

Liste de publications (24/11/2008)

Articles

Publiés dans des revues internationales à comité de lecture

- V. Daux, C. Lécuyer, M.-A. Héran, R. Amiot, L. Simon, F. Fourel, F. Adam, F. Martineau, N. Lynnerup, H. Reyhler, G. Escarguel (2008) Oxygen isotope fractionation between human phosphate and water revisited, *J. Human Evol.* **55**, 1138–1147, doi :10.1016/j.jhevol.2008.06.006.
- L. Simon, Y. Goddérés, W. Buggisch, H. Strauss, M.M. Joachimski (2007) Modelling the carbon and sulphur isotope compositions of marine sediments : climate evolution during the late Paleozoic, *Chem. Geol.* **246**, 19–38, doi :10.1016/j.chemgeo.2007.08.014.
- V. Balter, L. Simon (2006) Diet and behavior of the Saint-Césaire Neandertal inferred from inversion of Sr, Ba and Ca data, *J. Human Evol.*, **51**, 329–338, doi :10.1016/j.jhevol.2006.04.008
- V. Balter, L. Simon, H. Fouillet, C. Lécuyer (2006) Box-modeling of $^{15}\text{N}/^{14}\text{N}$ in mammals. *Oecologia*, **147**, 212–222, doi :10.1007/s00442-005-0263-5.
- L. Simon, C. Lécuyer, C. Maréchal, N. Coltice (2006) Modeling the geochemical cycle of boron : implications for the long-term $\delta^{11}\text{B}$ evolution of seawater, *Chem. Geol* **225**, 61–76, doi :10.1016/j.chemgeo.2005.08.011.
- L. Simon, C. Lécuyer (2005) Continental recycling : the oxygen isotope point of view. *Geochemistry, Geophysics, Geosystems* **6**, Q08004, doi :10.1029/2005GC000958.
- M.M. Joachimski, L. Simon, R. van Geldern, C. Lécuyer (2005) Boron isotope geochemistry of Paleozoic brachiopod calcite : Implications for a secular change in the boron isotope geochemistry of seawater over the Phanerozoic. *Geochim. Cosmochim. Acta.* **69**, 4035–4044, doi :10.1016/j.gca.2004.11.017.
- N. Coltice, L. Simon, C. Lécuyer (2004) Carbon isotope cycle and mantle structure. *Geophys. Res. Lett.* **31**, L05603, doi :10.1029/2003GL018873.
- C. Langlois, L. Simon, C. Lécuyer (2003) Box-model of bone and tooth phosphate oxygen isotope compositions as a function of environmental and physiological parameters. *Isotopes in Health and Environmental Studies* **39**, 259–272.
- C. Lécuyer, L. Simon, F. Guyot (2000) Comparison of carbon, water and nitrogen budgets between Venus and the Earth. *Earth. Planet. Sci. Lett.* **181**, 33–40.

Communications

Communications dans des congrès internationaux (* orateur)

- T. Rigaudier T*, V. Gardien V, C. Lécuyer, L. Simon, Martineau F. (2008) Mantle flux at lower crust/upper mantle interface : A carbon and hydrogen isotopes study of granulites. 18th Goldschmidt, *Geochim. Cosmochim. Acta* **72**, A797 (abstr.).
- J. Ferrandini*, M. Ferrandini, L. Simon, F. Martineau, C. Lécuyer, Y. Burelli, J.-T. Chiari (2006) Chemical and stable isotope characterization of mountain aquifers from central Corsica. V° International Symposium Environment, Identities in Mediterranean area (ISEIM 2006), Corte, France, July 9–12.
- M.M. Joachimski*, L. Simon, R. van Geldern, C. Lécuyer (2004) Boron isotope geochemistry of Paleozoic brachiopod calcite : implications for a secular change in the boron isotope geochemistry of seawater over the Phanerozoic. *Geol. Soc. Am., Abstracts with Programs* **36** (5), 478.

- M.M. Joachimski*, L. Simon, C. Lécuyer (2004) The boron isotopic composition of Paleozoic oceans. 32nd Int. Geol. Congr., Abs. Vol., 231-4, 193.
- L. Simon*, C. Lécuyer (2002) Continental recycling : the oxygen isotope point of view. 12th Goldschmidt, Geochim. Cosmochim. Acta **66**, A717 (abstr.).
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- L. Simon*, C. Lécuyer, F. Guyot (1999) Comparison of carbon, nitrogen and water budget between Venus and the Earth. AGU San Francisco, December 15-19, Eos (Abstract) Transactions, **81** (48), 770.

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- L. Simon*, Y. Goddérés, W. Buggisch, H. Strauss, C. Korte, M.M. Joachimski (2004) Modelling the SPP 1054 isotopic proxies : climate evolution during Devonian and Permian. SPP 1054 meeting, 11-12/10, Erlangen, Germany.
- C. Maréchal* , C. Lécuyer, L. Simon, E. Puceat, P. Mattern (2001) Quantification de l'évolution du pH de l'eau de mer au Mésozoïque par la mesure du $\delta^{11}\text{B}$ des carbonates biogéniques. Colloque Action Thématique Innovante — Jeunes Chercheurs, Sciences de l'Univers, 09-10/01, Observatoire de Meudon, France.
- L. Simon*, C. Lécuyer, F. Guyot (2000) Comparaison des bilans de carbone, azote et eau entre Vénus et la Terre. RST 2000, 18^e Réunion des Sciences de la Terre, 17-20/04, Paris, France.
- L. Simon*, C. Lécuyer, F. Guyot (1999) Réservoirs d'eau – Vénus et Terre comparées. École thématique du CNRS "Environnement de la Terre primitive et origine de la vie", 3-10/10, Propriano, Corse, France.