Drew E Latta

List of Publications by Year
in descending order

20 papers	1,068 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1459 citing authors

#	Article	IF	Citations
1	Fate of CuO and ZnO Nano- and Microparticles in the Plant Environment. Environmental Science & Technology, 2013, 47, 4734-4742.	10.0	246
2	Fe(II)-Catalyzed Recrystallization of Goethite Revisited. Environmental Science & Technology, 2014, 48, 11302-11311.	10.0	160
3	Influence of Fe2+-catalysed iron oxide recrystallization on metal cycling. Biochemical Society Transactions, 2012, 40, 1191-1197.	3.4	80
4	Fe(II)-Catalyzed Transformation of Organic Matterâ€“Ferrihydrite Coprecipitates: A Closer Look Using Fe Isotopes. Environmental Science & Technology, 2018, 52, 11142-11150.	10.0	80
5	The Role of Defects in Fe(II)â€“Goethite Electron Transfer. Environmental Science & Technology, 2018, 52, 2751-2759.	10.0	76
6	Stable U(IV) Complexes Form at High-Affinity Mineral Surface Sites. Environmental Science & Technology, 2014, 48, 1683-1691.	10.0	67
7	Fe(II)â€“Fe(III) Electron Transfer in a Clay Mineral with Low Fe Content. ACS Earth and Space Chemistry, 2017, 1, 197-208.	2.7	57
8	Post Gold King Mine Spill Investigation of Metal Stability in Water and Sediments of the Animas River Watershed. Environmental Science & Technology, 2016, 50, 11539-11548.	10.0	45
9	Mineral Defects Enhance Bioavailability of Goethite toward Microbial Fe(III) Reduction. Environmental Science & Technology, 2019, 53, 8883-8891.	10.0	42
10	Abiotic Degradation of Chlorinated Solvents by Clay Minerals and Fe(II): Evidence for Reactive Mineral Intermediates. Environmental Science & Technology, 2019, 53, 14308-14318.	10.0	31
11	Reaction of U^{VI} with Titanium-Substituted Magnetite: Influence of Ti on U^{IV} Speciation. Environmental Science & Technology, 2013, 47, 4121-4130.	10.0	30
12	Reduction of PCE and TCE by magnetite revisited. Environmental Sciences: Processes and Impacts, 2018, 20, 1340-1349.	3.5	29
13	Effects of calcium and phosphate on uranium(IV) oxidation: Comparison between nanoparticulate uraninite and amorphous UIVâ€“phosphate. Geochimica Et Cosmochimica Acta, 2016, 174, 122-142.	3.9	26
14	Effect of bicarbonate and phosphate on arsenic release from mining-impacted sediments in the Cheyenne River watershed, South Dakota, USA. Environmental Sciences: Processes and Impacts, 2019, 21, 456-468.	3.5	25
15	A Closer Look at Fe(II) Passivation of Goethite. ACS Earth and Space Chemistry, 2019, 3, 2717-2725.	2.7	22
16	Surface area effects on the reduction of UVI in the presence of synthetic montmorillonite. Chemical Geology, 2017, 464, 110-117.	3.3	19
17	Reactivity of As and U co-occurring in Mine Wastes in northeastern Arizona. Chemical Geology, 2019, 522, 26-37.	3.3	14
18	Effect of organic C on stable Fe isotope fractionation and isotope exchange kinetics between aqueous Fe(II) and ferrihydrite at neutral pH. Chemical Geology, 2020, 531, 119344.	3.3	10

#	Article	IF	Citations
19	Abiotic reduction of nitrite by Fe(<scp>ii</scp>): a comparison of rates and N₂O production. Environmental Sciences: Processes and Impacts, 2021, 23, 1531-1541.	3.5	6
20	Estimating Consumers at Risk from Drinking Elevated Lead Concentrations: An Iowa Case Study. Environmental Science and Technology Letters, 2020, 7, 948-953.	8.7	3