

Publication list

- 32 Refereed publications
- 2 Master (1) and secondary school (1) theses
- 48 Conference presentations / posters
- 5 Books / edited books
- 3 Popular publications and presentations
- 8 Data books and reports

Refereed publications

Amitrano, D., S. Gruber, L. Girard, Evidence of frost-cracking inferred from acoustic emissions in a high-alpine rock-wall, *Earth and Planetary Science Letters*, **341**, 86–93, doi: 10.1016/j.epsl.2012.06.014, 2012. <http://dx.doi.org/10.1016/j.epsl.2012.06.014>

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Girard, L., J. Beutel, S. Gruber, J. Hunziker, R. Lim, S. Weber, A custom acoustic emission monitoring system for harsh environments: application to freezing-induced damage in alpine rock walls, *Geosci. Instrum. Method. Data Syst.*, **1**, 155–167, doi: 10.5194/gi-1-155-2012, 2012. <http://dx.doi.org/10.5194/gi-1-155-2012>

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Theses

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Amitrano, D., S. Gruber, L. Girard, Cryo-induced cracking in high-alpine rock-wall, evidences from acoustic emissions monitoring, European Geophysical Union, General Assembly, Vienna, Austria, 2012.

Argandoña, E.G., H. Bengoetxea, S. Bulnes, R. Ledezma, N. Ortuzar, I. Rico-Barrio, J.V. Lafuente, Environmental enrichment reverts the cognitive effects of altitude hypoxia inducing changes at the neuroglivascular unit, 74th Annual Meeting of the Swiss Society for Anatomy, Histology, and Embryology 2012, F1000 Posters 2012, 3: 1302, Zurich, Switzerland, September 7, 2012.
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Argandoña, E.G., H. Bengoetxea, S. Bulnes, R. Ledezma, N. Ortuzar, I. Rico-Barrio, J.V. Lafuente, Physical exercise mediates neuroprotective responses to the effects of altitude hypoxia at the neuroglivascular unit, 8th FENS Forum of Neuroscience 2012, F1000 Posters 2012, 3: 1043, Barcelona, Spain, July 14-18, 2012.
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Bader, W., A. Perrin, D. Jacquemart, J.J. Harrison, G.C. Toon, K. Sudo, O.A. Søvde, P. Demoulin, C. Servais, and E. Mahieu, Retrievals of ethane from ground-based high-resolution FTIR solar observations with updated line parameters: determination of the optimum strategy for the Jungfrauoch station, poster presentation at the "11th Atmospheric Spectroscopy Applications" meeting (ASA 2012), united with the "12th HITRAN Conference", Reims, France, August 29-31, 2012.
<http://hdl.handle.net/2268/129289>

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<http://hdl.handle.net/2268/117067>

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