

Maren Kahl

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Conditions and Dynamics of Magma Storage in the Snæfellsnes Volcanic Zone, Western Iceland: Insights from the Bárfellshraun and Berserkjahraun Eruptions. <i>Journal of Petrology</i> , 2021, 62, . | 2.8 | 5 |
| 2 | Timescales of crystal mush mobilization in the Bárðarbunga-Veiðivátn volcanic system based on olivine diffusion chronometry. <i>American Mineralogist</i> , 2021, 106, 1083-1096. | 1.9 | 11 |
| 3 | A practical method to determine the five-parameter orientation of intragranular boundaries in polycrystals. <i>Tectonophysics</i> , 2021, 814, 228955. | 2.2 | 2 |
| 4 | Temporal evolution of magma and crystal mush storage conditions in the Bárðarbunga-Veiðivátn volcanic system, Iceland. <i>Lithos</i> , 2020, 352-353, 105234. | 1.4 | 11 |
| 5 | The Lead-up to Mount Etna's Most Destructive Historic Eruption (1669). Cryptic Recharge Recorded in Clinopyroxene. <i>Journal of Petrology</i> , 2020, 61, . | 2.8 | 11 |
| 6 | Clinopyroxene's Liquid Equilibria and Geothermobarometry in Natural and Experimental Tholeiites: the 2014-2015 Holuhraun Eruption, Iceland. <i>Journal of Petrology</i> , 2019, 60, 1653-1680. | 2.8 | 61 |
| 7 | Crustal magma storage and fractionation of Eyjafjallajökull ankaramites, South Iceland. <i>Jökull</i> , 2019, 69, 83-102. | 0.1 | 5 |
| 8 | A Branched Magma Feeder System during the 1669 Eruption of Mt Etna: Evidence from a Time-integrated Study of Zoned Olivine Phenocryst Populations. <i>Journal of Petrology</i> , 2017, 58, 443-472. | 2.8 | 35 |
| 9 | Corrigendum to: "Constraints on the Nature and Evolution of the Magma Plumbing System of Mt. Etna Volcano (1991-2008) from a Combined Thermodynamic and Kinetic Modelling of the Compositional Record of Minerals". <i>Journal of Petrology</i> , 2016, 57, 621-622. | 2.8 | 5 |
| 10 | Constraints on the Nature and Evolution of the Magma Plumbing System of Mt. Etna Volcano (1991-2008) from a Combined Thermodynamic and Kinetic Modelling of the Compositional Record of Minerals. <i>Journal of Petrology</i> , 2015, 56, 2025-2068. | 2.8 | 97 |
| 11 | Compositionally zoned crystals and real-time degassing data reveal changes in magma transfer dynamics during the 2006 summit eruptive episodes of Mt. Etna. <i>Bulletin of Volcanology</i> , 2013, 75, 1. | 3.0 | 103 |
| 12 | Dynamic plumbing system beneath volcanoes revealed by kinetic modeling, and the connection to monitoring data: An example from Mt. Etna. <i>Earth and Planetary Science Letters</i> , 2011, 308, 11-22. | 4.4 | 165 |
| 13 | Warm and slightly reduced mantle under the off-rift Snæfellsnes Volcanic Zone, Iceland. <i>Journal of Petrology</i> , 0, , . | 2.8 | 2 |