

# Martin Erdmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/839282/publications.pdf>

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9  
papers

243  
citations

1040056

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1474206

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g-index

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9  
docs citations

9  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature, low-H <sub>2</sub> O Silicic Magmas of the Yellowstone Hotspot: an Experimental Study of Rhyolite from the Bruneau-Jarvis Eruptive Center, Central Snake River Plain, USA. <i>Journal of Petrology</i> , 2012, 53, 1837-1866.	2.8	60
2	Melts of sediments in the mantle wedge of the Oman ophiolite. <i>Geology</i> , 2015, 43, 275-278.	4.4	45
3	Constraints on the magmatic evolution of the oceanic crust from plagiogranite intrusions in the Oman ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	37
4	Anatexis at the roof of an oceanic magma chamber at IODP Site 1256 (equatorial Pacific): an experimental study. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	3.1	29
5	Trace element evidence for anatexis at oceanic magma chamber roofs and the role of partial melts for contamination of fresh MORB. <i>Lithos</i> , 2016, 260, 1-8.	1.4	18
6	Experimental temperature cycling as a powerful tool to enlarge melt pools and crystals at magma storage conditions. <i>American Mineralogist</i> , 2016, 101, 960-969.	1.9	17
7	Silica-rich lavas in the oceanic crust: experimental evidence for fractional crystallization under low water activity. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	17
8	Alteration of a Submarine Basaltic Glass under Environmental Conditions Conducive for Microorganisms: Growth Patterns of the Microbial Community and Mechanism of Palagonite Formation. <i>Geomicrobiology Journal</i> , 2014, 31, 813-834.	2.0	10
9	Trace elements in anatexitic products at the roof of mid-ocean ridge magma chambers: An experimental study. <i>Chemical Geology</i> , 2017, 456, 43-57.	3.3	10