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List of Publications by Year
in descending order

46 papers	2,428 citations	218381 26 h-index	214527 47 g-index
47 all docs	47 docs citations	47 times ranked	2825 citing authors

#	Article	IF	Citations
1	Exploring Key Soil Parameters Relevant to Arsenic and Cadmium Accumulation in Rice Grain in Southern China. Soil Systems, 2022, 6, 36.	1.0	4
2	Copper mobilisation from Cu sulphide minerals by methanobactin: Effect of <scp>pH</scp>, oxygen and natural organic matter. Geobiology, 2022, 20, 690-706.	1.1	5
3	Sulfur amendments to soil decrease inorganic arsenic accumulation in rice grain under flooded and nonflooded conditions: Insights from temporal dynamics of porewater chemistry and solid-phase arsenic solubility. Science of the Total Environment, 2021, 779, 146352.	3.9	16
4	Two-year and multi-site field trials to evaluate soil amendments for controlling cadmium accumulation in rice grain. Environmental Pollution, 2021, 289, 117918.	3.7	20
5	The Effect of Aeration on Mn(II) Sorbed to Clay Minerals and Its Impact on Cd Retention. Environmental Science & Technology, 2021, 55, 1650-1658.	4.6	16
6	Effects of natural organic matter (NOM), metal-to-sulfide ratio and Mn2+on cadmium sulfide nanoparticle growth and colloidal stability. Environmental Science: Nano, 2020, 7, 3385-3404.	2.2	7
7	Interactions of ferrous iron with clay mineral surfaces during sorption and subsequent oxidation. Environmental Sciences: Processes and Impacts, 2020, 22, 1355-1367.	1.7	25
8	Effect of NOM on copper sulfide nanoparticle growth, stability, and oxidative dissolution. Environmental Science: Nano, 2020, 7, 1163-1178.	2.2	11
9	Surface precipitation of Mn²⁺ on clay minerals enhances Cd²⁺ sorption under anoxic conditions. Environmental Sciences: Processes and Impacts, 2020, 22, 1654-1665.	1.7	15
10	Effect of extreme metal(loid) concentrations on prokaryotic community structure in floodplain soils contaminated with mine waste. Applied Soil Ecology, 2019, 144, 182-195.	2.1	2
11	Magnesium binding by terrestrial humic acids. Environmental Chemistry, 2018, 15, 317.	0.7	6
12	Zinc solubility in tropical paddy soils: A multi-chemical extraction technique study. Geoderma, 2017, 301, 1-10.	2.3	22
13	Reductive solubilization of arsenic in a mining-impacted river floodplain: Influence of soil properties and temperature. Environmental Pollution, 2017, 231, 722-731.	3.7	24
14	Biochar as possible long-term soil amendment for phytostabilisation of TE-contaminated soils. Environmental Science and Pollution Research, 2016, 23, 17449-17458.	2.7	17
15	Nitrogen and phosphorus availability at early stages of soil development in the Damma glacier forefield, Switzerland; implications for establishment of N2-fixing plants. Plant and Soil, 2016, 404, 251-261.	1.8	29
16	Clarithromycin and Tetracycline Binding to Soil Humic Acid in the Absence and Presence of Calcium. Environmental Science & Technology, 2016, 50, 9933-9942.	4.6	51
17	Soil-to-plant transfer of arsenic and phosphorus along a contamination gradient in the mining-impacted Ogosta River floodplain. Science of the Total Environment, 2016, 572, 742-754.	3.9	21
18	Copper Redox Transformation and Complexation by Reduced and Oxidized Soil Humic Acid. 1. X-ray Absorption Spectroscopy Study. Environmental Science & Technology, 2013, 47, 10903-10911.	4.6	66

#	Article	IF	Citations
19	Copper Redox Transformation and Complexation by Reduced and Oxidized Soil Humic Acid. 2. Potentiometric Titrations and Dialysis Cell Experiments. Environmental Science & Technology, 2013, 47, 10912-10921.	4.6	35
20	Competitive ligand exchange between <scp><scp>Cu</scp></scp>â€"humic acid complexes and methanobactin. Geobiology, 2013, 11, 44-54.	1.1	18
21	Aerobic Reduction of Chromium(VI) by<i>Pseudomonas corrugata</i>28: Influence of Metabolism and Fate of Reduced Chromium. Geomicrobiology Journal, 2012, 29, 173-185.	1.0	22
22	Ionic strength- and pH-dependence of calcium binding by terrestrial humic acids. Environmental Chemistry, 2012, 9, 89.	0.7	36
23	Reduction and Reoxidation of Humic Acid: Influence on Speciation of Cadmium and Silver. Environmental Science & Technology, 2012, 46, 8808-8816.	4.6	66
24	Polymerization of Silicate on Hematite Surfaces and Its Influence on Arsenic Sorption. Environmental Science & Technology, 2012, 46, 13235-13243.	4.6	71
25	Copper complexation of methanobactin isolated from Methylosinus trichosporium OB3b: pH-dependent speciation and modeling. Journal of Inorganic Biochemistry, 2012, 116, 55-62.	1.5	19
26	Climateâ€sensitive ecosystem carbon dynamics along the soil chronosequence of the <scp>D</scp>amma glacier forefield, <scp>S</scp>witzerland. Global Change Biology, 2012, 18, 1941-1955.	4.2	38
27	Competitive sorption of carbonate and arsenic to hematite: Combined ATR-FTIR and batch experiments. Journal of Colloid and Interface Science, 2012, 377, 313-321.	5.0	116
28	Isolation and purification of Cu-free methanobactin from Methylosinus trichosporiumOB3b. Geochemical Transactions, 2011, 12, 2.	1.8	13
29	Reduction and Reoxidation of Humic Acid: Influence on Spectroscopic Properties and Proton Binding. Environmental Science & Technology, 2010, 44, 5787-5792.	4.6	95
30	Cation Binding of Antimicrobial Sulfathiazole to Leonardite Humic Acid. Environmental Science & Technology, 2009, 43, 6632-6638.	4.6	73
31	Synthetic coprecipitates of exopolysaccharides and ferrihydrite. Part I: Characterization. Geochimica Et Cosmochimica Acta, 2008, 72, 1111-1127.	1.6	165
32	Proton and Trivalent Metal Cation Binding by Dissolved Organic Matter in the Opalinus Clay and the Callovo-Oxfordian Formation. Environmental Science & Technology, 2008, 42, 5985-5991.	4.6	17
33	Isolation and characterization of dissolved organic matter from the Callovoâ€"Oxfordian formation. Applied Geochemistry, 2007, 22, 1537-1548.	1.4	63
34	Characterization of dissolved organic matter in anoxic rock extracts and in situ pore water of the Opalinus Clay. Applied Geochemistry, 2007, 22, 2926-2939.	1.4	70
35	C-1s NEXAFS Spectroscopy Reveals Chemical Fractionation of Humic Acid by Cation-Induced Coagulation. Environmental Science & Technology, 2007, 41, 1915-1920.	4.6	97
36	Chemical composition of aquatic dissolved organic matter in five boreal forest catchments sampled in spring and fall seasons. Biogeochemistry, 2006, 80, 263-275.	1.7	49

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37	Competitive sorption of protons and metal cations onto kaolinite: experiments and modeling. Journal of Colloid and Interface Science, 2005, 282, 270-282.	5.0	87
38	Chemical Heterogeneity of Organic Soil Colloids Investigated by Scanning Transmission X-ray Microscopy and C-1s NEXAFS Microspectroscopy. Environmental Science & Technology, 2005, 39, 9094-9100.	4.6	147
39	Aggregation Kinetics of Kaoliniteâˆ’Fulvic Acid Colloids as Affected by the Sorption of Cu and Pb. Environmental Science & Technology, 2005, 39, 807-813.	4.6	50
40	Effect of Humic and Fulvic Acid Concentrations and Ionic Strength on Copper and Lead Binding. Environmental Science & Technology, 2005, 39, 5319-5326.	4.6	86
41	Sorption of Cu and Pb to kaolinite-fulvic acid colloids: Assessment of sorbent interactions. Geochimica Et Cosmochimica Acta, 2005, 69, 1675-1686.	1.6	66
42	Relating Ion Binding by Fulvic and Humic Acids to Chemical Composition and Molecular Size. 1. Proton Binding. Environmental Science & Technology, 2001, 35, 2505-2511.	4.6	135
43	Interaction of copper and fulvic acid at the hematite-water interface. Geochimica Et Cosmochimica Acta, 2001, 65, 3435-3442.	1.6	120
44	Relating Ion Binding by Fulvic and Humic Acids to Chemical Composition and Molecular Size. 2. Metal Binding. Environmental Science & Technology, 2001, 35, 2512-2517.	4.6	158
45	Title is missing!. Hyperfine Interactions, 2001, 136, 73-95.	0.2	41
46	Competitive sorption of copper and lead at the oxide-water interface: Implications for surface site density. Geochimica Et Cosmochimica Acta, 1999, 63, 2929-2938.	1.6	108