

Lisa Axe

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.

47
papers

1,633
citations

23
h-index

40
g-index

48
ext. papers

1,727
ext. citations

7.3
avg, IF

4.54
L-index

#	Paper	IF	Citations
47	Biogeochemical Coring and Preservation Method for Unconsolidated Soil Samples. <i>Ground Water Monitoring and Remediation</i> , 2021 , 41, 72-81	1.4	1
46	Identifying redox transition zones in the subsurface of a site with historical contamination. <i>Science of the Total Environment</i> , 2021 , 762, 143105	10.2	3
45	Impacts of cryogenic sampling processes on iron mineral coatings in contaminated sediment. <i>Science of the Total Environment</i> , 2021 , 765, 142796	10.2	2
44	Indicator Compounds Representative of Contaminants of Emerging Concern (CECs) Found in the Water Cycle in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
43	Roles of reactive iron mineral coatings in natural attenuation in redox transition zones preserved from a site with historical contamination. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126600	12.8	1
42	Characterizing Reactive Iron Mineral Coatings in Redox Transition Zones. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 2337-2346	3.2	2
41	Microbial community analysis in biologically active filters exhibiting efficient removal of emerging contaminants and impact of operational conditions. <i>Science of the Total Environment</i> , 2018 , 640-641, 1455-1464	10.2	13
40	Biologically active filters - An advanced water treatment process for contaminants of emerging concern. <i>Water Research</i> , 2017 , 114, 31-41	12.5	42
39	Light absorption properties of the New York/New Jersey Harbor Estuary. <i>Hydrobiologia</i> , 2016 , 766, 173-188		
38	A pilot plant study using conventional and advanced water treatment processes: Evaluating removal efficiency of indicator compounds representative of pharmaceuticals and personal care products. <i>Water Research</i> , 2016 , 105, 85-96	12.5	41
37	Field methods for rapidly characterizing paint waste during bridge rehabilitation. <i>Chemosphere</i> , 2015 , 134, 598-605	8.4	2
36	Metal concentrations and distribution in paint waste generated during bridge rehabilitation in New York State. <i>Science of the Total Environment</i> , 2015 , 526, 262-70	10.2	4
35	Metal leaching from the bridge paint waste in the presence of steel grit. <i>Chemosphere</i> , 2015 , 119, 1105-1112	11.2	7
34	Environmental impact of metal and metalloid leaching from highway marking glass beads. <i>Environmental Science & Technology</i> , 2013 , 47, 4383-91	10.3	2
33	Effects of Cd, Cu, Ni, and Zn on brown tide alga <i>Aureococcus anophagefferens</i> growth and metal accumulation. <i>Environmental Science & Technology</i> , 2012 , 46, 517-24	10.3	12
32	Risk Assessment of Metal Leaching into Groundwater from Phosphate and Thermal Treated Sediments. <i>Journal of Environmental Engineering, ASCE</i> , 2010 , 136, 427-434	2	4
31	Zn sorption mechanisms onto sheathed <i>Leptothrix discophora</i> and the impact of the nanoparticulate biogenic Mn oxide coating. <i>Journal of Colloid and Interface Science</i> , 2009 , 333, 439-47	9.3	34

30	Sequential Extraction of Phosphate- and Thermal-Treated New York/New Jersey Harbor Dredged Sediments. <i>Environmental Engineering Science</i> , 2009 , 26, 1755-1764	2	9
29	Heavy metal immobilization through phosphate and thermal treatment of dredged sediments. <i>Environmental Science & Technology</i> , 2008 , 42, 920-6	10.3	52
28	Ni(II) complexation to amorphous hydrous ferric oxide: an X-ray absorption spectroscopy study. <i>Journal of Colloid and Interface Science</i> , 2007 , 314, 10-7	9.3	45
27	The impact of Mn oxide coatings on Zn distribution. <i>Journal of Colloid and Interface Science</i> , 2006 , 298, 615-23	9.3	10
26	Surface complexation of Pb(II) on amorphous iron oxide and manganese oxide: spectroscopic and time studies. <i>Journal of Colloid and Interface Science</i> , 2006 , 299, 28-40	9.3	75
25	Bidentate complexation modeling of heavy metal adsorption and competition on goethite. <i>Environmental Science & Technology</i> , 2006 , 40, 2213-8	10.3	39
24	Nickel and lead sequestration in manganese oxide-coated montmorillonite. <i>Journal of Colloid and Interface Science</i> , 2006 , 303, 87-98	9.3	33
23	Long-Term Fate of Metal Contaminants in Soils and Sediments 2006 , 57-71		
22	Using a probabilistic approach in an ecological risk assessment simulation tool: test case for depleted uranium (DU). <i>Chemosphere</i> , 2005 , 60, 111-25	8.4	15
21	Properties and structure of manganese oxide-coated clay. <i>Journal of Colloid and Interface Science</i> , 2005 , 281, 80-92	9.3	37
20	Modeling Pb sorption to microporous amorphous oxides as discrete particles and coatings. <i>Journal of Colloid and Interface Science</i> , 2005 , 281, 39-48	9.3	79
19	Synthesis and characterization of iron oxide-coated silica and its effect on metal adsorption. <i>Journal of Colloid and Interface Science</i> , 2005 , 282, 11-9	9.3	139
18	The structure and stability of β -Ta thin films. <i>Thin Solid Films</i> , 2005 , 479, 166-173	2.2	41
17	The stability of the β phase of tantalum: a molecular dynamics study. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 1841-1850	1.8	12
16	The structure of small Ta clusters. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 6111-6121	1.8	10
15	Development and Application of Computer Simulation Tools for Ecological Risk Assessment. <i>Environmental Modeling and Assessment</i> , 2003 , 8, 311-322	2	14
14	Investigation of the structure of β -tantalum. <i>Thin Solid Films</i> , 2003 , 437, 116-122	2.2	38
13	Theory of the structural phases of group 5B metals and their transport properties. <i>Journal of Applied Physics</i> , 2003 , 93, 4543-4560	2.5	18

12	Adsorption of metal ions onto goethite: single-adsorbate and competitive systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001 , 191, 107-121	5.1	89
11	Ni and Zn Sorption to Amorphous versus Crystalline Iron Oxides: Macroscopic Studies. <i>Journal of Colloid and Interface Science</i> , 2001 , 244, 221-229	9.3	89
10	An Analysis of Zinc Sorption to Amorphous versus Crystalline Iron Oxides Using XAS. <i>Journal of Colloid and Interface Science</i> , 2001 , 244, 230-238	9.3	67
9	Predicting divalent metal sorption to hydrous Al, Fe, and Mn oxides. <i>Environmental Science & Technology</i> , 2001 , 35, 1779-84	10.3	115
8	XAS studies of Ni and Zn sorbed to hydrous manganese oxide. <i>Environmental Science & Technology</i> , 2001 , 35, 4515-21	10.3	55
7	Competition of Cd, Cu, and Pb Adsorption on Goethite. <i>Journal of Environmental Engineering, ASCE</i> , 2000 , 126, 66-74	2	107
6	A Comparison of Strontium Sorption to Hydrous Aluminum, Iron, and Manganese Oxides. <i>Journal of Colloid and Interface Science</i> , 1999 , 218, 554-563	9.3	86
5	An XAFS Analysis of Strontium at the Hydrous Ferric Oxide Surface. <i>Journal of Colloid and Interface Science</i> , 1998 , 199, 44-52	9.3	67
4	Intraparticle Diffusion of Metal Contaminants in Amorphous Oxide Minerals 1998 , 193-208		8
3	Experimental and Theoretical Diffusivities of Cd and Sr in Hydrous Ferric Oxide. <i>Journal of Colloid and Interface Science</i> , 1997 , 185, 436-48	9.3	50
2	Sr Diffusion and Reaction within Fe Oxides: Evaluation of the Rate-Limiting Mechanism for Sorption. <i>Journal of Colloid and Interface Science</i> , 1995 , 175, 157-165	9.3	57
1	Oxides and Related Surfaces: Diffusion5214-5224		