

Extrait du Géologie et géo-tourisme

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# Liste de publications

- Informations "institutionnelles" -

Date de mise en ligne : vendredi 25 ao2006

## **Description :**

Articles publiés, soumis et en cours

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**Géologie et géo-tourisme**

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## Articles publiés :

1. **Moyen, J.-F.**, Martin, H., et Jayananda, M., 1997. Origine du granite fini-archéen de Closepet (Inde du Sud) : apports de la modélisation géochimique du comportement des éléments en trace. *C.R.Acad.Sci.*, Paris, 325 :659 664.
2. Jayananda, M., **Moyen, J.-F.**, Martin, H., Peucat, J.-J., Auvray, B., et Mahabaleswar, B., 2000. Late Archaean (2550 2520 Ma) juvenile magmatism in the Eastern Dharwar craton, southern India : constraints from geochronology, Nd-Sr isotopes and whole rock geochemistry. *Precamb.Res.* 99 :225 254
3. **Moyen, J.-F.**, Martin, H., et Jayananda, M., 2001. The Closepet granite (S.India) multi-elements geochemical modelling of Crust-Mantle interactions during late-Archaean crustal growth. *Precamb.Res.*, 112 :87 105.
4. **Moyen, J.-F.**, Nédélec, A., Martin, H. et Jayananda, M., 2001. Contrasted granite emplacement modes within an oblique crustal section : the Closepet granite, South India. *Phys.Chem.Earth*, 26 4-5 :295 301.
5. Martin, H. et **Moyen, J.-F.**, 2002. Secular changes in TTG composition as markers of the progressive cooling of the Earth. *Geology*, 30 :319 322.
6. **Moyen, J.-F.**, Nédélec, A., Martin, H., Jayananda, M., et Mahabaleswar, B., 2003. Syn-tectonic granite emplacement at all structural levels : the Closepet granite, South India. *J.Struct.Geol.*, 25/4 :611 631.
7. **Moyen, J.-F.** , Martin, H., Jayananda, M. et Auvray, B., 2003. Late-Archaean granites : a typology based on the Dharwar Craton (India). *Precamb.Res.*, 127 :103 123.
8. **Moyen, J.-F.** , Martin, H., Jayananda, M., Mahabaleswar, B. et Auvray, B., 2003. From the roots to the roof of a granite : the Closepet granite, South India. *J.Geol.Soc.India*, 62-6 :753-768.
9. Martin, H., Smithies, R.H., Rapp, R., **Moyen, J.-F.**, et Champion, D., 2005. An over-view of adakite, TTG and sanukitoid : relationships and some implications for crustal evolution. *Lithos*, 79-1/2 :1 24.
10. Steenfelt, A., Garde, A.A., et **Moyen, J.-F.**, 2005. Mantle wedge involvement in the petrogenesis of Archaean grey gneisses in West Greenland. *Lithos*, 79-1/2:207-228.
11. **Moyen, J.-F.** et Stevens, G., 2006. Experimental constraints on TTG petrogenesis : implications for Archaean geodynamics. In "Archaean geodynamics and environments", AGU monographs n. 164, K. Benn, K.C. Condie and J.-C. Mareschal eds. Chapter 10, pp. 149 175.
12. **Moyen, J.-F.**, Stevens, G. and Kisters, A., 2006. Record of mid-Archaean subduction from metamorphism in the Barberton terrain, South Africa. *Nature*, 442(7102) :559-562
13. **Moyen, J.-F.**, et Watt, G.R, 2006. Geology, geochemistry and deformation of supracrustal and granitic rocks NE of Kangaatsiaq : pre-nagssugtoqidian crustal evolution in the NNO. *Bulletin of the Geological Survey of Greenland*, 11:33-52.
14. Stevens, G., Villaros, A., et **Moyen, J.-F.**, 2007. Selective peritectic garnet entrainment as the origin of geochemical diversity in S-type granites. *Geology* 1:9-12.
15. Solgadi, F., **Moyen, J.-F.**, Vanderhaeghe, O., Sawyer, E. and Reisberg, L., 2007. The role of crustal anatexis and mantle-derived magmas in the genesis of synorogenic hercynian granites of the Livradois area, french Massif Central. *Canadian Mineralogist* 45:581-606.

## Sous presse

1. **Moyen, J.-F.**, Stevens, G., Kisters, A.F.M. and Belcher, R.W. TTG plutons of the Barberton granitoid-greenstone terrain, South Africa. In *Earth's Oldest Rocks, Developments in Precambrian Geology*, Elsevier. M.J. Van Kranendonk, R. Hugh Smithies, and Vickie Bennett eds. In press.
2. **Moyen, J.-F.** and G. Stevens (submitted). Metamorphism in the Barberton Granite Greenstone Terrain : a record of Earth s earliest accretionary orogen. in : *Earth's Oldest Rocks. Developments in Precambrian Geology*, Elsevier. M.J. Van Kranendonk, R. Hugh Smithies, and Vickie Bennett eds. in press.

## Soumis

1. . Villaros, A., **Moyen, J.-F.**, Ledru, P. and Gardien, V. in preparation. Contrasted behaviour of ortho- and paragneisses during regional anatexis : the Argentera-Mercantour external crystalline Massif.