

# Valerie A Schoepfer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6980696/publications.pdf>

Version: 2024-02-01

11  
papers

279  
citations

1162367

8  
h-index

1281420

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Schwertmannite: A review of its occurrence, formation, structure, stability and interactions with oxyanions. <i>Earth-Science Reviews</i> , 2021, 221, 103811.	4.0	56
2	Iron clad wetlands: Soil iron-sulfur buffering determines coastal wetland response to salt water incursion. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2209-2219.	1.3	44
3	Impacts of Saltwater Incursion on Plant Communities, Anaerobic Microbial Metabolism, and Resulting Relationships in a Restored Freshwater Wetland. <i>Ecosystems</i> , 2014, 17, 792-807.	1.6	41
4	Arsenic-Imposed Effects on Schwertmannite and Jarosite Formation in Acid Mine Drainage and Coupled Impacts on Arsenic Mobility. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1418-1435.	1.2	35
5	Contrasting effects of phosphate on the rapid transformation of schwertmannite to Fe(III) (oxy)hydroxides at near-neutral pH. <i>Geoderma</i> , 2019, 340, 115-123.	2.3	24
6	Phosphate-Imposed Constraints on Schwertmannite Stability under Reducing Conditions. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9739-9746.	4.6	22
7	Phosphate loading alters schwertmannite transformation rates and pathways during microbial reduction. <i>Science of the Total Environment</i> , 2019, 657, 770-780.	3.9	22
8	Aluminum sulfate (alum) application interactions with coupled metal and nutrient cycling in a hypereutrophic lake ecosystem. <i>Environmental Pollution</i> , 2013, 176, 267-274.	3.7	21
9	Structural Incorporation of Sorbed Molybdate during Iron(II)-Induced Transformation of Ferrihydrite and Goethite under Advective Flow Conditions. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1114-1126.	1.2	8
10	Seasonal Salinization Decreases Spatial Heterogeneity of Sulfate Reducing Activity. <i>Soil Systems</i> , 2019, 3, 25.	1.0	3
11	Molybdenum(VI) Sequestration Mechanisms During Iron(II)-Induced Ferrihydrite Transformation. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2094-2104.	1.2	3