

Publications de l'équipe de paléomagnétisme

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- Alva-Valdivia, L.M., J. Rosas-Elguera, T. Bravo-Medina, C. Caballero, J. Rivas, J. Urrutia-Fucugauchi, A. Goguitchaichvili, and B. Henry, Paleomagnetic and AMS studies of the San Gaspar ignimbrite (Trans-Mexican Volcanic belt): implications for tectonics and emplacement conditions, *J. Volc. Geotherm. Res.*, 147, 68-80, 2005.
- Arrighi, S., J.-C. Tanguy, V. Courtillot, and M. Le Goff, Reply to Comment on "Recent eruptive history of Stromboli determined from high-accuracy archeomagnetic dating", *Geophysical Research Letters*, 32 (L23305), doi: 10.1029/2005GL023768, 2005.
- Bouquerel, H., and J.-P. Valet, Le Protée est-il équipé pour le magnétotactisme?, *C.R. Géoscience*, 337, 806-813, 2005.
- Carporzen, L., S.A. Gilder, and R.J. Hart, Palaeomagnetism of the Vredefort meteorite crater and implications for craters on Mars, *Nature (Lond)*, 435, 198-201, 2005.
- Charreau, J., Y. Chen, S. Gilder, S. Dominguez, J.-P. Avouac, S. Sen, D.J. Sun, Y.A. Li, and W.M. Wang, Magnetostratigraphy and rock magnetism of the Neogene Kuitun He section (northwest China) : Implications for Late Cenozoic uplift of the Tianshan mountains, *Earth planet. sci. lett.*, 230, 177-192, 2005.
- Chenet, A.-L., F. Fluteau, and V. Courtillot, Modelling massive sulphate aerosol pollution, following the large 1783 Laki basaltic eruption, *Earth and Planetary Science Letters*, 236 (3-4), 721-731, 2005.
- Cogné, J.-P., V.A. Kravchinsky, N. Halim, and F. Hankard, Late Jurassic-Early Cretaceous closure of the Mongol-Okhotsk Ocean demonstrated by new Mesozoic paleomagnetic results from the Trans-Baikal area (SE Siberia), *Geophysical Journal International*, 163, 813-832, 2005.
- Condomines, M., P.J. Gauthier, J.-C. Tanguy, R. Gertisser, J.-C. Thuret, P. Berthommier, and G. Camus, 226Ra and 226Ra/Ba dating of Holocene volcanic rocks : Application to Mt. Etna and Merapi volcanoes, *Earth planet. sci. lett.*, 230, 289-300, 2005.
- Gallet, Y., A. Genevey, and F. Fluteau, Does Earth's magnetic field secular variation control centennial climate change?, *Earth planet. sci. lett.*, 236, 339-347, 2005.
- Gilder, S., and M. Le Goff, Pressure dependence on the magnetic properties of titanomagnetite using the reversible susceptibility method, in *Advances in High-Pressure Technology for Geophysical Applications*, edited by J.H. Chen, Y.B. Wang, T.S. Duffy, G.Y. Shen, and L. Dobrzhinetskaya, pp. 315-335, Elsevier, 2005.
- Hankard, F., J.-P. Cogné, and V. Kravchinsky, A new Late Cretaceous paleomagnetic pole for the west of Amuria block (Khurmen Uul, Mongolia), *Earth planet. sci. lett.*, 236, 359-373, 2005.
- Henry, B., D. Jordanova, N. Jordanova, and M. Le Goff, Transformations of magnetic mineralogy in rocks revealed by difference of hysteresis loops measured after stepwise heating: theory and case studies, *Geophys. j. int.*, 162, 64-78, 2005.
- Herrero-Bervera, E., and J.-P. Valet, Absolute paleointensity and reversal records from the Waianae sequence (Oahu, Hawaii, USA), *Earth planet. sci. lett.*, 234, 279-296, 2005.
- Lanos, P., M. Le Goff, M. Kovacheva, and E. Schnepps, Hierarchical modelling of archaeomagnetic data and curve estimation by moving average technique, *Geophys. j. int.*, 160, 440-476, 2005.

- Merabet, N., B. Henry, A. Kherroubi, and S. Maouche, Autunian age constrained by fold tests for paleomagnetic pole from Mezarif and Abadla basins (Algeria), *J. Africain Earth Sci.*, 43, 556-566, 2005.
- Moreau, M.-G., M. Ader, and R.J. Enkin, The magnetization of clayrich rocks in sedimentary basins: Low-temperature experimental neo-formation of magnetic carriers in natural samples, *Earth and Planetary Science Letters*, 230, 193-210, 2005.
- Pavlov, V., and Y. Gallet, A third superchron during the Early Paleozoic, *Episodes*, 28, 78-84, 2005.
- Péron, S., S. Bourquin, F. Fluteau, and F. Guillocheau, Impact of the sediment supply on the preservation of fluvial systems: paleoenvironment reconstructions and climate simulations of the Lower Triassic, *Geodynamica Acta*, 18, 431-446, 2005.
- Petronille, M., A. Goguitchaichvili, B. Henry, L.M. Alva-Valdivia, J. Rosas-Elguera, J. Urrutia-Fucugauchi, M.R. Ceja, and M. Calvo-Rathert, Paleomagnetism of Ar-Ar dated lava flows from the Ceboruco-San Pedro volcanic field (western Mexico): Evidence for the Matuyama-Brunhes transition precursor and a fully reversed geomagnetic event in the Brunhes chron, *Journal of Geophysical Research-Solid Earth*, 110 (B8), 2005.
- Plenier, G., P. Camps, B. Henry, and B. Ildefonse, Determination of flow directions by combining AMS and thin-section analyses: implications for Oligocene volcanism in the Kerguelen Archipelago (southern Indian Ocean), *Geophysical Journal International*, 160 (1), 63-78, 2005.
- Pucéat, E., Y. Donnadieu, G. Ramstein, F. Fluteau, and F. Guillocheau, Numerical evidence for thermohaline circulation reversals during the Maastrichtian, *Geochem. Geophys. Geosyst.*, 6 (Q11012), doi: 10.1029/2005GC000998, 2005.
- Ramstein, G., M. Khodri, Y. Donnadieu, F. F., and Y. Goddériss, Impact of the hydrological cycle on past climate changes: three illustrations at different time scales, *C. R. Geoscience*, 337, 125-137, 2005.
- Rousse, S., S. Gilder, M. Fornari, and T. Sempere, Insight into the Neogene tectonic history of the northern Bolivian Orocline from new paleomagnetic and geochronologic data, *Tectonics*, 24, doi:10.1029/2004TC001760, 2005.
- Valet, J.-P., L. Meynadier, and Y. Guyodo, Geomagnetic field strength and reversal rate over the past 2 million years, *Nature (London)*, 435, 802-805, 2005.