

Arkadiusz Derkowski

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

418
citations

840776

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1125743

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all docs

13
docs citations

13
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	A hydrothermal origin for isotopically anomalous cap dolostone cements from south China. <i>Nature</i> , 2011, 474, 68-71.	27.8	128
2	The Charge of Component Layers of Illite-Smectite in Bentonites and the Nature of End-Member Illite. <i>Clays and Clay Minerals</i> , 2009, 57, 649-671.	1.3	59
3	Tightly bound water in smectites. <i>American Mineralogist</i> , 2017, 102, 1073-1090.	1.9	43
4	Dual liquid porosimetry: A porosity measurement technique for oil- and gas-bearing shales. <i>Fuel</i> , 2016, 183, 537-549.	6.4	32
5	Rehydration of dehydrated-dehydroxylated smectite in a low water vapor environment. <i>American Mineralogist</i> , 2012, 97, 110-127.	1.9	30
6	Nature of rehydroxylation in dioctahedral 2:1 layer clay minerals. <i>American Mineralogist</i> , 2012, 97, 610-629.	1.9	25
7	Exceptional preservation of hopanoid and steroid biomarkers in Ediacaran sedimentary rocks of the East European Craton. <i>Precambrian Research</i> , 2018, 316, 38-47.	2.7	24
8	Measuring the Layer Charge of Dioctahedral Smectite by O ¹⁸ D Vibrational Spectroscopy. <i>Clays and Clay Minerals</i> , 2015, 63, 443-456.	1.3	23
9	Long-distance fluid migration defines the diagenetic history of unique Ediacaran sediments in the East European Craton. <i>Basin Research</i> , 2021, 33, 570-593.	2.7	16
10	Rehydroxylation in smectites and other clay minerals observed in-situ with a modified thermogravimetric system. <i>Applied Clay Science</i> , 2017, 136, 219-229.	5.2	15
11	Structural and textural control of high-pressure hydrogen adsorption on expandable and non-expandable clay minerals in geologic conditions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 28794-28805.	7.1	15
12	Rehydroxylation of fired clays: Is the time to the quarter (TTQ) model correct?. <i>Journal of Archaeological Science</i> , 2021, 125, 105301.	2.4	6
13	Searching for the fundamentals of rehydroxylation dating of archaeological ceramics via NMR and IR microscopy. <i>Journal of the American Ceramic Society</i> , 2021, 104, 5328-5340.	3.8	2