

## PUBLICATIONS (INCLUDING SUBMITTED AND IN PRESS)

1. Gallagher, K. Uplift, Denudation and their causes and constraints on geological timescales, invited book chapter for Principles of Phanerozoic Geology, Roberts, D. and Bally, A. Editors. in press.
2. Swift, D.A., Persano, C., Stuart, F.M., Gallagher, K., Whitham, A. A reassessment of the role of ice sheet glaciation in the long-term evolution of the East Greenland fjord region, *Geomorphology*, in press.
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4. Stephenson, J., Gallagher, K. and Holmes, C. (2006) A Bayesian approach to calibrating apatite fission track annealing models for laboratory and geological timescales. *Geochimica Cosmochimica Acta*, 70, 5183-5200.
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6. Stephenson, J., Gallagher, K. and Holmes, C. (2006) Low temperature thermochronology and modelling strategies for multiple samples 2 : Partition modeling for 2D and 3D distributions with discontinuities, *Earth Planet Sci. Letts.* 241, 557-570.
7. Jasra, A., Stephens, D.A. Gallagher, K. and Holmes, C.C., (2006) Analysis of geochronological data with measurement error using Bayesian mixtures, *Mathematical Geology*, 38(3), 269-300.
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12. Gallagher, K., Stephenson, J., Brown R., Holmes, C. and Fitzgerald, P. (2005) Low temperature thermochronology and modelling strategies for multiple samples 1 : vertical profiles, *Earth Planet Sci. Letts.*, 237, 193-208.
13. Raab, M., Brown, R., Gallagher, K., Weber, K., and Gleadow, A. (2005), Denudational and Thermal History of the Early Cretaceous Brandberg and Okenyenya Igneous Complexes on Namibia's Atlantic Passive Margin, *Tectonics*, 24, TC3006, doi:10.1029/2004TC001688/
14. Jackson, M., Gallagher, K., Petford, N. and Cheadle, M.J. (2005) Towards a coupled thermal and mechanical model of TTG magma formation, *Lithos*, 79, 43-60.
15. Stephenson, J., Gallagher, K. and Holmes, C. (2005) Beyond Kriging – dealing with discontinuous spatial data fields using adaptive prior information and Bayesian Partition modeling, in Curtis, A. and Wood, R. *Geological Prior Information: informing Science and Engineering*, Geol. Soc. Lond. Spec. Publication 239, 195-209.
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19. Cunningham, M.J., Densmore, A.L., Allen, P.A., Phillips, W.E.A., Bennett, S., Gallagher, K and Carter, A., (2003) Evidence For Neogene Tectonic Activity In Southeastern Ireland, *Geological Magazine*, 140, 101-118.
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34. Harman, R., Gallagher, K., Brown R., Raza, A. and Bizzi, L., (1999) Accelerated denudation and tectonic/geomorphic reactivation of the cratons of northeastern Brazil during the Late Cretaceous, J. Geophys. Res., 103, 27091-27105.

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