

F_Vetere publication list

PhD thesis

- **Vetere F.** (2006). Viscous flow of magmas from Unzen volcano, Japan – implication for magma mixing and ascent. University of Hanover (Germany)

Book

- **Dynamic Magma Evolution**
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Publications

1. Di Matteo V., Carroll M.R., Behrens H., **Vetere F.**, Brooker R.A. (2004) Water solubility in trachytic melts. *Chemical Geology* 213, 187-196.
2. Holtz F., Lenné S., Ventura G., **Vetere F.**, Wolf P. (2004) Non-linear deformation and break up of enclaves in a rhyolitic magma: A case study from Lipari Island (southern Italy), *Geophys. Res. Lett.*, 31, L24611, doi:10.1029/2004GL021590.
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4. **Vetere F.**, Behrens H., Misiti V., Ventura G., De Rosa R., Holtz F., Deubener J. (2007) Viscosity of shoshonitic melt (Vulcanello Aeolian Islands, Italy) and inference on the dynamics of magma ascent. *Chemical Geology* 245, 89-102.
5. **Vetere F.**, Behrens H., Schuessler J. A., Holtz F., Misiti V., Borchers L. (2008) Viscosity of andesite melts and its implication for magma mixing prior to Unzen 1991 – 1995 eruption. *Journal of Volcanology and Geothermal Research*, 175, 208-217. doi: 10.1016/j.jvolgeores.2008.03.028
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10. Davì M., De Rosa R., Donato P., **Vetere F.**, Barca D., Cavallo A. (2009) Magmatic evolution and plumbing system of ring-fault volcanism: the Vulcanello Peninsula (Aeolian Islands, Italy). *European Journal of Mineralogy. Eur. J. Mineral.* 21, 1009-1028
11. **Vetere F.**, Behrens H., Holtz F., Vilardo G., Ventura G. (2010) Viscosity of crystal-bearing hydrous andesites and its implication for magma ascent. *Journal of Mineralogical and Petrological Sciences* vol. 105 no.4, 151-163. doi: 10.2465/jmps.090402
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