinated aromatics. <i>Environmental Science & Technology</i> , 2010 , 44, 7678-84 | 10.3 | 9 |
| 8 | 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 |

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| 7 | 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 |
| 6 | Formation of chlorinated aromatics in model fly ashes using various copper compounds. <i>Chemosphere</i> , 2010 , 80, 144-9 | 8.4 | 14 |
| 5 | 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 |
| 4 | Direct chlorination of carbon by copper chloride in a thermal process. <i>Environmental Science & Technology</i> , 2009 , 43, 2241-6 | 10.3 | 45 |
| 3 | 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 |
| 2 | 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 |
| 1 | Observing copper chloride during dioxin formation using dispersive XAFS. <i>X-Ray Spectrometry</i> , 2008 , 37, 210-214 | 0.9 | 8 |