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FULL LIST OF PUBLICATIONS

- [32] **Farquharson, J. I.** and F. Amelung [in review]. Volcanic hazard exacerbated by future global warming—driven increase in heavy rainfall. [preprint DOI: <https://doi.org/10.31223/X5Z906>]
- [31] **Farquharson, J. I.**, H. Tuffen, F. B. Wadsworth, J. M. Castro, and C. I. Schipper [in review]. In-conduit capture of sub-micron volcanic ash particles via turbophoresis and sintering. [preprint DOI: <https://doi.org/10.21203/rs.3.rs-1152244/v1>]
- [30] Tuffen, H., **J. I. Farquharson**, F. B. Wadsworth, C. Webb, J. Owen, J. Castro, K. Berlo, C. I. Schipper, and K. Wehbe. Mid-loaf crisis: Internal breadcrust surfaces in rhyolitic bombs reveal the role of permeable fracture pathways in degassing damaged magma. *Geology* [In Press]. [preprint available via email]
- [29] Aubry, T., **J. I. Farquharson**, C. Rowell, S. Watt, V. Pinel, F. Beckett, J. Fasullo, P. Hopcroft, D. Pyle, A. Schmidt, and J. Staunton Sykes [accepted]. Impact of climate change on volcanic processes: current understanding and future challenges. *Bulletin of Volcanology*. DOI: <https://doi.org/10.1007/s00445-022-01562-8>.
- [28] Wadsworth, F. B., E. W. Llewellyn, **J. I. Farquharson**, J. Gillies, A. Loisel, L. Frey, E. Ilyinskaya, T. Thordarson, S. Tramontano, E. Lev, M. Pankhurst, A. Galdeano Rull, M. Asensio-Ramos, Nemesio M. Pérez, P. Hernandez Perez, D. Calvo Fernández, M. Carmen Solana, U. Kueppers, A. Polo Santabárbara [in review]. Crowd-sourced observations of volcanic eruptions: The 2021 Fagradalsfjall and Cumbre Vieja events. *Nature Communications*. DOI: <https://doi.org/10.1038/s41467-022-30333-4>.
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- [25] **Farquharson, J. I.**, A. R. L. Kushnir, B. Wild, and P. Baud, 2020. Physical property evolution of granite during experimental chemical stimulation. *Geothermal Energy*. DOI: <https://doi.org/10.1186/s40517-020-00168-7>.
- [24] **Farquharson, J. I.** and F. Amelung, 2020. Extreme rainfall triggered the 2018 rift eruption at Kīlauea Volcano. *Nature*. DOI: <https://doi.org/10.1038/s41586-020-2172-5>.
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