

## Bibliography

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Akselrod, M. S., Agersnap Larsen, N. and McKeever, S. W. S. (2000). A procedure for the distinction between static and dynamic radiation exposures of personal radiation badges using pulsed optically stimulated luminescence. *Radiation Measurements* **32**, 215-225.

Andrews, J. E., Boomer, I., Bailiff, I., Balson, P., Bristow, C., Chroston, P. N., Funnell, B. M., Harwood, G. M., Jones, R., Maher, B. A. and Shimmield, G. B. (2000). Sedimentary evolution of the north Norfolk barrier coastline in the context of Holocene sea-level change. *Holocene Land-Ocean Interaction and Environmental Change around the North Sea*. I. Shennan and J. Andrews. London, Geological Society. **166**: 219-251.

Baietto, V., Villeneuve, G., Guibert, P. and Schvoerer, M. (2000). EPR and TL correlation in some powdered Greek white marbles. *Applied Radiation and Isotopes* **52**, 229-235.

Bailey, R. M. (2000). The interpretation of quartz optically stimulated luminescence equivalent dose versus time plots. *Radiation Measurements* **32**, 129-140.

Bailey, R. M. (2000). The slow component of quartz optically stimulated luminescence. *Radiation Measurements* **32**, 233-246.

Bailiff, I. K. and Tooley, M. J. (2000). Luminescence dating of fine-grain Holocene sediments from a coastal setting. *Holocene Land-Ocean Interaction and Environmental Change around the North Sea*. I. Shennan and J. Andrews. London, Geological Society. **166**: 55-67.

Balogun, F. A., Ojo, J. O., Ogundare, F. O., Fasasi, M. K. and Hussein, L. A. (1999). TL response of a natural fluorite. *Radiation Measurements* **30**, 759-763.

Banerjee, D., Bøtter-Jensen, L. and Murray, A. S. (2000). Retrospective dosimetry: estimation of the dose to quartz using the single-aliquot regenerative-dose protocol. *Applied Radiation and Isotopes* **52**, 831-844.

Bateman, M. D., Hannam, J. and Livingstone, I. (1999). Late Quaternary dunes at Twigmor Woods, Lincolnshire, U.K. *Zeitschrift fur Geomorphologie* **116**, 131-146.

Bateman, M. D., Murton, J. B. and Crowe, W. (2000). Late Devensian and Holocene depositional environments associated with the coversand around Caistor, north Lincolnshire. *Boreas* **29**, 1-15.

Benny, P. G., Sanjeev, N., Gundu Rao, T. K. and Bhatt, B. C. (2000). Gamma ray induced sensitization of 110°C TL peak in quartz separated from quartz. *Radiation Measurements* **32**, 247-252.

Berger, G. W. and Gonzalez, A. P. (2000). Some optical dating results from karstic cave sediments at Atapuerca, Spain. *Journal of Human Evolution* **38**, A6-A7.

Bruce, J., Galloway, R. B., Harper, K. and Spink, E. (1999). Bleaching and phototransfer of thermoluminescence in limestone. *Radiation Measurements* **30**, 497-504.

Bulur, E. (2000). A simple transformation for converting CW-OSL curves to LM-OSL curves. *Radiation Measurements* **32**, 141-145.

Bulur, E. and Göksu, H. Y. (1999). Infrared (IR) stimulated luminescence from feldspars with linearly increasing excitation light intensity. *Radiation Measurements* **30**, 505-512.

Carmichael, L. and Sanderson, D. C. W. (2000). The use of acid hydrolysis for extracting minerals from shellfish for thermoluminescence detection of irradiation. *Food Chemistry* **68**, 233-238.

- Chen, G. and Li, S. H. (2000). Studies of quartz 110°C thermoluminescence peak sensitivity change and its relevance to optically stimulated luminescence dating. *Journal of Physics D: Applied Physics* **33**, 437-443.
- Clarke, M. L. and Rendell, H. M. (2000). The development of a methodology for luminescence dating of Holocene sediments at the land-ocean interface. *Holocene Land-Ocean Interaction and Environmental Change around the North Sea*. I. Shennan and J. Andrews. London, Geological Society. **166**: 69-86.
- Clarke, M. L., Rendell, H. M., Pye, K., Tastet, J.-P., Pontee, N. I. and Massé, L. (1999). Evidence for the timing of dune development on the Aquitaine coast, southwest France. *Zeitschrift fur Geomorphologie* **116**, 147-163.
- David, P. P., Wolfe, S. A., Huntley, D. J. and Lemmen, D. S. (1999). Activity cycle of parabolic dunes based on morphology and chronology from Seward sand hills, Saskatchewan. Holocene climate and environmental change in the Palliser Triangle: a geoscientific context for evaluating the impacts of climate change on the southern Canadian Prairies. D. S. Lemmen and R. E. Vance, Geological Survey of Canada. **534**: 223-238.
- Engin, B. and Guven, O. (2000). The effect of heat treatment on the thermoluminescence of naturally-occurring calcites and their use as a gamma-ray dosimeter. *Radiation Measurements* **32**, 253-272.
- Engin, B., Guven, O. and Koksal, F. (1999). Electron spin resonance age determination of a travertine sample from the southwestern part of Turkey. *Applied Radiation and Isotopes* **51**, 689-699.
- Engin, B., Guven, O. and Koksal, F. (1999). Thermoluminescence and electron spin resonance properties of some travertines from Turkey. *Applied Radiation and Isotopes* **51**, 729-746.
- Fain, J., Sanzelle, S., Pilleyre, T., Miallier, D. and Montret, M. (1999). Deep-trap model for thermoluminescence: emptying stage calculation and comparison with experimental data. *Radiation Measurements* **30**, 487-495.
- Feathers, J. K. and Bush, D. A. (2000). Luminescence dating of Middle Stone Age deposits at Die Kelders. *Journal of Human Evolution* **38**, 91-119.
- Folz, E. and Mercier, N. (1999). A single-aliquot OSL protocol using bracketing regenerative doses to accurately determine equivalent doses in quartz. *Radiation Measurements* **30**, 477-485.
- Forman, S. L., Ingolfsson, O., Gataullin, V., Manley, W. F. and Lokrantz, H. (1999). Late Quaternary stratigraphy of western Yamal Peninsula, Russia: new constraints on the configuration of the Eurasian ice sheet. *Geology* **27**, 807-810.
- Frechen, M., Zander, A., Cilek, A. and Lozek, V. (1999). Loess chronology of the Last Interglacial/Glacial cycle in Bohemia and Moravia, Czech Republic. *Quaternary Science Reviews* **18**, 1467-1493.
- Galloway, R. B. (1999). Concerning infrared-stimulated luminescence from feldspars: evidence from heating before stimulating. *Radiation Measurements* **30**, 739-751.
- Gandhi, Y. H., Kale, Y. D. and Joshi, T. R. (1999). Thermally stimulated luminescence - optical absorption correlation for preheat treated synthetic quartz. *Indian Journal of Pure and Applied Physics* **37**, 600-603.
- GarciaGuinea, J. and Correcher, V. (2000). Luminescence spectra of alkali feldspars: influence of crushing. *Spectroscopy letters* **33**, 103-113.
- GarciaGuinea, J., Townsend, P. D., SanchezMunoz, L. and Rojo, J. M. (1999). Ultraviolet-blue ionic luminescence of alkali feldspars from bulk and interfaces. *Physics and Chemistry of Minerals* **153**, 81-91.
- Han, Z. Y., Li, S. H. and Tso, M. Y. W. (2000). Effects of annealing on TL sensitivity of granitic quartz. *Radiation Measurements* **32**, 227-231.
- Hong, D.G. and Galloway, R.B. (2000). Comparison of equivalent dose values determined by luminescence stimulation using blue and green light. *Nuclear Instruments and Methods in Physics Research B* **160**, 59-64.

- Huntley, D. J. and Lian, O. B. (1999). Using optical dating to determine when a sediment was last exposed to light. Holocene climate and environmental change in the Palliser Triangle: a geoscientific context for evaluating the impacts of climate change on the southern Canadian Prairies. *D. S. Lemmen and R. E. Vance, Geological Survey of Canada*. **534**: 211-222.
- Kirby, E., Whipple, K. X., Burchfield, B. C., Tang, W. Q., Berger, G., Sun, Z. M. and Chen, Z. L. (2000). Neotectonics of the Min Shan: implications for mechanisms driving Quaternary deformation along the eastern margin of the Tibetan Plateau. *Geological Society of America Bulletin* **112**, 375-393.
- Lai, Z.-P., Singhvi, A. K., Chen, H.-Z. and Zhou, W.-J. (1999). Luminescence chronology of Holocene sediments from Taipingchuan in the loess/desert transitional zone, China and its implications. *Man and Environment* **XXIV**, 91-97.
- Lang, A. and Honscheidt, S. (1999). Age and source of colluvial sediments at Vaihingen-Enz, Germany. *Catena* **38**, 89-107.
- Lang, A., Moya, J., Corominas, J., Schrott, L. and Dikau, R. (1999). Classic and new dating methods for assessing the temporal occurrence of mass movements. *Geomorphology* **30**, 33-52.
- Lepper, K. and McKeever, S. W. S. (2000). Characterization of fundamental luminescence properties of the Mars soil simulant JSC Mars-1 and their relevance to absolute dating of martian aeolian sediments. *Icarus* **144**, 295-301.
- Lian, O. and Huntley, D. J. (1999). Optical dating studies of postglacial aeolian deposits from the south-central interior of British Columbia, Canada. *Quaternary Science Reviews* **18**, 1453-1466.
- Mercier, N., Valladas, H., Froget, L., Joron, J. L., Vermeersch, P. M., Van Peer, P. and Moeyersons, J. (1999). Thermoluminescence dating of a Middle Palaeolithic occupation at Sodmein Cave, Red Sea Mountains (Egypt). *Journal of Archaeological Science* **26**, 1339-1345.
- Murray, A. S. and Wintle, A. G. (2000). Luminescence dating of quartz using an improved single-aliquot regenerative-dose protocol. *Radiation Measurements* **32**, 57-73.
- Ohta, M., Hayakawa, T. and Furukawa, H. (2000). Dose quality determined using ESR imaging. *Radiation Measurements* **32**, 147-151.
- Orford, J. D., Wilson, P., Wintle, A. G., Knight, J. and Braley, S. (2000). Holocene coastal dune initiation in Northumberland and Norfolk, eastern UK: climate and sea-level changes as possible forcing agents for dune initiation. *Holocene Land-Ocean Interaction and Environmental Change around the North Sea*. I. Shennan and J. Andrews. London, Geological Society. **166**: 197-217.
- Pandya, A., Vaijapurkar, S. G. and Bhatnagar, P. K. (2000). Radiation dosimetry by potassium feldspar. *Bulletin of Materials Science* **23**, 155-158.
- Pass, B. and Shames, A. I. (2000). Signal processing for radiation dosimetry using EPR in dental enamel: comparison of three methods. *Radiation Measurements* **32**, 163-167.
- Prasad, S. and Gupta, S. K. (1999). Luminescence dating of a 54 m long core from Nal region, western India - implications. *Quaternary Science Reviews* **18**, 1495-1505.
- Rich, J., Stokes, S. and Wood, W. W. (1999). Holocene chronology for lunette dune deposition on the Southern High Plains, U.S.A. *Zeitschrift fur Geomorphologie* **116**, 165-180.
- Richards, B. W., Owen, L. A. and Rhodes, E. J. (2000). Timing of Late Quaternary glaciations in the Himalayas of northern Pakistan. *Journal of Quaternary Science* **15**, 283-297.

Richards, B. W. M. (2000). Luminescence dating of Quaternary sediments in the Himalaya and High Asia: a practical guide to its use and limitations for constraining the timing of glaciation. *Quaternary International* **65/66**, 49-61.

Richardson, C. A., McDonald, E. V. and Busacca, A. J. (1999). A luminescence chronology for loess deposition in Washington State and Oregon, U.S.A. *Zeitschrift fur Geomorphologie* **116**, 147-163.

Spooner, N. A. and Allsop, A. (2000). The spatial variation of dose-rate from  $^{90}\text{Sr}/^{90}\text{Y}$  beta sources for use in luminescence dating. *Radiation Measurements* **32**, 49-56.

Srivastava, P., Shukla, U. K., Mishra, P., Sharma, M., Singh, I. B. and Singhvi, A. K. (2000). Luminescence chronology and facies development of Bhur sands in the interfluvial region of Central Ganga Plain, India. *Current Science* **78**, 498-503.

Thomas, D. S. G., O'Connor, P. W., Bateman, M. D., Shaw, P. A., Stokes, S. and Nash, D. J. (2000). Dune activity as a record of late Quaternary aridity in the Northern Kalahari: new evidence from northern Namibia interpreted in the context of regional arid and humid chronologies. *Palaeogeography, Palaeoclimatology, Palaeoecology* **156**, 243-259.

Thomas, J. V., Kar, A., Kailath, A. J., Juyal, N., Rajaguru, S. N. and Singhvi, A. K. (1999). Late Pleistocene-Holocene history of aeolian accumulation in the Thar Desert, India. *Zeitschrift fur Geomorphologie* **116**, 181-194.

Trautmann, T., Kröbelschek, M. R., Dietrich, A. and Stolz, W. (1999). Feldspat radioluminescence: a new dating method and its physical background. *Journal of Luminescence* **85**, 45-58.

Trautmann, T., Kröbelschek, M. R., Dietrich, A. and Stolz, W. (1999). Radioluminescence dating: a new tool for Quaternary Geology and Archaeology. *Naturwissenschaften* **86**, 441-444.

Tsuchiya, N., Suzuki, T. and Nakatsuka, K. (2000). Thermoluminescence as a new research tool for the evaluation of geothermal activity of the Kakkonda geothermal system, northeast Japan. *Geothermics* **29**, 27-50.

van Heteren, S., Huntley, D. J., van de Plassche, O. and Lubberts, R. K. (2000). Optical dating of dune sand for the study of sea-level change. *Geology* **28**, 411-414.

Zander, A., Duller, G. A. T. and Wintle, A. G. (2000). Multiple and single aliquot luminescence dating techniques applied to quartz extracted from Middle and Upper Weichselian loess, Zemechy, Czech Republic. *Journal of Quaternary Science* **15**, 51-60.

Also there were a number of papers presented at the **International Symposium on Luminescence and its Applications** held in Baroda, India, in February 2,000. Volume I, edited by K.V.R. Murthy, M.D. Sastry, T.R. Joshi, L.H.H. Prasad, A.G. Page and N.G. Patel. These included

McKeever, S.W.S. Luminescence Dosimetry: recent developments in theory and applications, 1-17.

Wintle, A.G. Monitoring luminescence sensitivity changes in quartz in dating processes, 64-72.

Bøtter-Jensen, L. Development of optically stimulated luminescence techniques, 73-77.

Duller, G.A.T. Dose distributions determined from measurements of single quartz grains, 78-85.

Banerjee, D. Thermal transfer and recuperation in quartz OSL and their consequences regarding luminescence dating procedures, 86-93.

Hütt, G. and Jaek, I. Optically stimulated luminescence dosimetry and palaeodosimetry: study of physical basis, 94-102.

Murray, A.S. Single aliquot protocols in luminescence dating, 103-117.