

# Kevin Klimm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12061178/publications.pdf>

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9  
papers

697  
citations

1040056

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1474206

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docs citations

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836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace Element Partitioning and Accessory Phase Saturation during H <sub>2</sub> O-Saturated Melting of Basalt with Implications for Subduction Zone Chemical Fluxes. <i>Journal of Petrology</i> , 2008, 49, 523-553.	2.8	260
2	The origin of S <sub>4+</sub> detected in silicate glasses by XANES. <i>American Mineralogist</i> , 2008, 93, 235-240.	1.9	107
3	Oxidising agents in sub-arc mantle melts link slab devolatilisation and arc magmas. <i>Nature Communications</i> , 2018, 9, 3500.	12.8	91
4	The dissolution mechanism of sulphur in hydrous silicate melts. II: Solubility and speciation of sulphur in hydrous silicate melts as a function of fO <sub>2</sub> . <i>Chemical Geology</i> , 2012, 322-323, 250-267.	3.3	65
5	The dissolution mechanism of sulphur in hydrous silicate melts. I: Assessment of analytical techniques in determining the sulphur speciation in iron-free to iron-poor glasses. <i>Chemical Geology</i> , 2012, 322-323, 237-249.	3.3	56
6	Fractionation vs. magma mixing in the Wangrah Suite A-type granites, Lachlan Fold Belt, Australia: Experimental constraints. <i>Lithos</i> , 2008, 102, 415-434.	1.4	46
7	The determination of sulfate and sulfide species in hydrous silicate glasses using Raman spectroscopy. <i>American Mineralogist</i> , 2010, 95, 1574-1579.	1.9	44
8	Experimental constraints on coesite abundances in eclogite and implications for the X seismic discontinuity. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 4917-4930.	3.4	17
9	Experimental constraints in the CMAS system on the Ca-Eskola content of eclogitic clinopyroxene. <i>European Journal of Mineralogy</i> , 2013, 25, 579-596.	1.3	11