

Robert Ford

List of Publications by Year in descending order

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37
papers

2,372
citations

304743

22
h-index

377865

34
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all docs

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docs citations

38
times ranked

2300
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium-Removal Processes during Groundwater Remediation by a Zerovalent Iron Permeable Reactive Barrier. <i>Environmental Science & Technology</i> , 2005, 39, 4599-4605.	10.0	213
2	Changes in Transition and Heavy Metal Partitioning during Hydrous Iron Oxide Aging. <i>Environmental Science & Technology</i> , 1997, 31, 2028-2033.	10.0	206
3	Speciation of arsenic in sulfidic waters. <i>Geochemical Transactions</i> , 2003, 4, 1.	0.7	200
4	The Nature of Zn Precipitates Formed in the Presence of Pyrophyllite. <i>Environmental Science & Technology</i> , 2000, 34, 2479-2483.	10.0	166
5	Rates of Hydrous Ferric Oxide Crystallization and the Influence on Coprecipitated Arsenate. <i>Environmental Science & Technology</i> , 2002, 36, 2459-2463.	10.0	151
6	Kinetics and mechanisms of Zn complexation on metal oxides using EXAFS spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2003, 263, 364-376.	9.4	135
7	The Link between Clay Mineral Weathering and the Stabilization of Ni Surface Precipitates. <i>Environmental Science & Technology</i> , 1999, 33, 3140-3144.	10.0	131
8	Use of synthetic zeolites for arsenate removal from pollutant water. <i>Water Research</i> , 2004, 38, 3197-3204.	11.3	128
9	The role of Al in the formation of secondary Ni precipitates on pyrophyllite, gibbsite, talc, and amorphous silica: a DRS study. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3193-3203.	3.9	109
10	Stability of layered Ni hydroxide surface precipitates—a dissolution kinetics study. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 2727-2735.	3.9	96
11	Influence of sorbate-sorbent interactions on the crystallization kinetics of nickel- and lead-ferrihydrite coprecipitates. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 39-48.	3.9	92
12	Arsenic solid-phase partitioning in reducing sediments of a contaminated wetland. <i>Chemical Geology</i> , 2006, 228, 156-174.	3.3	90
13	Nonbiological Removal of cis-Dichloroethylene and 1,1-Dichloroethylene in Aquifer Sediment Containing Magnetite. <i>Environmental Science & Technology</i> , 2004, 38, 1746-1752.	10.0	88
14	Examination of Arsenic Speciation in Sulfidic Solutions Using X-ray Absorption Spectroscopy. <i>Environmental Science & Technology</i> , 2008, 42, 1643-1650.	10.0	62
15	Frontiers in metal sorption/precipitation mechanisms on soil mineral surfaces. <i>Advances in Agronomy</i> , 2001, 74, 41-62.	5.2	59
16	High crystallinity Si-ferrihydrite: An insight into its Néel temperature and size dependence of magnetic properties. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	56
17	Nest construction by a ground-nesting bird represents a potential trade-off between egg crypticity and thermoregulation. <i>Oecologia</i> , 2009, 159, 893-901.	2.0	52
18	Characterization of salt cake from secondary aluminum production. <i>Journal of Hazardous Materials</i> , 2014, 273, 192-199.	12.4	45

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19	Use of Hydrochloric Acid for Determining Solid-Phase Arsenic Partitioning in Sulfidic Sediments. <i>Environmental Science & Technology</i> , 2002, 36, 4921-4927.	10.0	44
20	Assessing the selectivity of extractant solutions for recovering labile arsenic associated with iron (hydr)oxides and sulfides in sediments. <i>Geoderma</i> , 2009, 152, 137-144.	5.1	37
21	Evaluating Relationships Between Total Dissolved Solids (TDS) and Total Suspended Solids (TSS) in a Mining-Influenced Watershed. <i>Mine Water and the Environment</i> , 2018, 37, 18-30.	2.0	36
22	Distinguishing between Surface and Bulk Dehydration-Dehydroxylation Reactions in Synthetic Goethites by High-Resolution Thermogravimetric Analysis. <i>Clays and Clay Minerals</i> , 1999, 47, 329-337.	1.3	31
23	Arsenic cycling within the water column of a small lake receiving contaminated ground-water discharge. <i>Chemical Geology</i> , 2006, 228, 137-155.	3.3	19
24	Optimizing standard sequential extraction protocol with lake and ocean sediments. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 282, 321-327.	1.5	19
25	MNA as a Remedy for Arsenic Mobilized by Anthropogenic Inputs of Organic Carbon. <i>Ground Water Monitoring and Remediation</i> , 2009, 29, 84-92.	0.8	18
26	Thioarsenite Detection and Implications for Arsenic Transport in Groundwater. <i>Environmental Science & Technology</i> , 2019, 53, 11684-11693.	10.0	18
27	Delineating landfill leachate discharge to an arsenic contaminated waterway. <i>Chemosphere</i> , 2011, 85, 1525-1537.	8.2	17
28	Goethite Morphologies Investigated via X-ray Diffraction of Oriented Samples. <i>Clays and Clay Minerals</i> , 1997, 45, 769-772.	1.3	16
29	Supporting contaminated sites management with Multiple Criteria Decision Analysis: Demonstration of a regulation-consistent approach. <i>Journal of Cleaner Production</i> , 2021, 316, 128347.	9.3	14
30	Introduction: Controls on arsenic transport in near-surface aquatic systems. <i>Chemical Geology</i> , 2006, 228, 1-5.	3.3	10
31	Examining the efficiency of muffle furnace-induced alkaline hydrolysis in determining the titanium content of environmental samples containing engineered titanium dioxide particles. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 645.	3.5	5
32	Role of Synchrotron Techniques in USEPA Regulatory and Remediation Decisions. <i>Developments in Soil Science</i> , 2010, 34, 147-169.	0.5	3
33	Monitored natural attenuation forum: MNA of metals and radionuclides. <i>Remediation</i> , 2007, 18, 121-129.	2.4	2
34	Spreadsheet Tools for Quantifying Seepage Flux Across the GW&GW Interface. <i>Water Resources Research</i> , 2021, 57, e2019WR026232.	4.2	2
35	Structural Dynamics of Metal Partitioning to Mineral Surfaces. , 2006, , 73-88.		2
36	Zeolite Performance as an Anion Exchanger for Arsenic Sequestration in Water. <i>ACS Symposium Series</i> , 2005, , 306-320.	0.5	0

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37	Response to Comment on "Thioarsenite Detection and Implications for Arsenic Transport in Groundwater" Environmental Science & Technology, 2020, 54, 7732-7733.	10.0	0