Lars LÃ¶vgren

List of Publications by Year
in descending order

37 papers	1,949 citations	279798 23 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	1916 citing authors

#	Article	IF	Citations
1	Multivariate assessment of barriers materials for treatment of complex groundwater rich in dissolved organic matter and organic and inorganic contaminants. Journal of Environmental Chemical Engineering, 2017, 5, 3075-3082.	6.7	11
2	Comparison of nutrient concentrations in leaves of five plants. Journal of Plant Nutrition, 2017, 40, 239-247.	1.9	5
3	On the leaching of mercury by brackish seawater from permeable barriers materials and soil. Journal of Environmental Chemical Engineering, 2015, 3, 1200-1206.	6.7	11
4	Evaluation of barrier materials for removing pollutants from groundwater rich in natural organic matter. Water Science and Technology, 2014, 70, 32-39.	2.5	14
5	Metal resistance or tolerance? Acidophiles confront high metal loads via both abiotic and biotic mechanisms. Frontiers in Microbiology, 2014, 5, 157.	3.5	51
6	Surface complexation modelling of arsenate and copper adsorbed at the goethite/water interface. Applied Geochemistry, 2013, 35, 64-74.	3.0	9
7	Extreme zinc tolerance in acidophilic microorganisms from the bacterial and archaeal domains. Extremophiles, 2013, 17, 75-85.	2.3	68
8	Potentiometric Titrations as a Tool for Surface Charge Determination. Croatica Chemica Acta, 2012, 85, 391-417.	0.4	96
9	Surface complexes of monomethyl phosphate stabilized by hydrogen bonding on goethite (Î±-FeOOH) nanoparticles. Journal of Colloid and Interface Science, 2012, 386, 350-358.	9.4	23
10	Composition and solubility of precipitated copper(II) arsenates. Applied Geochemistry, 2011, 26, 696-704.	3.0	8
11	Arsenic chemical species-dependent genotoxic potential in water extracts from two CCA-contaminated soils measured by DNA-repair deficient CHO-cells. Science of the Total Environment, 2009, 407, 4253-4260.	8.0	0
12	Silicate mineral dissolution in the presence of acidophilic microorganisms: Implications for heap bioleaching. Hydrometallurgy, 2009, 96, 288-293.	4.3	78
13	Impact of water saturation level on arsenic and metal mobility in the Fe-amended soil. Chemosphere, 2009, 74, 206-215.	8.2	48
14	Protonation of different goethite surfacesâ€"Unified models for NaNO3 and NaCl media. Journal of Colloid and Interface Science, 2008, 317, 155-165.	9.4	43
15	Techniques for the Stabilization and Assessment of Treated Copper-, Chromium-, and Arsenic-contaminated Soil. Ambio, 2007, 36, 430-436.	5.5	9
16	Precipitation of secondary Fe(III) minerals from acid mine drainage. Applied Geochemistry, 2006, 21, 437-445.	3.0	83
17	Adsorption of Cu(II) to schwertmannite and goethite in presence of dissolved organic matter. Water Research, 2006, 40, 969-974.	11.3	50
18	Phosphate Sorption in Aluminum- and Iron-Rich Humus Soils. Soil Science Society of America Journal, 2005, 69, 77-86.	2.2	121

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19	Schwertmannite precipitated from acid mine drainage: phase transformation, sulphate release and surface properties. Applied Geochemistry, 2005, 20, 179-191.	3.0	239
20	Aqueous geochemistry in the Udden pit lake, northern Sweden. Applied Geochemistry, 2003, 18, 97-108.	3.0	47
21	Limitations of the potentiometric titration technique in determining the proton active site density of goethite surfaces. Geochimica Et Cosmochimica Acta, 2002, 66, 3389-3396.	3.9	44
22	Evaluation of different approaches to quantify strong organic acidity and acidâ€“base buffering of organic-rich surface waters in Sweden. Water Research, 2002, 36, 4487-4496.	11.3	21
23	Competitive Metal Ion Adsorption in Goethite Systems Using In Situ Voltammetric Methods and Potentiometry. Journal of Colloid and Interface Science, 1999, 218, 388-396.	9.4	15
24	Strontium Sorption on Hematite at Elevated Temperatures. Journal of Colloid and Interface Science, 1999, 220, 419-428.	9.4	56
25	Complexation of Gold(III)-Chloride at the Surface of Hematite. Aquatic Geochemistry, 1998, 4, 215-231.	1.3	20
26	Comparison of the Adsorption ofo-Phthalate on Boehmite (Î³-AlOOH), Aged Î³-Al2O3, and Goethite (Î±-FeOOH). Journal of Colloid and Interface Science, 1998, 206, 252-266.	9.4	81
27	In SituVoltammetric Determinations of Metal Ions in Goethite Suspensions: Single Metal Ion Systems. Journal of Colloid and Interface Science, 1997, 196, 254-266.	9.4	24
28	Potentiometric and spectroscopic studies of sulfate complexation at the goethite-water interface. Geochimica Et Cosmochimica Acta, 1996, 60, 2789-2799.	3.9	99
29	Competitive surface complexation of o-phthalate and phosphate on goethite (Î±-FeOOH) particles. Geochimica Et Cosmochimica Acta, 1996, 60, 4385-4395.	3.9	95
30	Potentiometric titration of unbleached kraft cellulose fibre surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1994, 88, 277-287.	4.7	45
31	Complexation of Pb(II) at the goethite (Î±-FeOOH)/water interface: The influence of chloride. Geochimica Et Cosmochimica Acta, 1994, 58, 4973-4983.	3.9	88
32	The application of potentiometric techniques to study complexation reactions at the mineral/water interface. Aquatic Sciences, 1993, 55, 324-335.	1.5	21
33	Phosphate complexation at the surface of goethite. Chemical Speciation and Bioavailability, 1992, 4, 121-130.	2.0	42
34	Complexation reactions of phthalic acid and aluminium (III) with the surface of goethite. Geochimica Et Cosmochimica Acta, 1991, 55, 3639-3645.	3.9	24
35	Acid/base reactions and Al(III) complexation at the surface of goethite. Geochimica Et Cosmochimica Acta, 1990, 54, 1301-1306.	3.9	149
36	Equilibrium approaches to natural water systemsâ€”7. Complexation reactions of copper(II), cadmium(II) and mercury(II) with dissolved organic matter in a concentrated bog-water. Water Research, 1989, 23, 327-332.	11.3	68

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37	Equilibrium approaches to natural water systemsâ€"6. Acid-base properties of a concentrated bog-water and its complexation reactions with aluminium(III). Water Research, 1987, 21, 1401-1407.	11.3	43