

## Publications

GEOFFREY EGLINTON, B.Sc., Ph.D., D.Sc., FRIC, FRS

### Recent Publications, 2007 onwards

524. Timothy Eglinton, G. Eglinton. Molecular proxies for paleoclimatology. *Earth Planetary Sci. Lett.* (2008) doi:10.1016/j.epsl.2008.07.012

525. Susan M. Gaines, Geoffrey Eglinton and Juergen Rullkoetter, "Echoes of Life. What Fossil Molecules Reveal about Earth History". (2009) *Oxford University Press, Inc.*, 355pp

### Publications (1951-2006)

1. Rommerskirchen, Florian; Eglinton, Geoffrey; Dupont, Lydie; Rullkoetter, Juergen (2006). Glacial/interglacial changes in southern Africa: compound-specific  $\delta^{13}\text{C}$  land plant biomarker and pollen records from southeast Atlantic continental margin sediments. *Geochemistry, Geophysics, Geosystems*, **7(8)**, <http://www.agu.org/journals/gc/gc0608/2005GC001223/2005GC001223.pdf>
2. Rommerskirchen, Florian; Plader, Anna; Eglinton, Geoffrey; Chikaraishi, Yoshito; Rullkoetter, Juergen (2006). Chemotaxonomic significance of distribution and stable carbon isotopic composition of long-chain alkanes and alkan-1-ols in C4 grass waxes. *Organic Geochemistry*, **37(10)**, 1303-1332.
3. Zhang, Zhaohui; Zhao, Meixun; Eglinton, Geoffrey; Lu Huayu; Huang, Chi-Yue, 2006. Leaf wax lipids as paleovegetational and paleoenvironmental proxies for the Chinese Loess Plateau over the last 170 kyr. *Quaternary Science Reviews*, **25(5-6)**, 575-594.
4. Zhao, Meixun; Mercer, Jennifer L.; Eglinton, Geoffrey; Higginson, Matthew J.; Huang, Chi-Yue. **Comparative molecular biomarker assessment of phytoplankton paleoproductivity for the last 160 kyr off Cap Blanc, NW Africa.** *Organic Geochemistry* (2006), **37(1)**, 72-97.
5. Haug, Gerald H.; Ganopolski, Andrey; Sigman, Daniel M.; Rosell-Mele, Antoni; Swann, George E. A.; Tiedemann, Ralf; Jaccard, Samuel L.; Bollmann, Joerg; Maslin, Mark A.; Leng, Melanie J.; Eglinton, Geoffrey. **North Pacific seasonality and the glaciation of North America 2.7 million years ago.** *Nature* (London, United Kingdom) (2005), **433(7028)**, 821-825.
6. Eglinton, G. and Pancost, R. (2004) Immortal molecules (Wollaston Address). *Geoscientist* **14**, 4-16.
7. Street-Perrott, F. A., Ficken, K. J., Huang, Y. and Eglinton, G. (2004). Late Quaternary changes in carbon cycling on Mount Kenya, East Africa: an overview of the  $^{13}\text{C}$  record in lacustrine organic matter. *Quaternary Science Reviews*, **23**, 861-879.
8. Zhang, Zhaohui; Zhao, Meixun; Yang, Xiangdong; Wang, Sumin; Jiang, Xuezhong;

- Oldfield, Frank; Eglinton, Geoffrey. **A hydrocarbon biomarker record for the last 40 kyr of plant input to Lake Heqing, southwestern China.** *Organic Geochemistry* (2004), 35(5), 595-613.
9. Rommerskirchen, Florian; Eglinton, Geoffrey; Dupont, Lydie; Guentner, Ute; Wenzel, Claudia; Rullkoetter, Juergen. **A north to south transect of Holocene southeast Atlantic continental margin sediments: relationship between aerosol transport and compound-specific  $\delta^{13}\text{C}$  land plant biomarker and pollen records.** *Geochemistry, Geophysics, Geosystems* (2003), 4(12), No pp. given.
  10. Zhao, Meixun; Dupont, Lydie; Eglinton, Geoffrey; Teece, Mark. **n-Alkane and pollen reconstruction of terrestrial climate and vegetation for N.W. Africa over the last 160 kyr.** *Organic Geochemistry* (2003), 34(1), 131-143.
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