

Takeshi Sato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11320240/publications.pdf>

Version: 2024-02-01

18
papers

201
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Solute dispersion in a variably saturated sand. <i>Water Resources Research</i> , 2003, 39, .	4.2	30
2	Contribution of Hydroxyapatite and Ferrihydrite in Combined Applications for the Removal of Lead and Antimony from Aqueous Solutions. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	22
3	Formation of a lead-insoluble phase, pyromorphite, by hydroxyapatite during lead migration through the water-unsaturated soils of different lead mobilities. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7662-7671.	5.3	20
4	Sorption of Lead in Animal Manure Compost: Contributions of Inorganic and Organic Fractions. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	15
5	Removal of lead by apatite and its stability in the presence of organic acids. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3036-3045.	2.2	14
6	Lead and Antimony Removal from Contaminated Soil by Phytoremediation Combined with an Immobilization Material. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1717-1724.	1.1	13
7	Immobilization of Antimony(III) in Oxidic Soil Using Combined Application of Hydroxyapatite and Ferrihydrite. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	13
8	Simultaneous control of cadmium release and acidic pH neutralization in excavated sedimentary rock with concurrent oxidation of pyrite using steel slag. <i>Journal of Soils and Sediments</i> , 2018, 18, 1194-1204.	3.0	13
9	Formation of Pyromorphite and Lead Mobilization in Contaminated Soils Amended with Hydroxyapatite in the Presence of Iron Oxyhydroxide and Water Percolation. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	10
10	Enhancing pyromorphite formation in lead-contaminated soils by improving soil physical parameters using hydroxyapatite treatment. <i>Science of the Total Environment</i> , 2020, 747, 141292.	8.0	10
11	Immobilization of Lead Migrating from Contaminated Soil in Rhizosphere Soil of Barley (<i>Hordeum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Environmental Research and Public Health</i> , 2017, 14, 1273.	2.6	9
12	Formation of a lead insoluble phase using an immobilization material and its maximization in soil under unsaturated moisture conditions. <i>Journal of Soils and Sediments</i> , 2018, 18, 1052-1059.	3.0	8
13	Suitable Chemical Properties of Animal Manure Compost to Facilitate Pb Immobilization in Soil. <i>Soil and Sediment Contamination</i> , 2014, 23, 523-539.	1.9	6
14	Post-depositional changes in elemental leaching from recovered soils separated from disaster waste and tsunami deposits generated by the Great East Japan Earthquake and tsunami. <i>Journal of Environmental Management</i> , 2019, 233, 89-96.	7.8	6
15	Potential for Lead Release from Lead-Immobilized Animal Manure Compost in Rhizosphere Soil of Shooting Range. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-9.	1.7	5
16	Repeatable use of wood ash to remove lead from contaminated water. <i>Journal of Material Cycles and Waste Management</i> , 2015, 17, 590-597.	3.0	4
17	Evaluation of different culture conditions of <i>Clostridium bifermentans</i> DPH-1 for cost effective PCE degradation. <i>Biotechnology and Bioprocess Engineering</i> , 2005, 10, 40-46.	2.6	2
18	Removal of Fluoride from Wastewater of Hot Spring by Hydroxyapatite Synthesized from Gypsum Waste and Its Optimum Treatment. <i>Journal of Japan Society of Civil Engineers Ser G (Environmental)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	1