

Anke Neumann

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,420
citations

393982

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676716

22
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23
docs citations

23
times ranked

1299
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic Removal with Composite Iron Matrix Filters in Bangladesh: A Field and Laboratory Study. <i>Environmental Science & Technology</i> , 2013, 47, 4544-4554.	4.6	164
2	Fe(II)-Catalyzed Recrystallization of Goethite Revisited. <i>Environmental Science & Technology</i> , 2014, 48, 11302-11311.	4.6	160
3	Spectroscopic Evidence for Fe(II)→Fe(III) Electron Transfer at Clay Mineral Edge and Basal Sites. <i>Environmental Science & Technology</i> , 2013, 47, 6969-6977.	4.6	137
4	Reduction of Nitroaromatic Compounds by Fe(II) Species Associated with Iron-Rich Smectites. <i>Environmental Science & Technology</i> , 2006, 40, 235-242.	4.6	134
5	Evaluation of redox-active iron sites in smectites using middle and near infrared spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2336-2355.	1.6	104
6	Assessing the Redox Reactivity of Structural Iron in Smectites Using Nitroaromatic Compounds As Kinetic Probes. <i>Environmental Science & Technology</i> , 2008, 42, 8381-8387.	4.6	91
7	Reduction of Polychlorinated Ethanes and Carbon Tetrachloride by Structural Fe(II) in Smectites. <i>Environmental Science & Technology</i> , 2009, 43, 4082-4089.	4.6	89
8	The Role of Defects in Fe(II)→Goethite Electron Transfer. <i>Environmental Science & Technology</i> , 2018, 52, 2751-2759.	4.6	76
9	Oxidative Degradation of Organic Contaminants by FeS in the Presence of O ₂ . <i>Environmental Science & Technology</i> , 2020, 54, 4091-4101.	4.6	76
10	Substituent Effects on Nitrogen Isotope Fractionation During Abiotic Reduction of Nitroaromatic Compounds. <i>Environmental Science & Technology</i> , 2008, 42, 1997-2003.	4.6	59
11	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.	1.2	57
12	Atom Exchange between Aqueous Fe(II) and Structural Fe in Clay Minerals. <i>Environmental Science & Technology</i> , 2015, 49, 2786-2795.	4.6	46
13	Electron Exchange and Conduction in Nontronite from First-Principles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2032-2040.	1.5	43
14	Tc(VII) and Cr(VI) Interaction with Naturally Reduced Ferruginous Smectite from a Redox Transition Zone. <i>Environmental Science & Technology</i> , 2017, 51, 9042-9052.	4.6	38
15	Abiotic Degradation of Chlorinated Solvents by Clay Minerals and Fe(II): Evidence for Reactive Mineral Intermediates. <i>Environmental Science & Technology</i> , 2019, 53, 14308-14318.	4.6	31
16	Reduction of PCE and TCE by magnetite revisited. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1340-1349.	1.7	29
17	Redox Properties of Structural Fe in Smectite Clay Minerals. <i>ACS Symposium Series</i> , 2011, , 361-379.	0.5	22
18	A Closer Look at Fe(II) Passivation of Goethite. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2717-2725.	1.2	22

#	ARTICLE	IF	CITATIONS
19	pH-Dependent Structure-Activity Relationship of Polyaniline-Intercalated FeOCl for Heterogeneous Fenton Reactions. ACS Omega, 2019, 4, 21945-21953.	1.6	20
20	Fe(II) Induced Reduction of Incorporated U(VI) to U(V) in Goethite. Environmental Science & Technology, 2021, 55, 16445-16454.	4.6	11
21	Emerging investigator series: As(V) in magnetite: incorporation and redistribution. Environmental Sciences: Processes and Impacts, 2017, 19, 1208-1219.	1.7	8
22	Effect of Structural Fe Reduction on Water Sorption by Swelling and Non-Swelling Clay Minerals. Minerals (Basel, Switzerland), 2022, 12, 453.	0.8	3