

Elizabeth A Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

692
citations

840776

11
h-index

996975

15
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18
all docs

18
docs citations

18
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	The concentration and speciation of hydrogen in feldspars using FTIR and ¹ H MAS NMR spectroscopy. American Mineralogist, 2003, 88, 901-911.	1.9	127
2	A survey of hydrous species and concentrations in igneous feldspars. American Mineralogist, 2004, 89, 586-600.	1.9	95
3	Water in the interlayer region of birnessite: Importance in cation exchange and structural stability. American Mineralogist, 2006, 91, 609-618.	1.9	88
4	Water in Nominally Anhydrous Crustal Minerals: Speciation, Concentration, and Geologic Significance. Reviews in Mineralogy and Geochemistry, 2006, 62, 117-154.	4.8	85
5	Volcanoes of the passive margin: The youngest magmatic event in eastern North America. Geology, 2014, 42, 483-486.	4.4	62
6	Sampling the volatile-rich transition zone beneath Bermuda. Nature, 2019, 569, 398-403.	27.8	60
7	Hydrous species in feldspars: A reassessment based on FTIR and SIMS. American Mineralogist, 2015, 100, 1209-1221.	1.9	42
8	The diffusion behavior of hydrogen in plagioclase feldspar at 800-1000 ÅC: Implications for re-equilibration of hydroxyl in volcanic phenocrysts. American Mineralogist, 2013, 98, 1779-1787.	1.9	41
9	Post-rift magmatic evolution of the eastern North American passive-aggressive margin. Geochemistry, Geophysics, Geosystems, 2017, 18, 3-22.	2.5	25
10	Correlation between OH concentration and oxygen isotope diffusion rate in diopsides from the Adirondack Mountains, New York. American Mineralogist, 2002, 87, 899-908.	1.9	22
11	An experimental study of OH solubility in rutile at 500-900 ÅC, 0.5-2 GPa, and a range of oxygen fugacities. American Mineralogist, 2011, 96, 1291-1299.	1.9	19
12	Evaluating Models for Lithospheric Loss and Intraplate Volcanism Beneath the Central Appalachian Mountains. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022571.	3.4	9
13	An infrared and ¹ H MAS NMR investigation of strong hydrogen bonding in ussingite, Na ₂ AlSi ₃ O ₈ (OH). Physics and Chemistry of Minerals, 2004, 31, 115-121.	0.8	7
14	EMPLACEMENT CONDITIONS OF A PORPHYRITIC FELSITE DYKE AND TIMING OF MOTION ALONG THE COOLIN FAULT AT BEN LEVY, CO. GALWAY. Irish Journal of Earth Sciences, 2011, 29, 1-13.	0.3	6
15	Active features along a passive margin: The intriguing interplay between Silurian-Devonian stratigraphy, Alleghanian deformation, and Eocene magmatism of Highland and Bath Counties, Virginia. , 2014, , 1-40.		2
16	DEVELOPING A PROTOCOL FOR FILMING, EDITING, AND CAPTIONING VIDEOS IN THE LABORATORY. , 2018, , .		1
17	Interdisciplinary Development of Geoscience OER: Formative Evaluation and Project Management for Instructional Design. Educational Communications and Technology: Issues and Innovations, 2021, , 209-223.	0.2	1