

# An FTIR study of hydrogen in anorthoclase and associat

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Water in Nominally Anhydrous Crustal Minerals: Speciation, Concentration, and Geologic Significance. <i>Reviews in Mineralogy and Geochemistry</i> , 2006, 62, 117-154.	2.2	85
2	The Partitioning of Water Between Nominally Anhydrous Minerals and Silicate Melts. <i>Reviews in Mineralogy and Geochemistry</i> , 2006, 62, 231-241.	2.2	32
3	Technical Report: The Diversity of Infrared Programs at the NSLS. <i>Synchrotron Radiation News</i> , 2007, 20, 25-34.	0.2	2
4	Melt Inclusions in Basaltic and Related Volcanic Rocks. <i>Reviews in Mineralogy and Geochemistry</i> , 2008, 69, 273-331.	2.2	174
5	Geochemistry and mineralogy of the phonolite lava lake, Erebus volcano, Antarctica: 1972–2004 and comparison with older lavas. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 589-605.	0.8	87
6	Fourier Transform Infrared (FTIR) Spectroscopy of Biological Tissues. <i>Applied Spectroscopy Reviews</i> , 2008, 43, 134-179.	3.4	1,241
7	Character and Spatial Distribution of OH/H <sub>2</sub> O on the Surface of the Moon Seen by Mars Orbiter on Chandrayaan-1. <i>Science</i> , 2009, 326, 568-572.	6.0	622
8	The lunar rock and mineral characterization consortium: Deconstruction and integrated mineralogical, petrologic, and spectroscopic analyses of mare basalts. <i>Meteoritics and Planetary Science</i> , 2011, 46, 228-251.	0.7	62
9	Milling Effects on Hybrid Collagen / Inorganic Phase Composites. <i>Materials Science Forum</i> , 2011, 672, 129-132.	0.3	0
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11	An experimental study of H solubility in feldspars: Effect of composition, oxygen fugacity, temperature and pressure and implications for crustal processes. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 97, 46-57.	1.6	28
12	Solution–precipitation of K-feldspar in deformed granitoids and its relationship to the distribution of water. <i>Tectonophysics</i> , 2012, 532-535, 175-185.	0.9	24
13	Hydrogen concentration in plagioclase as a hygrometer of arc basaltic melts: Approaches from melt inclusion analyses and hydrous melting experiments. <i>Earth and Planetary Science Letters</i> , 2013, 365, 253-262.	1.8	34
14	Volatiles in pantellerite magmas: A case study of the Green Tuff Plinian eruption (Island of Pantelleria, Italy). <i>Journal of Petrology</i> , 2013, 54, 235-271.	0.8	32
15	The diffusion behavior of hydrogen in plagioclase feldspar at 800-1000 °C: Implications for re-equilibration of hydroxyl in volcanic phenocrysts. <i>American Mineralogist</i> , 2013, 98, 1779-1787.	0.9	41
16	On the Time Scales of Magma Genesis, Melt Evolution, Crystal Growth Rates and Magma Degassing in the Erebus Volcano Magmatic System Using the <sup>238</sup> U, <sup>235</sup> U and <sup>232</sup> Th Decay Series. <i>Journal of Petrology</i> , 2013, 54, 235-271.	1.1	39
17	SR-FTIR Microscopy and FTIR Imaging in the Earth Sciences. <i>Reviews in Mineralogy and Geochemistry</i> , 2014, 78, 447-479.	2.2	34
18	Hydrous species in feldspars: A reassessment based on FTIR and SIMS. <i>American Mineralogist</i> , 2015, 100, 1209-1221.	0.9	42

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19	Understanding a volcano through a droplet: A melt inclusion approach. <i>Journal of Geochemical Exploration</i> , 2016, 171, 4-19.	1.5	34
20	A coupled model for intragranular deformation and chemical diffusion. <i>Earth and Planetary Science Letters</i> , 2017, 474, 387-396.	1.8	12
21	Advances in Fourier transform infrared (FTIR) spectroscopy of biological tissues. <i>Applied Spectroscopy Reviews</i> , 2017, 52, 456-506.	3.4	319
22	Temperature dependences of hydrous species in feldspars. <i>Physics and Chemistry of Minerals</i> , 2018, 45, 609-620.	0.3	10
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24	Spectroscopic analysis of rhizomes of black turmeric ( <i>Curcuma caesia</i> ). <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
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26	Hydrogen Isotope Composition of a Large Silicic Magma Reservoir Preserved in Quartz-Hosted Glass Inclusions of the Bishop Tuff Plinian Eruption. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009358.	1.0	4
27	Greener Synthesis of Zinc Oxide Nanoparticles: Characterization and Multifaceted Applications. <i>Molecules</i> , 2020, 25, 4198.	1.7	64
28	Hydrogen defects in feldspars: defect properties and implications for water solubility in feldspar. <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.3	8
29	Chapter 7.2 of Mount Erebus. <i>Geological Society Memoir</i> , 2021, 55, 695-739.	0.9	15
30	Biofabrication of ZnO nanoparticles using <i>Acacia arabica</i> leaf extract and their antibiofilm and antioxidant potential against foodborne pathogens. <i>PLoS ONE</i> , 2022, 17, e0259190.	1.1	26
31	Effectiveness and mechanism of uranium adsorption on size-graded red mud. <i>Environmental Research</i> , 2022, 212, 113491.	3.7	6
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33	Characterising a historical bridge's bricks in Popayán (Colombia). <i>Ingenieria E Investigacion</i> , 2008, 28, 15-21.	0.2	1
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