

# Drew E Latta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2114492/publications.pdf>

Version: 2024-02-01

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	Abiotic reduction of nitrite by Fe( <sup>ii</sup> ): a comparison of rates and N <sub>2</sub> O production. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1531-1541.	3.5	6
2	Effect of organic C on stable Fe isotope fractionation and isotope exchange kinetics between aqueous Fe(II) and ferrihydrite at neutral pH. <i>Chemical Geology</i> , 2020, 531, 119344.	3.3	10
3	Estimating Consumers at Risk from Drinking Elevated Lead Concentrations: An Iowa Case Study. <i>Environmental Science and Technology Letters</i> , 2020, 7, 948-953.	8.7	3
4	Mineral Defects Enhance Bioavailability of Goethite toward Microbial Fe(III) Reduction. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8883-8891.	10.0	42
5	A Closer Look at Fe(II) Passivation of Goethite. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2717-2725.	2.7	22
6	Reactivity of As and U co-occurring in Mine Wastes in northeastern Arizona. <i>Chemical Geology</i> , 2019, 522, 26-37.	3.3	14
7	Effect of bicarbonate and phosphate on arsenic release from mining-impacted sediments in the Cheyenne River watershed, South Dakota, USA. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 456-468.	3.5	25
8	Abiotic Degradation of Chlorinated Solvents by Clay Minerals and Fe(II): Evidence for Reactive Mineral Intermediates. <i>Environmental Science &amp; Technology</i> , 2019, 53, 14308-14318.	10.0	31
9	The Role of Defects in Fe(II)→Goethite Electron Transfer. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2751-2759.	10.0	76
10	Fe(II)-Catalyzed Transformation of Organic Matter→Ferrihydrite Coprecipitates: A Closer Look Using Fe Isotopes. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11142-11150.	10.0	80
11	Reduction of PCE and TCE by magnetite revisited. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1340-1349.	3.5	29
12	Surface area effects on the reduction of UVI in the presence of synthetic montmorillonite. <i>Chemical Geology</i> , 2017, 464, 110-117.	3.3	19
13	Fe(II)→Fe(III) Electron Transfer in a Clay Mineral with Low Fe Content. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 197-208.	2.7	57
14	Post Gold King Mine Spill Investigation of Metal Stability in Water and Sediments of the Animas River Watershed. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11539-11548.	10.0	45
15	Effects of calcium and phosphate on uranium(IV) oxidation: Comparison between nanoparticulate uraninite and amorphous UIV→phosphate. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 122-142.	3.9	26
16	Stable U(IV) Complexes Form at High-Affinity Mineral Surface Sites. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1683-1691.	10.0	67
17	Fe(II)-Catalyzed Recrystallization of Goethite Revisited. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11302-11311.	10.0	160
18	Fate of CuO and ZnO Nano- and Microparticles in the Plant Environment. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4734-4742.	10.0	246

#	ARTICLE	IF	CITATIONS
19	Reaction of U <sup>VI</sup> with Titanium-Substituted Magnetite: Influence of Ti on U <sup>IV</sup> Speciation. Environmental Science & Technology, 2013, 47, 4121-4130.	10.0	30
20	Influence of Fe <sup>2+</sup> -catalysed iron oxide recrystallization on metal cycling. Biochemical Society Transactions, 2012, 40, 1191-1197.	3.4	80