

Bibliography

Compiled by Ann Wintle

From 1st January 2006 to 30th May 2006

- Anderson, A., Roberts, R., Dickinson, W., Clark, G., Burley, D., de Biran, A., Hope, G., and Nunn, P. (2006). Times of sand: Sedimentary history and archaeology at the Sigatoka Dunes, Fiji. *Geoarchaeology* **21**, 131-154.
- Antonioli, F., Kershaw, S., Renda, P., Rust, D., Belluomini, G., Cerasoli, M., Radtke, U., and Silenzi, S. (2006). Elevation of the last interglacial highstand in Sicily (Italy): A benchmark of coastal tectonics. *Quaternary International* **145**, 3-18.
- Beerten, K., and Stesmans, A. (2006). Some properties of Ti-related paramagnetic centres relevant for electron spin resonance dating of single sedimentary quartz grains. *Applied Radiation and Isotopes* **64**, 594-602.
- Beerten, K., and Stesmans, A. (2006). The use of Ti centers for estimating burial doses of single quartz grains: A case study from an aeolian deposit similar to 2 Ma old. *Radiation Measurements* **41**, 418-424.
- Boenigk, W., and Frechen, M. (2006). The Pliocene and Quaternary fluvial archives of the Rhine system. *Quaternary Science Reviews* **25**, 550-574.
- Bortolin, E., Bustos Griffin, E., Cruz-Zaragoza, E., Coste, V., and Onori, S. (2006). Electron paramagnetic resonance detection of Mexican irradiated spices. *International Journal of Food Science and Technology* **41**, 375-382.
- Brauer, A., Tempelhoff, K., and Murray, A. S. (2005). OSL-dating of fine-grained sand deposits and its implications for glacial stratigraphy and landscape evolution: research results from Stolzenhagen, northeastern Brandenburg. *Die Erde* **136**, 15-35.
- Brook, G. A., Srivastava, P., and Marais, E. (2006). Characteristics and OSL minimum ages of relict fluvial deposits near Sossus Vlei, Tsauhab River, Namibia, and a regional climate record for the last 30 ka. *Journal of Quaternary Science* **21**, 347-362.
- Carobene, L., Cirrincione, R., De Rosa, R., Gueli, A. M., Marino, S., and Troja, S. O. (2006). Thermal (TL) and optical stimulated luminescence (OSL) techniques for dating Quaternary colluvial volcaniclastic sediments: An example from the Crati Basin (Northern Calabria). *Quaternary International* **148**, 149-164.
- Carr, A. S., Thomas, D. S. G., and Bateman, M. D. (2006). Climatic and sea level controls on Late Quaternary eolian activity on the Agulhas Plain, South Africa. *Quaternary Research* **65**, 252-263.
- Chen, R., Pagonis, V., and Lawless, J. L. (2006). The nonmonotonic dose dependence of optically stimulated luminescence in Al₂O₃ : C: Analytical and numerical simulation results. *Journal of Applied Physics* **99**. Art. No. 033511
- Clarke, M. L., and Rendell, H. M. (2006). Effects of storminess, sand supply and the North Atlantic Oscillation on sand invasion and coastal dune accretion in western Portugal. *The Holocene* **16**, 341-355.
- Correcher, V., Garcia-Guinea, J., and Valle-Fuentes, F. J. (2006). Preliminary study of the thermally stimulated blue luminescence of ulexite. *Journal of Thermal Analysis and Calorimetry* **83**, 439-444.
- Couapel, M. J. J., and Bowles, C. J. (2006). Impact of gamma densitometry on the luminescence signal of quartz grains. *Geo-Marine Letters* **26**, 1-5.
- Coutard, S., Lautridou, J. P., Rhodes, E., and Clet, M. (2006). Tectonic, eustatic and climatic significance of raised beaches of Val de Saire, Cotentin, Normandy, France. *Quaternary Science Reviews* **25**, 595-611.

- Duffield, W., Riggs, N., Kaufman, D., Champion, D., Fenton, C., Forman, S., McIntosh, W., Hereford, R., Plescia, J., and Ort, M. (2006). Multiple constraints on the age of a Pleistocene lava dam across the Little Colorado River at Grand Falls, Arizona. *Geological Society of America Bulletin* **118**, 421-429.
- Eitel, B., Kadereit, A., Blümel, W.-D., Hüser, K., Lomax, J., and Hilgers, A. (2006). Environmental changes at the eastern Namib Desert margin before and after the Last Glacial Maximum: New evidence from fluvial deposits in the upper Hoanob River catchment, northwestern Namibia. *Palaeogeography, Palaeoclimatology, Palaeoecology* **234**, 201-222.
- Engin, B., Aydas, C., and Demirtas, H. (2006). ESR dosimetric properties of window glass. *Nuclear Instruments & Methods in Physics Research B* **243**, 149-155.
- Engin, B., Kapan-Yesilyurt, S., Taner, G., Demirtas, H., and Eken, M. (2006). ESR dating of Soma (Manisa, West Anatolia - Turkey) fossil gastropoda shells. *Nuclear Instruments & Methods in Physics Research B* **243**, 397-406.
- Falguères, C., Bahain, J. J., Pérez-González, A., Mercier, N., Santonja, M., and Dolo, J. M. (2006). The Lower Acheulian site of Ambrona, Soria (Spain): ages derived from a combined ESR/U-series model. *Journal of Archaeological Science* **33**, 149-157.
- Federici, P. R., and Pappalardo, M. (2006). Evidence of Marine Isotope Stage 5.5 highstand in Liguria (Italy) and its tectonic significance. *Quaternary International* **145**, 68-77.
- Gartia, R. K., Ranita, U., and Singh, T. B. (2006). Mathematical modeling of glow peaks of fluorites relevant to dosimetry and dating. *Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Science* **80**, 181-185.
- Glasser, N. F., Harrison, S., Ivy-Ochs, S., Duller, G. A. T., and Kubik, P. W. (2006). Evidence from the Rio Bayo valley on the extent of the North Patagonian Icefield during the Late Pleistocene-Holocene transition. *Quaternary Research* **65**, 70-77.
- González, S., Huddart, D., Bennett, M. R., and González-Huesca, A. (2006). Human footprints in Central Mexico older than 40,000 years. *Quaternary Science Reviews* **25**, 201-222.
- Greenbaum, N., Porat, N., Rhodes, E., and Enzel, Y. (2006). Large floods during late Oxygen Isotope Stage 3, southern Negev desert, Israel. *Quaternary Science Reviews* **25**, 704-719.
- Grün, R., Maroto, J., Eggins, S., Stringer, C., Robertson, S., Taylor, L., Mortimer, G., and McCulloch, M. (2006). ESR and U-series analyses of enamel and dentine fragments of the Banyoles mandible. *Journal of Human Evolution* **50**, 347-358.
- Hebenstreit, R., Bose, M., and Murray, A. (2006). Late Pleistocene and early Holocene glaciations in Taiwanese mountains. *Quaternary International* **147**, 76-88.
- Huntley, D. J. (2006). An explanation of the power-law decay of luminescence. *Journal of Physics C* **18**, 1359-1365.
- Huntsman-Mapila, P., Ringrose, S., Mackay, A. W., Downey, W. S., Modisi, M., Coetzee, S. H., Tiercelin, J. J., Kampunzu, A. B., and Vanderpost, C. (2006). Use of the geochemical and biological sedimentary record in establishing palaeo-environments and climate change in the Lake Ngami basin, NW Botswana. *Quaternary International* **148**, 51-64.
- Ishida, Y., Ninagawa, K., Sakamoto, K., Toyoda, S., Nishido, H., and Gucsik, A. (2005). Thermoluminescence study of shocked sandstone. *Meteoritics & Planetary Science* **40**, A74-A74.
- Kinoshita, A., Figuty, L., and Baffa, O. (2006). Electron spin resonance dating of shells from the Sambaqui (Shell Mound) Capelinha, Sao Paulo, Brazil. *Brazilian Journal of Physics* **36**, 93-96.
- Kitagawa, Y., Imoto, H., Saito, M., Kurihara, H., Fujie, K., Toyoda, S., and Naruse, T. (2005). Mineral composition of clay fractions and oxygen vacancies in silt-sized quartz in soils on the Ka-Etsu plateau, Fukui, Central Japan -

Possibility of eolian dust brought from Northern Asia as parent material of soils. *Soil Science and Plant Nutrition* **51**, 999-1010.

Kitis, G., Chen, R., Pagonis, V., Carinou, E., Ascounis, P., and Kamenopoulou, V. (2006). Thermoluminescence under an exponential heating function: II Glow-curve deconvolution of experimental glow-curves. *Journal of Physics D* **39**, 1508-1514.

Kitis, G., Chen, R., Pagonis, V., Carinou, E., and Kamenopoulou, V. (2006). Thermoluminescence under an exponential heating function: I Theory. *Journal of Physics D* **39**, 1500-1507.

Kitis, G., and Furetta, C. (2005). Simulation of competing irradiation and fading effects in thermoluminescence dosimetry. *Radiation Effects and Defects in Solids* **160**, 285-296.

Koike, K., Nakagawa, M., Koike, C., Chihara, H., Okada, M., Matsumura, M., Awata, T., Atobe, K., and Takada, J. (2006). Properties of simulated cosmic matters after gamma-ray and neutron irradiation. *Planetary and Space Science* **54**, 325-330.

Koshchug, D. G., Gazeev, V. M., Gurbanov, A. G., Shabalin, R. V., and Vyatkin, S. V. (2005). EPR dating and evolution of the Elbrus volcano. *Applied Magnetic Resonance* **28**, 331-342.

Koul, D. K. (2006). Role of alkali ions in limiting the capacity of the 110 degrees C peak of quartz to remember the firing temperature. *Applied Radiation and Isotopes* **64**, 110-115.

Krauss, S. L., He, T. H., Lamont, B. B., Miller, B. P., and Enright, N. J. (2006). Late Quaternary climate change and spatial genetic structure in the shrub *Banksia hookeriana*. *Molecular Ecology* **15**, 1125-1137.

Kundu, H. K., Sato, H., Ganas, A., and Ikeya, M. (2005). ESR studies on calcite encrustation on Fili neotectonic fault, Greece. *Applied Magnetic Resonance* **29**, 185-194.

Kuster, Y., Hetzel, R., Krbetschek, M., and Tao, M. X. (2006). Holocene loess sedimentation along the Qilian Shan (China): significance for understanding the processes and timing of loess deposition. *Quaternary Science Reviews* **25**, 114-125.

Li, S. H., and Sun, J. M. (2006). Optical dating of Holocene dune sands from the Hulun Buir Desert, northeastern China. *The Holocene* **16**, 457-462.

Lindén, M., Möller, P., Björck, S., and Sandgren, P. (2006). Holocene shore displacement and deglaciation chronology in Norrbotten, Sweden. *Boreas* **35**, 1-22.

Litchfield, N. J., and Rieser, U. (2005). Optically stimulated luminescence age constraints for fluvial aggradation terraces and loess in the eastern North Island, New Zealand. *New Zealand Journal of Geology and Geophysics* **48**, 581-589.

Lutoev, V. P. (2005). Application of the ESR method in geological correlation problems. *Applied Magnetic Resonance* **28**, 311-330.

Mauz, B., Hilger, W., Muller, M. J., Zöller, L., and Dikau, R. (2005). Aeolian activity in Schleswig-Holstein (Germany): Landscape response to Late Glacial climate change and Holocene human impact. *Zeitschrift Fur Geomorphologie* **49**, 417-431.

Morwood, M. J., Brown, P., Jatmiko, T., Sutikna, E., Saptomo, W., Westaway, K. E., Due, R. A., Roberts, R. G., Maeda, T., Wasisto, S., and Djubianono, T. (2005). Further evidence for small-bodied hominins from the Late Pleistocene of Flores, Indonesia. *Nature* **437**, 1012-1017.

Nakamura, N., Cullings, H. M., Kodama, Y., Wada, T., Miyazawa, C., Lee, K., and Awa, A. A. (2006). A method to differentiate between the levels of ESR signals induced by sunlight and by ionizing radiation in teeth from atomic bomb survivors. *Radiation Research* **165**, 359-364.

- Ogundare, F. O., Balogun, F. A., Olowofela, J. A., Mokobia, C. E., and Fasunwon, O. O. (2006). Thermoluminescence characteristics of natural dolerite. *Nuclear Instruments & Methods in Physics Research B* **243**, 156-160.
- Pan, B. T., Wang, J. P., Gao, H. S., Chen, Y. Y., Li, J. J., and Liu, X. F. (2005). Terrace dating as an archive of the run-through of the Sanmen Gorges. *Progress in Natural Science* **15**, 1096-1103.
- Polymeris, G. S., Tsirliganis, N., Loukou, Z., and Kitis, G. (2006). A comparative study of the anomalous fading effects of TL and OSL signals of Durango apatite. *Physica Status Solidi a-Applications and Materials Science* **203**, 578-590.
- Ponnusamy, V., Ramasamy, V., and Anandalakshmi, K. (2006). Effect of preheating in biogenic shells - Thermostimulated luminescence and FTIR study. *Indian Journal of Pure & Applied Physics* **44**, 13-19.
- Przegietka, K. R., Richter, D., Chruscinska, A., Oczkowski, H. L., Lankauf, K. R., Szmanda, J., Luc, M., and Chudziak, A. (2005). Quartz luminescence applied in palaeoenvironmental reconstruction of a dune. *Physica Scripta* **T118**, 257-260.
- Radtke, U., and Schellmann, G. (2006). Uplift history along the Clermont Nose Traverse on the West Coast of Barbados during the last 500,000 years - Implications for paleo-sea level reconstructions. *Journal of Coastal Research* **22**, 350-360.
- Rasheedy, M. S. (2005). Method of Hoogenstraaten as a tool for obtaining the trap parameters of general-order thermoluminescence glow peaks. *Radiation Effects and Defects in Solids* **160**, 383-390.
- Rasheedy, M. S., and Zahran, E. M. (2006). The effect of the heating rate on the characteristics of some experimental thermoluminescence glow curves. *Physica Scripta* **73**, 98-102.
- Raukas, A., and Stankowski, W. (2005). Influence of sedimentological composition on OSL dating of glaciofluvial deposits: examples from Estonia. *Geological Quarterly* **49**, 463-470.
- Sun, J. M., Li, S. H., Han, P., and Chen, Y. Y. (2006). Holocene environmental changes in the central Inner Mongolia, based on single-aliquot-quartz optical dating and multi-proxy study of dune sands. *Palaeogeography Palaeoclimatology Palaeoecology* **233**, 51-62.
- Switzer, A. D., Bristow, C. S., and Jones, B. G. (2006). Investigation of large-scale washover of a small barrier system on the southeast Australian coast using ground penetrating radar. *Sedimentary Geology* **183**, 145-156.
- Takeda, K., and Ninagawa, K. (2005). Cathodoluminescence and thermoluminescence studies of Cr chondrites. *Meteoritics & Planetary Science* **40**, A150-A150.
- Tribolo, C., Mercier, N., Selo, M., Valladas, H., Joron, J.-L., Reyss, J.-L., Henshilwood, C., Sealy, J., and Yates, R. (2006). TL dating of burnt lithics from Blombos cave (South Africa): further evidence for the antiquity of modern human behaviour. *Archaeometry* **48**, 341-357.
- Vaille, J. R., Ravotti, F., Garcia, P., Glaser, M., Matias, S., Idri, K., Boch, J., Lorfevre, E., McNulty, P. J., Saigne, E., and Dusseau, L. (2005). Online dosimetry based on optically stimulated luminescence materials. *IEEE Transactions on Nuclear Science* **52**, 2578-2582.
- Veronese, I., Giussani, A., and Göksu, H. Y. (2006). Limits of thermoluminescence dosimetry using quartz extracted from recent building materials in urban settlements. *Journal of Environmental Radioactivity* **86**, 319-336.
- Wadley, L. (2005). A typological study of the final Middle Stone Age stone tools from Sibudu Cave, KwaZulu-Natal. *South African Archaeological Bulletin* **60**, 51-63.
- Ward, I. A. K., Fullagar, R. L. K., Boer-Mah, T., Head, L. M., Tacon, P. S. C., and Mulvaney, K. (2006). Comparison of sedimentation and occupation histories inside and outside rock shelters, Keep-River region, northwestern Australia. *Geoarchaeology* **21**, 1-27.

Webb, S., Cupper, M. L., and Robins, R. (2006). Pleistocene human footprints from the Willandra Lakes, southeastern Australia. *Journal of Human Evolution* **50**, 405-413.

Wintle, A. G., and Murray, A. S. (2006). A review of quartz optically stimulated luminescence characteristics and their relevance in single-aliquot regeneration dating protocols. *Radiation Measurements* **41**, 369-391.

Wolfe, S. A., Ollerhead, J., Huntley, D. J., and Lian, O. B. (2006). Holocene dune activity and environmental change in the prairie parkland and boreal forest, central Saskatchewan, Canada. *The Holocene* **16**, 17-29.

Woodroffe, C. D., Kennedy, D. M., Brooke, B. P., and Dickson, M. E. (2006). Geomorphological evolution of Lord Howe Island and carbonate production at the latitudinal limit to reef growth. *Journal of Coastal Research* **22**, 188-201.

Zacharias, N., Michael, C., Philaniotou-Hadjlanastasiou, O., Hein, A., and Bassiakos, Y. (2006). Fine-grain TL dating of archaeometallurgical furnace walls. *Journal of Cultural Heritage* **7**, 23-29.

Zhao, J. D., Zhou, S. Z., He, Y. Q., Ye, Y. G., and Liu, S. Y. (2006). ESR dating of glacial tills and glaciations in the Urumqi River headwaters, Tianshan Mountains, China. *Quaternary International* **144**, 61-67.

