

Christopher T Adcock

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1683934
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1588896
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9
docs citations

9
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Clay mineral formation under oxidized conditions and implications for paleoenvironments and organic preservation on Mars. <i>Nature Communications</i> , 2017, 8, 1230.	5.8	17
2	Synthesis and characterization of the Mars-relevant phosphate minerals Fe- and Mg-whitlockite and merrillite and a possible mechanism that maintains charge balance during whitlockite to merrillite transformation. <i>American Mineralogist</i> , 2014, 99, 1221-1232.	0.9	14
3	Discreditation of bobdownsite and the establishment of criteria for the identification of minerals with essential monofluorophosphate (PO ₃ F ²⁻). <i>American Mineralogist</i> , 2018, 103, 1319-1328.	0.9	13
4	Modeling background radiation using geochemical data: A case study in and around Cameron, Arizona. <i>Journal of Environmental Radioactivity</i> , 2016, 165, 68-85.	0.9	6
5	Craters of the Moon National Monument basalts as unshocked compositional and weathering analogs for martian rocks and meteorites. <i>American Mineralogist</i> , 2018, 103, 502-516.	0.9	6
6	The influence of thermal processing on the sorption of Cs and Sr by sitinakite. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 109995.	2.2	4
7	Effects of Organic Compounds on Dissolution of the Phosphate Minerals Chlorapatite, Whitlockite, Merrillite, and Fluorapatite: Implications for Interpreting Past Signatures of Organic Compounds in Rocks, Soils and Sediments. <i>Astrobiology</i> , 2018, 18, 1543-1558.	1.5	3
8	Modeling background radiation in Southern Nevada. <i>Journal of Environmental Radioactivity</i> , 2017, 171, 41-64.	0.9	2
9	Modeling gamma radiation exposure rates using geologic and remote sensing data to locate radiogenic anomalies. <i>Journal of Environmental Radioactivity</i> , 2019, 208-209, 106038.	0.9	2