Patricia M Fox

List of Publications by Year
in descending order

27 papers	1,165 citations	471509 17 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	1399 citing authors

#	Article	IF	Citations
1	Production of hydrogen peroxide in an intra-meander hyporheic zone at East River, Colorado. Scientific Reports, 2022, 12, 712.	3.3	3
2	Sulfur Biogeochemical Cycling and Redox Dynamics in a Shaleâ€Dominated Mountainous Watershed. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	5
3	Modeling the Impact of Riparian Hollows on River Corridor Nitrogen Exports. Frontiers in Water, 2021, 3, .	2.3	15
4	Shale as a Source of Organic Carbon in Floodplain Sediments of a Mountainous Watershed. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005419.	3.0	14
5	Geochemical Controls on Release and Speciation of Fe(II) and Mn(II) From Hyporheic Sediments of East River, Colorado. Frontiers in Water, 2020, 2, .	2.3	7
6	Effects of bentonite heating on U(VI) adsorption. Applied Geochemistry, 2019, 109, 104392.	3.0	8
7	Geochemical Exports to River From the Intrameander Hyporheic Zone Under Transient Hydrologic Conditions: East River Mountainous Watershed, Colorado. Water Resources Research, 2018, 54, 8456-8477.	4.2	66
8	Characterization of natural organic matter in low-carbon sediments: Extraction and analytical approaches. Organic Geochemistry, 2017, 114, 12-22.	1.8	42
9	Bicarbonate impact on U(VI) bioreduction in a shallow alluvial aquifer. Geochimica Et Cosmochimica Acta, 2015, 150, 106-124.	3.9	58
10	Speciation and Reactivity of Uranium Products Formed during in Situ Bioremediation in a Shallow Alluvial Aquifer. Environmental Science & Technology, 2014, 48, 12842-12850.	10.0	56
11	Evaluating Chemical Extraction Techniques for the Determination of Uranium Oxidation State in Reduced Aquifer Sediments. Environmental Science & Technology, 2013, 47, 9225-9232.	10.0	27
12	Persistence of uranium groundwater plumes: Contrasting mechanisms at two DOE sites in the groundwaterâ€“river interaction zone. Journal of Contaminant Hydrology, 2013, 147, 45-72.	3.3	136
13	Sorption and Redox Reactions of As(III) and As(V) within Secondary Mineral Coatings on Aquifer Sediment Grains. Environmental Science & Technology, 2013, 47, 11569-11576.	10.0	25
14	Abiotic U(VI) reduction by sorbed Fe(II) on natural sediments. Geochimica Et Cosmochimica Acta, 2013, 117, 266-282.	3.9	43
15	Rateâ€limited U(VI) desorption during a smallâ€scale tracer test in a heterogeneous uraniumâ€contaminated aquifer. Water Resources Research, 2012, 48, .	4.2	42
16	Redox Transformations and Transport of Cesium and Iodine (â˜’1, 0, +5) in Oxidizing and Reducing Zones of a Sand and Gravel Aquifer. Environmental Science & Technology, 2010, 44, 1940-1946.	10.0	24
17	Surface Complexation Modeling of U(VI) Adsorption by Aquifer Sediments from a Former Mill Tailings Site at Rifle, Colorado. Environmental Science & Technology, 2009, 43, 9368-9373.	10.0	46
18	The kinetics of iodide oxidation by the manganese oxide mineral birnessite. Geochimica Et Cosmochimica Acta, 2009, 73, 2850-2861.	3.9	61

#	Article	IF	Citations
19	The effect of calcium on aqueous uranium(VI) speciation and adsorption to ferrihydrite and quartz. Geochimica Et Cosmochimica Acta, 2006, 70, 1379-1387.	3.9	246
20	Processes affecting transport of uranium in a suboxic aquifer. Physics and Chemistry of the Earth, 2006, 31, 548-555.	2.9	37
21	The influence of groundwater chemistry on arsenic concentrations and speciation in a quartz sand	0.7	57
22	Comparison of in situ uranium KD values with a laboratory determined surface complexation model. Applied Geochemistry, 2004, , .	3.0	0
23	Comparison of in situ uranium KD values with a laboratory determined surface complexation model. Applied Geochemistry, 2004, 19, 1643-1653.	3.0	72
24	The influence of groundwater chemistry on arsenic concentrations and speciation in a quartz sand and gravel aquifer. Geochemical Transactions, 2004, 5, 1.	0.7	5
25	Accumulation, Release, and Solubility of Arsenic, Molybdenum, and Vanadium in Wetland Sediments. Journal of Environmental Quality, 2003, 32, 2428-2435.	2.0	46
26	Trace Element Retention and Release on Minerals and Soil in a Constructed Wetland. Journal of Environmental Quality, 2002, 31, 331-338.	2.0	15
27	Trace Element Retention and Release on Minerals and Soil in a Constructed Wetland. Journal of Environmental Quality, 2002, 31, 331.	2.0	9