

# Michael S Massey

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

567  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microspectroscopy reveals dust-derived apatite grains in acidic, highly-weathered Hawaiian soils. <i>Geoderma</i> , 2021, 381, 114681.	5.1	22
2	Fe(II)-induced transformation of iron minerals in soil ferromanganese nodules. <i>Chemical Geology</i> , 2021, 559, 119901.	3.3	10
3	Phosphorus removal from swine wastewater using aluminum-based water treatment residuals. <i>Resources Conservation &amp; Recycling X</i> , 2020, 6, 100039.	4.2	3
4	Assessing modified aluminum-based water treatment residuals as a plant-available phosphorus source. <i>Chemosphere</i> , 2020, 247, 125949.	8.2	6
5	Mechanisms Responsible for Soil Phosphorus Availability Differences between Sprinkler and Furrow Irrigation. <i>Journal of Environmental Quality</i> , 2019, 48, 1370-1379.	2.0	10
6	Making Phosphorus Fertilizer from Dairy Wastewater with Aluminum Water Treatment Residuals. <i>Soil Science Society of America Journal</i> , 2019, 83, 649-657.	2.2	9
7	X-ray Spectroscopic Quantification of Struvite and Dittmarite Recovered from Wastewater. <i>Journal of Environmental Quality</i> , 2019, 48, 193-198.	2.0	7
8	Phosphorus Sorption Characteristics in Aluminum-based Water Treatment Residuals Reacted with Dairy Wastewater: 1. Isotherms, XRD, and SEM-EDS Analysis. <i>Journal of Environmental Quality</i> , 2018, 47, 538-545.	2.0	14
9	Phosphorus Sorption to Aluminum-based Water Treatment Residuals Reacted with Dairy Wastewater: 2. X-ray Absorption Spectroscopy. <i>Journal of Environmental Quality</i> , 2018, 47, 546-553.	2.0	12
10	Combining spectroscopic and isotopic techniques gives a dynamic view of phosphorus cycling in soil. <i>Nature Communications</i> , 2018, 9, 3226.	12.8	141
11	Innovative approach for recycling phosphorous from agro-wastewaters using water treatment residuals (WTR). <i>Chemosphere</i> , 2017, 168, 234-243.	8.2	26
12	Ab Initio Molecular Dynamics of Uranium Incorporated in Goethite ( $\text{FeOOH}$ ): Interpretation of X-ray Absorption Spectroscopy of Trace Polyvalent Metals. <i>Inorganic Chemistry</i> , 2016, 55, 11736-11746.	4.0	42
13	Uranium incorporation into aluminum-substituted ferrihydrite during iron-induced transformation. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2137-2144.	3.5	32
14	Competing retention pathways of uranium upon reaction with Fe(II). <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 166-185.	3.9	60
15	Uranium Incorporation into Amorphous Silica. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8636-8644.	10.0	35
16	Macroscopic and microscopic variation in recovered magnesium phosphate materials: Implications for phosphorus removal processes and product re-use. <i>Bioresource Technology</i> , 2010, 101, 877-885.	9.6	18
17	Effectiveness of Recovered Magnesium Phosphates as Fertilizers in Neutral and Slightly Alkaline Soils. <i>Agronomy Journal</i> , 2009, 101, 323-329.	1.8	118