

# JAMIE FARQUHARSON

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## FULL LIST OF PUBLICATIONS

- [33] Wadsworth, F.B., E. W. Llewellyn, J. M. Castro, H. Tuffen, C. I. Schipper, J. E. Gardner, J. Vasseur, A. Foster, D. E. Damby, I. M. McIntosh, S. Boettcher, H. E. Unwin, M. J. Heap, **J. I. Farquharson**, D. B. Dingwell, K. Iacovino, R. Paisley, C. Jones, and J. Whattam, 2022. A reappraisal of explosive–effusive silicic eruption dynamics: syn-eruptive assembly of lava from the products of cryptic fragmentation. *Journal of Volcanology and Geothermal Research*, DOI: <https://doi.org/10.1016/j.jvolgeores.2022.107672>.
- [32] **Farquharson, J. I.**, H. Tuffen, F. B. Wadsworth, J. M. Castro, H. Unwin, and C. I. Schipper, 2022. In-conduit capture of sub-micron volcanic ash particles via turbophoresis and sintering. *Nature Communications*. DOI: <https://doi.org/10.1038/s41467-022-32522-7>
- [31] **Farquharson, J. I.** and F. Amelung, 2022. Volcanic hazard exacerbated by future global warming–driven increase in heavy rainfall. *Royal Society Open Science*. DOI: <https://dx.doi.org/10.1098/rsos.220275>.
- [30] Tuffen, H., **J. I. Farquharson**, F. B. Wadsworth, C. Webb, J. Owen, J. Castro, K. Berlo, C. I. Schipper, and K. Wehbe, 2022. Mid-loaf crisis: Internal breadcrust surfaces in rhyolitic pyroclasts reveal dehydration quenching. *Geology*. DOI: <https://doi.org/10.1130/G49959.1>.
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- [27] Chevrel, O., Wadsworth, F., **Farquharson, J.**, Kushnir, A., Heap, M., Williams, R., Delmelle, P. and Kennedy, B., 2021. Publishing a Special Issue of Reports from the volcano observatories in Latin America: Editorial to Special Issue on Volcano Observatories in Latin America. *Volcanica*. DOI: <https://doi.org/10.30909/vol.04.S1.ivi>.
- [26] Wadsworth, F. B., Vossen, C. E. J., Heap, M. J., Kushnir, A. R. L., **Farquharson, J. I.**, Schmid, D., Dingwell, D. B., Belohlavek, L., Huebsch, M., Carbillet, L., and Kendrick, J. E., 2021. The force required to operate the plunger on a French press. *American Journal of Physics*. DOI: <https://doi.org/10.1119/10.0004224>.
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- [22] Mordensky, S. P., M. J. Heap, B. M. Kennedy, H. A. Gilg, M. C. Villeneuve, **J. I. Farquharson**, and D. M. Gravley, 2019. Influence of alteration on the mechanical behaviour and failure mode of andesite: implications for

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