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On the cover



Hybrid explosive-effusive activity at Cerdón-Caulle volcano

Eruption and emplacement conditions can have a profound effect on how magma geochemically interacts with its environment. In this issue, Ian Schipper and colleagues unravel halogen release during different phases of the 2011 Cerdón Caulle eruption.

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◆ Articles ◆

Iacovino, K. and Till, C. B. "DensityX: A program for calculating the densities of magmatic liquids up to 1,627 °C and 30 kbar", doi: [10.30909/vol.02.01.0110](https://doi.org/10.30909/vol.02.01.0110).....1

Lerner, G. A., Cronin, S. J. and Turner, G. M. "Evaluating emplacement temperature of a 1000-year sequence of mass flows using paleomagnetism of their deposits at Mt. Taranaki, New Zealand", doi: [10.30909/vol.02.01.1124](https://doi.org/10.30909/vol.02.01.1124).....11

Caravantes González, G., Rymer, H., Zurek, J., Ebmeier, S., Blake, S. and Williams-Jones, G. "Structures controlling volcanic activity within Masaya caldera, Nicaragua", doi: [10.30909/vol.02.01.2544](https://doi.org/10.30909/vol.02.01.2544).....25

Mangler, M. F., Prytulak, J., Gisbert, G., Delgado-Granados, H. and Petrone, C. M. "Interplinian effusive activity at Popocatepetl volcano, Mexico: New insights into evolution and dynamics of the plumbing system", doi: [10.30909/vol.02.01.4572](https://doi.org/10.30909/vol.02.01.4572)....45

Schipper, C. I., Castro, J. M., Kennedy, B. M., Christenson, B. W., Aiuppa, A., Alloway, B., Forte, P., Seropian, G. and Tuffen, H. "Halogen (Cl, F) release during explosive, effusive, and intrusive phases of the 2011 rhyolitic eruption at Cerdón Caulle volcano (Chile)", doi: [10.30909/vol.02.01.7390](https://doi.org/10.30909/vol.02.01.7390) 161

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