

## Bibliography

---

(From 1<sup>st</sup> October 2000 to 30<sup>th</sup> March 2001) Compiled by Ann Wintle

- Akridge J. M. C., Benoit P. H., and Sears D. W. G. (2001) Determination of trapping parameters of the high temperature thermoluminescence peak in equilibrated ordinary chondrites. *Radiation Measurements* **33**, 109-117.
- Arkhipov S. A., Gnibidenko Z. N., and Shelkoplyas V. N. (2000) Correlation and paleomagnetism of glacial and loess-paleosol sequences on the West Siberian Plain. *Quaternary International* **68**, 13-27.
- Bailey R. M. (2001) Towards a general kinetic model for optically and thermally stimulated luminescence of quartz. *Radiation Measurements* **33**, 17-45.
- Banerjee D. (2001) Supralinearity and sensitivity changes in optically stimulated luminescence of annealed quartz. *Radiation Measurements* **33**, 47-57.
- Banerjee D., Murray A. S., Bøtter-Jensen L., and Lang A. (2001) Equivalent dose estimation using a single aliquot of polymineral fine grains. *Radiation Measurements* **33**, 73-94.
- Berger G. W. and Péwé T. L. (2001) Last Interglacial age of the Eva Forest Bed, central Alaska, from thermoluminescence dating of bracketing loess. *Quaternary Science Reviews* **20**, 484-498.
- Blackwell B. A. B. and Blickstein J. I. B. (2000) Considering sedimentary uptake in external dose rate determinations for ESR and luminescent dating. *Quaternary International* **68**, 329-343.
- Blackwell B. A. B., Leung H. Y., Skinner A. R., Schwarcz H. P., Lebel S., Valladas H., Blickstein J. I. B., and Divjak M. N. (2000) External dose rate determinations for ESR dating at Bau de l'Aubesier, Provence, France. *Quaternary International* **68**, 345-361.
- Carter J. A. and Lian O. B. (2000) Palaeoenvironmental reconstruction from last interglacial using phytolith analysis, southeastern North Island, New Zealand. *Journal of Quaternary Science* **15**, 733-743.
- Chen G., Murray A. S., and Li S. H. (2001) Effect of heating on the quartz dose-response curve. *Radiation Measurements* **33**, 59-63.
- Chen R. and Leung P. L. (2000) A model for dose-rate dependence of thermoluminescence intensity. *Journal of Physics D - Applied Physics* **33**, 846-850.
- Chruscinska A. (2001) The fractional thermoluminescence of bleached K-feldspars. *Journal of Luminescence* **92**, 271-276.
- Clemmensen L. B., Pye K., Murray A., and Heinemeier J. (2001) Sedimentology, stratigraphy and landscape evolution of a Holocene coastal dune system, Lodbjerg, NW Jutland, Denmark. *Sedimentology* **48**, 3-27.
- Collen J. D., Grapes R. H., and Eagar S. H. (2000) Moa fossils and chronology of a Pleistocene terrace sequence, Tauheru, Wairarapa, New Zealand. *New Zealand Journal of Geology and Geophysics* **43**, 483-491.
- Eriksson M. G., Olley J. M., and Payton R. W. (2000) Soil erosion history in central Tanzania based on OSL dating of colluvial and alluvial hillslope deposits. *Geomorphology* **36**, 107-128.
- Galloway R. B. (2001) Luminescence dating: limitations to accuracy attainable. *Journal of Radioanalytical and Nuclear Chemistry* **247**, 679-683.

Goudie A. S., Colls A., Stokes S., Parker A., White K., and Al-Farraj A. (2000) Latest Pleistocene and Holocene dune construction at the north-eastern edge of the Rub Al Khali, United Arab Emirates. *Sedimentology* **47**, 1011-1021.

Grün R., Moriarty K., and Wells R. (2001) Electron spin resonance dating of the fossil deposits in the Naracoorte Caves, South Australia. *Journal of Quaternary Science* **16**, 49-59.

Grün R. and Stringer C. (2000) Tabun revisited: revised ESR chronology and new ESR and U-series analyses of dental material from Tabun C1. *Journal of Human Evolution* **39**, 601-612.

Hashimoto T., Komatsu Y., Hong D. G., and Uezu Y. (2001) Determination of radionuclides in small pieces of archaeological sample and its application to TL-dating. *Radiation Measurements* **33**, 95-101.

Hatté C., Antoine P., Fontugne M., Lang A., Rousseau D.-D., and Zöller L. (2001) Delta 13C of loess organic matter as a potential proxy for paleoprecipitation. *Quaternary Research* **55**, 33-38.

Helmens K. F., Rasanen M. E., Johansson P. W., Jungner H., and Korjonen K. (2000) The Last Interglacial-Glacial cycle in NE Fennoscandia: a nearly continuous record from Sokli (Finnish Lapland). *Quaternary Science Reviews* **19**, 1605-1623.

Hong D. G., Galloway R. B., and Hashimoto T. (2001) Equivalent dose determination from quartz additive dose optically stimulated luminescence: simulation tests. *Nuclear Instruments and Methods in Physics Research B* **173**, 533-540.

Hong D.-G., Yi S. B., Galloway R. B., Tsuboi T., and Hashimoto T. (2001) Optical dating of archaeological samples using a single aliquot of quartz stimulated by blue light. *Journal of Radioanalytical and Nuclear Chemistry* **247**, 179-184.

Hütt G., I. J., and Vasilchenko V. (2001) Photoionization of radiation-induced traps in quartz and alkali feldspars. *Applied Radiation and Isotopes* **54**, 175-182.

Kar A., Singhvi A. K., Rajaguru S. N., Juyal N., Thomas J. V., Banerjee D., and Dhir R. P. (2001) Reconstruction of the late Quaternary environment of the lower Luni plains, Thar Desert, India. *Journal of Quaternary Science* **16**, 61-68.

Kaufman D. S., Manley W. F., Forman S. L., and Layer P. W. (2001) Pre-Late-Wisconsin glacial history, coastal Ahklun Mountains, southwestern Alaska - new amino acid, thermoluminescence, and 40Ar/39Ar results. *Quaternary Science Reviews* **20**, 337-352.

Lehmkuhl F., Klinge M., Rees-Jones J., and Rhodes E. J. (2000) Late Quaternary aeolian sedimentation in central and south-eastern Tibet. *Quaternary International* **68**, 117-132.

Lehmkuhl F. and Lang A. (2001) Geomorphological investigations and luminescence dating in the southern part of the Khangay and the Valley of the Gobi Lakes (Central Mongolia). *Journal of Quaternary Science* **16**, 69-87.

Lian O., Wang N. S., Grapes R. H., and Collen J. D. (2000) Optical dating of sediments associated with a fossil moa skeleton near Tauweru, Wairarapa, New Zealand. *New Zealand Journal of Geology and Geophysics* **43**, 493-499.

Lian O. B. and Shane P. A. (2000) Optical dating of paleosols bracketing the widespread Rotoehu tephra, North Island, New Zealand. *Quaternary Science Reviews* **19**, 1649-1662.

Mahaney W. C., Milner M. W., Voros J., Kalm V., Hutt G., Bezada M., Hancock R. G. V., and Aufreiter S. (2000) Stratotype for the Merida Glaciation at Pueblo Llano in the northern Venezuelan Andes. *Journal of South American Earth sciences* **13**, 761-774.

Mauz B. and Hassler U. (2000) Luminescence chronology of Late Pleistocene raised beaches in southern Italy: new data of relative sea-level changes. *Marine Geology* **170**, 187-203.

- Ohta M., Yasuda M., and Takami M. (2000) Thermoluminescence properties of SiO<sub>2</sub>:Al Eu. *Journal of Alloys and Compounds* **303**, 320-324.
- Oke G. and Yurdutapan E. (2000) Optically stimulated luminescence dating of pottery from Turkey. *Talanta* **53**, 115-119.
- Parkash B., Kumar S., Rao M. S., Giri S. C., Kumar C. S., Gupta S., and Srivastava P. (2000) Holocene tectonic movements and stress field in the western Gangetic plains. *Current Science* **79**, 438-449.
- Rees-Jones J., Rink W. J., Norris R. J., and Litchfield N. J. (2000) Optical luminescence dating of uplifted marine terraces along the Akatore Fault near Dunedin, South Island, New Zealand. *New Zealand Journal of Geology and Geophysics* **43**, 419-424.
- Richards B. W. M., Benn D. I., Owen L. A., Rhodes E. J., and Spencer J. Q. (2000) Timing of late Quaternary glaciations south of Mount Everest in the Khumbu Himal, Nepal. *Geological Society of American Bulletin* **112**, 1621-1632.
- Schellmann G. and Radtke U. (2000) ESR dating stratigraphically well-constrained marine terraces along the Patagonian Atlantic coast (Argentina). *Quaternary International* **68**, 261-273.
- Shinno I., Nakamura T., and Sekine T. (2000) Deformation-sensitive luminescence of forsterite (Mg-2 SiO<sub>4</sub>) shocked up to 82 CPa. *Journal of Luminescence* **87-9**, 1292-1294.
- Soika C. and Delincee H. (2000) Thermoluminescence analysis for detection of irradiated food - effects of dose rate on the glow curves of quartz. *Lebensmittel-Wissenschaft und-Technologie* **33**, 440-443.
- Soika C. and Delincee H. (2000) Thermoluminescence analysis for detection of irradiated food - luminescence characteristics of minerals for different types of radiation and radiation doses. *Lebensmittel-Wissenschaft und-Technologie* **33**, 431-439.
- Srivastava P., Juyal N., Singhvi A. K., Wasson R. J., and Bateman M. D. (2001) Luminescence chronology of river adjustment and incision of Quaternary sediments in the alluvial plain of the Sabarmati River, north Gujarat, India. *Geomorphology* **36**, 217-229.
- Trautmann T. (2000) A study of radioluminescence kinetics of natural feldspar dosimeters: experiments and simulations. *Journal of Physics D - Applied Physics* **33**, 2304-2310.
- Turney C. S. M., Bird M. I., Fifield L. K., Roberts R. G., Smith M., Dortch C. E., Grün R., Lawson E., Ayliffe L. K., Miller G. H., Dortch J., and Cresswell R. G. (2001) Early human occupation at Devil's Lair, southwestern Australia 50,000 years ago. *Quaternary Research* **55**, 3-13.
- Wilson P., Orford J. D., Knight J., Braley S. M., and Wintle A. G. (2001) Late-Holocene (post-45000 years BP) coastal dune development in Northumberland, northeast England. *The Holocene* **11**, 215-229.
- Wolfe A. P., Frechette B., Richard P. J. H., Miller G. H., and Forman S. L. (2000) Paleoecology of a > 90,000-year lacustrine sequence from Fog Lake, Baffin Island, Arctic Canada. *Quaternary Science Reviews* **19**, 1677-1699.
- Wolfe S. A., Huntley D. J., David P. P., Ollerhead J., Sauchyn D. J., and MacDonald G. M. (2001) Late 18th century drought-induced sand dune activity, Great Sand Hills, Saskatchewan. *Canadian Journal of Earth Sciences* **38**, 105-117.
- Yin G. M. and Li S. H. (2000) Thermoluminescence dating of the last volcanic eruption in Changbai Mountain. *Acta Petrologica Sinica* **16**, 353-356.
- Zhang J. F., Li S. H., and Tso M. Y. W. (2001) Assessment of bleaching of K feldspar-grains. *Radiation Measurements* **33**, 103-108.

Zhang J. F., Li S. H., and Tso M. Y. W. (2001) Improvement of the equivalent dose determination using aliquots of potassium feldspar. *Radiation Measurements* **33**, 65-71.

Zhou L. P., van Andel T. H., and Lang A. (2000) A luminescence dating study of open-air palaeolithic sites in western Epirus, Greece. *Journal of Archaeological Science* **27**, 609-620.

Zilberman E., Amit R., Heimann A., and Porat N. (2000) Changes in Holocene Paleoseismic activity in the Hula pull-apart basin, Dead Sea Rift, northern Israel. *Tectonophysics* **321**, 237-252.

## Papers from Rome LED99 volume of Quaternary Science Reviews in alphabetical order

Anthony I. M. C., Sanderson D. C. W., Cook G. T., Abernethy D., and Housley R. A. (2001) Dating a burnt mound from Kilmartin, Argyll, Scotland. *Quaternary Science Reviews* **20**(5-9), 921-925.

Bailey S. D., Wintle A. G., Duller G. A. T., and Bristow C. S. (2001) Sand deposition during the last millennium at Aberffraw, Anglesey, North Wales as determined by OSL dating of quartz. *Quaternary Science Reviews* **20**(5-9), 701-704.

Balescu S., Lamothe M., Auclair M., and Shilts W. W. (2001) IRSL dating of Middle Pleistocene interglacial sediments from southern Quebec (Canada) using multiple and single grain aliquots. *Quaternary Science Reviews* **20**(5-9), 821-824.

Banerjee D., Murray A. S., and Foster I. D. L. (2001) Scilly Isles, UK: optical dating of a possible tsunami deposit from the 1755 Lisbon earthquake. *Quaternary Science Reviews* **20**(5-9), 715-718.

Bateman M. D. and Herrero A. D. (2001) The timing and relation of aeolian sand deposition in central Spain to the aeolian sand record of NW Europe. *Quaternary Science Reviews* **20**(5-9), 779-782.

Bitinas A., Damusyte A., Hutt G., Jaek I., and Kabailiene M. (2001) Application of the OSL dating for stratigraphic correlation of Late Weichselian and Holocene sediments in the Lithuanian Maritime Region. *Quaternary Science Reviews* **20**(5-9), 767-772.

Blackwell B. A. B., Skinner A. R., and Blickstein J. I. B. (2001) ESR isochron exercises: how accurately do modern dose rate measurements reflect paleodose rates? *Quaternary Science Reviews* **20**(5-9), 1031-1039.

Bluszcz A. (2001) Simultaneous OSL and TL dating of sediments. *Quaternary Science Reviews* **20**(5-9), 761-766.

Bonde A., Murray A., and Friedrich W. L. (2001) Santorini: Luminescence dating of a volcanic province using quartz? *Quaternary Science Reviews* **20**(5-9), 789-793.

Chen Y. G., Wu W. S., Chen C. H., and Liu T. K. (2001) A date for volcanic eruption inferred from a siltstone xenolith. *Quaternary Science Reviews* **20**(5-9), 869-873.

Chiavari C., Martini M., Sibilia E., and Vandini M. (2001) Thermoluminescence (TL) characterisation and dating feasibility of ancient glass mosaic. *Quaternary Science Reviews* **20**(5-9), 967-972.

Clarke M. L., Rendell H. M., Hoare P. G., Godby S. P., and Stevenson C. R. (2001) The timing of coversand deposition in northwest Norfolk, UK: a cautionary tale. *Quaternary Science Reviews* **20**(5-9), 705-713.

Colls A. E., Stokes S., Blum M. D., and Straffin E. (2001) Age limits on the late quaternary evolution of the upper Loire River. *Quaternary Science Reviews* **20**(5-9), 743-750.

- Engelmann A., Neber A., Frechen M., Boenigk W., and Ronen A. (2001) Luminescence chronology of Upper Pleistocene and Holocene aeolianites from Netanya South - Sharon Coastal Plain, Israel. *Quaternary Science Reviews* 20(5-9), 799-804.
- Feathers J. K. and Migliorini E. (2001) Luminescence dating at Katanda - a reassessment. *Quaternary Science Reviews* 20(5-9), 961-966.
- Fehrentz M. and Radtke U. (2001) Luminescence dating of Pleistocene outwash sediments of the Senne area (Eastern Munsterland, Germany). *Quaternary Science Reviews* 20(5-9), 725-729.
- Folz E., Bodu P., Bonte P., Joron J. L., Mercier N., and Reyss J. L. (2001) OSL dating of fluvial quartz from Le Closeau, a Late Paleolithic site near Paris - comparison with C-14 chronology. *Quaternary Science Reviews* 20(5-9), 927-933.
- Frechen M., Dermann B., Boenigk W., and Ronen A. (2001) Luminescence chronology of aeolianites from the section at Givat Olga - Coastal Plain of Israel. *Quaternary Science Reviews* 20(5-9), 805-809.
- Fuchs M. and Lang A. (2001) OSL dating of coarse-grain fluvial quartz using single-aliquot protocols on sediments from NE Peloponnese, Greece. *Quaternary Science Reviews* 20(5-9), 783-787.
- Fukuchi T. (2001) Assessment of fault activity by ESR dating of fault gouge; an example of the 500 m core samples drilled into the Nojima earthquake fault in Japan. *Quaternary Science Reviews* 20(5-9), 1005-1008.
- Gautier A. (2001) Luminescence dating of archaeometallurgical slag: use of the SAR technique for determination of the burial dose. *Quaternary Science Reviews* 20(5-9), 973-980.
- Hagihara N., Miono S., Manabe S., and Nakanishi A. (2001) A discovery of suitable layers for the thermoluminescence (TL) dating of ancient iron manufacturing furnace to investigate the origin of iron manufacturing in Japan. *Quaternary Science Reviews* 20(5-9), 987-991.
- Han Z. Y., Li S. H., and Tso M. Y. W. (2001) TL dating of granitic quartz using an additive alpha dose method. *Quaternary Science Reviews* 20(5-9), 907-911.
- Haustein M., Krötschek M. R., Trautmann T., Roewer G., and Stoltz W. (2001) A luminescence study for dating archaeometallurgical slags. *Quaternary Science Reviews* 20(5-9), 981-985.
- Hilgers A., Murray A. S., Schlaak N., and Radtke U. (2001) Comparison of quartz OSL protocols using lateglacial and Holocene dune sands from Brandenburg, Germany. *Quaternary Science Reviews* 20(5-9), 731-736.
- Hoffmann D., Woda C., Strobl C., and Mangini A. (2001) ESR-dating of the Arctic sediment core PS1535 dose-response and thermal behaviour of the CO<sub>2</sub>-signal in foraminifera. *Quaternary Science Reviews* 20(5-9), 1009-1014.
- Huntley D. J. and Prescott J. R. (2001) Improved methodology and new thermoluminescence ages for the dune sequence in south-east South Australia. *Quaternary Science Reviews* 20(5-9), 687-699.
- Hutt G., Goksu H. Y., Jaek I., and Hiekkonen M. (2001) Luminescence dating of Somero sacristy, SW Finland using the 210 degrees C TL peak of quartz. *Quaternary Science Reviews* 20(5-9), 773-777.
- Jungner H., Korjonen K., Heikkilä O., and Wiedemann A. M. (2001) Luminescence and radiocarbon dating of a dune series at Cape Kiwanda, Oregon, USA. *Quaternary Science Reviews* 20(5-9), 811-814.
- Kuzmin Y. V., Hall S., Tite M. S., Bailey R., O'Malley J. M., and Medvedev V. E. (2001) Radiocarbon and thermoluminescence dating of the pottery from the early Neolithic site of Gasya (Russian Far East): initial results. *Quaternary Science Reviews* 20(5-9), 945-948.

Lang A. and Zolitschka B. (2001) Optical dating of annually laminated lake sediments - A test case from Holzmaar/Germany. *Quaternary Science Reviews* 20(5-9), 737-742.

Lee H. K. and Schwarcz H. P. (2001) ESR dating of the subsidiary faults in the Yangsan fault system, Korea. *Quaternary Science Reviews* 20(5-9), 999-1003.

Li S. H. and Yin G. M. (2001) Luminescence dating of young volcanic activity in China. *Quaternary Science Reviews* 20(5-9), 865-868.

Miallier D., Gibert F., Fain J., Pilleyre T., and Sanzelle S. (2001) Fluid inclusions in quartz: interference with thermoluminescence and its application to dating. *Quaternary Science Reviews* 20(5-9), 901-905.

Molodkov A. (2001) ESR dating evidence for early man at a Lower Palaeolithic cave-site in the Northern Caucasus as derived from terrestrial mollusc shells. *Quaternary Science Reviews* 20(5-9), 1051-1055.

Murray A. S. and Clemmensen L. B. (2001) Luminescence dating of Holocene aeolian sand movement, Thy, Denmark. *Quaternary Science Reviews* 20(5-9), 751-754.

Ninagawa K., Kitahara T., Toyoda S., Hayashi K., Nishido H., Kinjo M., and Kawana T. (2001) Thermoluminescence dating of the Ryukyu Limestone. *Quaternary Science Reviews* 20(5-9), 829-833.

Pike A. W. G. and Hedges R. E. M. (2001) Sample geometry and U uptake in archaeological teeth: implications for U-series and ESR dating. *Quaternary Science Reviews* 20(5-9), 1021-1025.

Porat N., Zilberman E., Amit R., and Enzel Y. (2001) Residual ages of modern sediments in an hyperarid region, Israel. *Quaternary Science Reviews* 20(5-9), 795-798.

Price D. M., Brooke B. P., and Woodroffe C. D. (2001) Thermoluminescence dating of aeolianites from Lord Howe Island and South-West Western Australia. *Quaternary Science Reviews* 20(5-9), 841-846.

Radtke U., Janotta A., Hilgers A., and Murray A. S. (2001) The potential of OSL and TL for dating Late glacial and Holocene dune sands tested with independent age control of the Laacher See tephra (12 880 a) at the Section 'Mainz-Gonsenheim'. *Quaternary Science Reviews* 20(5-9), 719-724.

Rich J. and Stokes S. (2001) Optical dating of geoarchaeologically significant sites from the Southern High Plains and South Texas, USA. *Quaternary Science Reviews* 20(5-9), 949-959.

Richardson C. A. (2001) Residual luminescence signals in modern coastal sediments. *Quaternary Science Reviews* 20(5-9), 887-892.

Rink W. J. and Pieper K. D. (2001) Quartz thermoluminescence in a storm deposit and a welded beach ridge. *Quaternary Science Reviews* 20(5-9), 815-820.

Roberts H. M. and Wintle A. G. (2001) Equivalent dose determinations for polymimetic fine-grains using the SAR protocol: application to a Holocene sequence of the Chinese Loess Plateau. *Quaternary Science Reviews* 20(5-9), 859-863.

Rogue C., Guibert P., Vartanian E., Bechtel F., and Schvoerer M. (2001) Thermoluminescence-dating of calcite: study of heated limestone fragments from Upper Paleolithic layers at Combe Sauniere, Dordogne, France. *Quaternary Science Reviews* 20(5-9), 935-938.

Sanderson D. C. W., Bishop P., Houston I., and Boonsener M. (2001) Luminescence characterisation of quartz-rich cover sands from NE Thailand. *Quaternary Science Reviews* 20(5-9), 893-900.

Schellmann G. and Radtke U. (2001) Progress in ESR dating of Pleistocene corals - a new approach for D-E determination. *Quaternary Science Reviews* 20(5-9), 1015-1020.

- Schwarcz H. P. and Rink W. J. (2001) Skinflint dating. *Quaternary Science Reviews* 20(5-9), 1047-1050.
- Shlukov A. I., Usova M. G., Voskovskaya L. T., and Shakovets S. A. (2001) New dating techniques for Quaternary sediments and their application on the Russian Plain. *Quaternary Science Reviews* 20(5-9), 875-878.
- Skinner A. R., Chasteen N. D., Shao J. L., and Blackwell B. A. B. (2001) Q-band studies of the ESR signal in tooth enamel. *Quaternary Science Reviews* 20(5-9), 1027-1030.
- Sommerville A. A., Sanderson D. C. W., Hansom J. D., and Housley R. A. (2001) Luminescence dating of aeolian sands from archaeological sites in Northern Britain: a preliminary study. *Quaternary Science Reviews* 20(5-9), 913-919.
- Spooner N. A., Olley J. M., Questiaux D. G., and Chen X. Y. (2001) Optical dating of an aeolian deposit on the Murrumbidgee floodplain. *Quaternary Science Reviews* 20(5-9), 835-840.
- Stokes S., Bray H. E., and Blum M. D. (2001) Optical resetting in large drainage basins: tests of zeroing assumptions using single-aliquot procedures. *Quaternary Science Reviews* 20(5-9), 879-885.
- Strickertsson K., Murray A. S., and Lykke-Andersen H. (2001) Optically stimulated luminescence dates for Late Pleistocene Sediments from Stensnaes, Northern Jutland, Denmark. *Quaternary Science Reviews* 20(5-9), 755-759.
- Tanaka K., Hataya R., Spooner N. A., and Questiaux D. G. (2001) Optical dating of river terrace sediments from Kanto plains, Japan. *Quaternary Science Reviews* 20(5-9), 825-828.
- Tiemei C., Qi C., Quan Y., and Hu Y. Q. (2001) The problems in ESR dating of tooth enamel of Early Pleistocene and the age of Longgupo hominid, Wushan, China. *Quaternary Science Reviews* 20(5-9), 1041-1045.
- Toyoda S., Rink W. J., Yonezawa C., Matsue H., and Kagami T. (2001) In situ production of alpha particles and alpha recoil particles in quartz applied to ESR studies of oxygen vacancies. *Quaternary Science Reviews* 20(5-9), 1057-1061.
- Valladas H., Mercier N., Froget L., Joron J. L., Reyss J. L., and Aubry T. (2001) TL dating of Upper Palaeolithic sites in the Coa Valley (Portugal). *Quaternary Science Reviews* 20(5-9), 939-943.
- Watanuki T. and Tsukamoto S. (2001) A comparison of GLSL, IRSL and TL dating methods using loess deposits from Japan and China. *Quaternary Science Reviews* 20(5-9), 847-851.
- Woda C., Mangini A., and Wagner G. A. (2001) ESR dating of xenolithic quartz in volcanic rocks. *Quaternary Science Reviews* 20(5-9), 993-998.
- Zhou L. P. and Shackleton N. J. (2001) Photon-stimulated luminescence of quartz from loess and effects of sensitivity change on palaeodose determination. *Quaternary Science Reviews* 20(5-9), 853-857.
- Papers from Rome LED99 volume of Radiation Measurements in alphabetical order**
- Adamiec G. (2000) Variations in luminescence properties of single quartz grains and their consequences for equivalent dose estimation. *Radiation Measurements* 32(5-6), 427-432.
- Akselrod M. S., Larsen N. A., 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(3), 215-225.
- Armitage S. J., Duller G. A. T., and Wintle A. G. (2000) Quartz from southern Africa: sensitivity changes as a result of thermal pretreatment. *Radiation Measurements* 32(5-6), 571-577.

- Bailey R. M. (2000) Circumventing possible inaccuracies of the single aliquot regeneration method for the optical dating of quartz. *Radiation Measurements* 32(5-6), 833-840.
- Bailey R. M. (2000) The interpretation of quartz optically stimulated luminescence equivalent dose versus time plots. *Radiation Measurements* 32(2), 129-140.
- Bailey R. M. (2000) The slow component of quartz optically stimulated luminescence. *Radiation Measurements* 32(3), 233-246.
- Bailey R. M., Adamiec G., and Rhodes E. J. (2000) OSL properties of NaCl relative to dating and dosimetry. *Radiation Measurements* 32(5-6), 717-723.
- Bailiff I. K. (2000) Characteristics of time-resolved luminescence in quartz. *Radiation Measurements* 32(5-6), 401-405.
- Bailiff I. K., Bøtter-Jensen L., Correcher V., Delgado A., Goksu H. Y., Jungner H., and Petrov S. A. (2000) Absorbed dose evaluations in retrospective dosimetry: methodological developments using quartz. *Radiation Measurements* 32(5-6), 609-613.
- Bailiff I. K. and Holland N. (2000) Dating bricks of the last two millennia from Newcastle upon Tyne: a preliminary study. *Radiation Measurements* 32(5-6), 615-619.
- Barnett S. M. (2000) Sampling pottery in luminescence dating studies. *Radiation Measurements* 32(5-6), 467-472.
- Bortolot V. J. (2000) A new modular high capacity OSL reader system. *Radiation Measurements* 32(5-6), 751-757.
- Bøtter-Jensen L., Bulur E., Duller G. A. T., and Murray A. S. (2000) Advances in luminescence instrument systems. *Radiation Measurements* 32(5-6), 523-528.
- Bøtter-Jensen L., Solongo S., Murray A. S., Banerjee D., and Jungner H. (2000) Using the OSL single-aliquot regenerative-dose protocol with quartz extracted from building materials in retrospective dosimetry. *Radiation Measurements* 32(5-6), 841-845.
- Brennan B. J. (2000) Systematic underestimation of the age of samples with saturating exponential behaviour and inhomogeneous dose distribution. *Radiation Measurements* 32(5-6), 731-734.
- Brennan B. J., Prestwich W. V., Rink W. J., Marsh R. E., and Schwarcz H. P. (2000) Alpha and beta dose gradients in tooth enamel. *Radiation Measurements* 32(5-6), 759-765.
- Bulur E. (2000) A simple transformation for converting CW-OSL curves to LM-OSL curves. *Radiation Measurements* 32(2), 141-145.
- Bulur E., Bøtter-Jensen L., and Murray A. S. (2000) Optically stimulated luminescence from quartz measured using the linear modulation technique. *Radiation Measurements* 32(5-6), 407-411.
- Chen G., Li S. H., and Murray A. S. (2000) Study of the 110 degrees C TL peak sensitivity in optical dating of quartz. *Radiation Measurements* 32(5-6), 641-645.
- Chen R., Leung P. L., and Stokes M. J. (2000) Apparent anomalous fading of thermoluminescence associated with competition with radiationless transitions. *Radiation Measurements* 32(5-6), 505-511.
- Chithambo M. L. and Galloway R. B. (2000) On luminescence lifetimes in quartz. *Radiation Measurements* 32(5-6), 621-626.
- Chithambo M. L. and Galloway R. B. (2000) Temperature dependence of luminescence time-resolved spectra from quartz. *Radiation Measurements* 32(5-6), 627-632.

- Correcher V., Garcia-Guinea J., and Delgado A. (2000) Influence of preheating treatment on the luminescence properties of adularia feldspar ( $KAlSi_3O_8$ ). *Radiation Measurements* 32(5-6), 709-715.
- Debuyst R., Frechen M., and Idrissi S. (2000) Problems encountered in a TL and ESR study of natural monohydrocalcite. *Radiation Measurements* 32(5-6), 725-729.
- Duller G. A. T., Bøtter-Jensen L., and Murray A. S. (2000) Optical dating of single sand-sized grains of quartz: sources of variability. *Radiation Measurements* 32(5-6), 453-457.
- Erfurt G., Krbetschek M. R., Trautmann T., and Stolz W. (2000) Radioluminescence (RL) behaviour of  $Al_2O_3$  : C-potential for dosimetric applications. *Radiation Measurements* 32(5-6), 735-739.
- Fattah M. and Stokes S. (2000) Extending the time range of luminescence dating using red TL (RTL) from volcanic quartz. *Radiation Measurements* 32(5-6), 479-485.
- Fattibene P., Aragno D., Onori S., and Pressello M. C. (2000) Thermal induced EPR signals in tooth enamel. *Radiation Measurements* 32(5-6), 793-798.
- Franklin A. D., Prescott J. R., and Robertson G. B. (2000) Comparison of blue and red TL from quartz. *Radiation Measurements* 32(5-6), 633-639.
- Galloway R. B. (2000) The initial rate of loss of luminescence due to infrared stimulation of K-feldspars. *Radiation Measurements* 32(5-6), 703-707.
- Grun R. (2000) Methods of dose determination using ESR spectra of tooth enamel. *Radiation Measurements* 32(5-6), 767-772.
- Habermann J., Schilles T., Kalchgruber R., and Wagner G. A. (2000) Steps towards surface dating using luminescence. *Radiation Measurements* 32(5-6), 847-851.
- Han Z. Y., Li S. H., and Tso M. Y. W. (2000) Effects of annealing on TL sensitivity of granitic quartz. *Radiation Measurements* 32(3), 227-231.
- Hayes R. B. and Haskell E. H. (2000) A method for identification of interfering signals in EPR dating of tooth enamel. *Radiation Measurements* 32(5-6), 781-785.
- Krbetschek M. R. and Trautmann T. (2000) A spectral radioluminescence study for dating and dosimetry. *Radiation Measurements* 32(5-6), 853-857.
- Krbetschek M. R., Trautmann T., Dietrich A., and Stolz W. (2000) Radioluminescence dating of sediments: methodological aspects. *Radiation Measurements* 32(5-6), 493-498.
- Kuhn R., Trautmann T., Singhvi A. K., Krbetschek M. R., Wagner G. A., and Stolz W. (2000) A study of thermoluminescence emission spectra and optical stimulation spectra of quartz from different provenances. *Radiation Measurements* 32(5-6), 653-657.
- Kuhns C. K., Larsen N. A., and McKeever S. W. S. (2000) Characteristics of LM-OSL from several different types of quartz. *Radiation Measurements* 32(5-6), 413-418.
- Lamothe M. and Auclair M. (2000) The fadia method: a new approach in luminescence dating using the analysis of single feldspar grains. *Radiation Measurements* 32(5-6), 433-438.
- Larsen N. A., Bulur E., Bøtter-Jensen L., and McKeever S. W. S. (2000) Use of the LM-OSL technique for the detection of partial bleaching in quartz. *Radiation Measurements* 32(5-6), 419-425.

- Lepper K., Larsen N. A., and McKeever S. W. S. (2000) Equivalent dose distribution analysis of Holocene eolian and fluvial quartz sands from Central Oklahoma. *Radiation Measurements* 32(5-6), 603-608.
- Malmberg R. and Radtke U. (2000) The alpha-efficiency of corals and its importance for ESR-dating. *Radiation Measurements* 32(5-6), 747-750.
- Marsh R. E. and Rink W. J. (2000) Beta-gradient isochron dating of thin tooth enamel layers using ESR. *Radiation Measurements* 32(5-6), 567-570.
- Martini M., Meinardi F., and Vedda A. (2000) The role of alkali ions in the 190 K TSL peak in quartz. *Radiation Measurements* 32(5-6), 673-677.
- McCoy D. G., Prescott J. R., and Nation R. J. (2000) Some aspects of single-grain luminescence dating. *Radiation Measurements* 32(5-6), 859-864.
- Murray A. S. and Wintle A. G. (2000) Application of the single-aliquot regenerative-dose protocol to the 375 degrees C quartz TL signal. *Radiation Measurements* 32(5-6), 579-583.
- Murray A. S. and Wintle A. G. (2000) Luminescence dating of quartz using an improved single-aliquot regenerative-dose protocol. *Radiation Measurements* 32(1), 57-73.
- Niedermayer M., Goksu H. Y., Dalheimer A., and Bayer A. (2000) Infrared (IR) stimulated luminescence from modern bricks in retrospective dosimetry applications. *Radiation Measurements* 32(5-6), 825-832.
- Onori S., Aragno D., Fattibene P., Petetti E., and Pressello M. C. (2000) ISS protocol for EPR tooth dosimetry. *Radiation Measurements* 32(5-6), 787-792.
- Pagonis V. and Shannon C. (2000) An improved experimental procedure of separating a composite thermoluminescence glow curve into its components. *Radiation Measurements* 32(5-6), 805-812.
- Rambaud X., Fain J., Miallier D., Pilleyre T., and Sanzelle S. (2000) Annual dose assessment for luminescence and ESR dating: evaluation of nuclides mobility. *Radiation Measurements* 32(5-6), 741-746.
- Rhodes E. J. (2000) Observations of thermal transfer OSL signals in glacigenic quartz. *Radiation Measurements* 32(5-6), 595-602.
- Richardson C. A. (2000) Preheat-induced signal enhancement in the infrared stimulated luminescence of young and bleached sediment samples. *Radiation Measurements* 32(5-6), 541-547.
- Roberts R. G., Galbraith R. F., Yoshida H., Laslett G. M., and Olley J. M. (2000) Distinguishing dose populations in sediment mixtures: a test of single-grain optical dating procedures using mixtures of laboratory-dosed quartz. *Radiation Measurements* 32(5-6), 459-465.
- Robertson S. and Grun R. (2000) Dose determination on tooth enamel fragments from two human fossils. *Radiation Measurements* 32(5-6), 773-779.
- Schilles T. and Habermann J. (2000) Radioluminescence dating: the IR emission of feldspar. *Radiation Measurements* 32(5-6), 679-683.
- Sholom S. V., Haskell E. H., Hayes R. B., Chumak V. V., and Kenner G. H. (2000) EPR-dosimetry with carious teeth. *Radiation Measurements* 32(5-6), 799-803.
- Short M. A. and Huntley D. J. (2000) Crystal anisotropy effects in optically stimulated luminescence of a K-feldspar. *Radiation Measurements* 32(5-6), 865-871.

- Singarayer J. S., Bailey R. M., and Rhodes E. J. (2000) Potential of the slow component of quartz OSL for age determination of sedimentary samples. *Radiation Measurements* 32(5-6), 873-880.
- Spooner N. A. (2000) A photon-counting imaging system (PCIS) for luminescence applications. *Radiation Measurements* 32(5-6), 513-521.
- Spooner N. A. and Allsop A. (2000) The spatial variation of dose-rate from Sr-90/Y-90 beta sources for use in luminescence dating. *Radiation Measurements* 32(1), 49-56.
- Spooner N. A. and Questiaux D. G. (2000) Kinetics of red, blue and UV thermoluminescence and optically-stimulated luminescence from quartz. *Radiation Measurements* 32(5-6), 659-666.
- Stokes S., Colls A. E. L., Fattahi M., and Rich J. (2000) Investigations of the performance of quartz single aliquot D-E determination procedures. *Radiation Measurements* 32(5-6), 585-594.
- Tani A., Yamanaka C., Ikeya M., Ohtaka O., Takada M., and Katsura T. (2000) Optically stimulated luminescence (OSL) study of synthetic stishovite. *Radiation Measurements* 32(5-6), 473-477.
- Toyoda S., Rink W. J., Schwarcz H. P., and Rees-Jones J. (2000) Crushing effects on TL and OSL on quartz: relevance to fault dating. *Radiation Measurements* 32(5-6), 667-672.
- Trautmann T., Krbetschek M. R., Dietrich A., and Stolz W. (2000) The basic principle of radioluminescence dating and a localized transition model. *Radiation Measurements* 32(5-6), 487-492.
- Trautmann T., Krbetschek M. R., and Stolz W. (2000) A systematic study of the radioluminescence properties of single feldspar grains. *Radiation Measurements* 32(5-6), 685-690.
- Truscott A. J., Duller G. A. T., Bøtter-Jensen L., Murray A. S., and Wintle A. G. (2000) Reproducibility of optically stimulated luminescence measurements from single grains of Al<sub>2</sub>O<sub>3</sub> : C and annealed quartz. *Radiation Measurements* 32(5-6), 447-451.
- van Es H. J., den Hartog H. W., de Meijer R. J., Venema L. B., Donoghue J. F., and Rozendaal A. (2000) Assessment of the suitability of zircons for thermoluminescence dating. *Radiation Measurements* 32(5-6), 819-823.
- Vandenbergh D., De Corte F., and Van den haute P. (2000) Observations on the thermoluminescence signal induced by alpha radiation. *Radiation Measurements* 32(5-6), 813-817.
- Vartanian E., Guibert P., Rogue C., Bechtel F., and Schvoerer M. (2000) Changes in OSL properties of quartz by preheating: an interpretation. *Radiation Measurements* 32(5-6), 647-652.
- Visocekas R. (2000) Monitoring anomalous fading of TL of feldspars by using far-red emission as a gauge. *Radiation Measurements* 32(5-6), 499-504.
- Wallinga J., Murray A., and Duller G. (2000) Underestimation of equivalent dose in single-aliquot optical dating of feldspars caused by preheating. *Radiation Measurements* 32(5-6), 691-695.
- Wallinga J., Murray A., and Wintle A. (2000) The single-aliquot regenerative-dose (SAR) protocol applied to coarse-grain feldspar. *Radiation Measurements* 32(5-6), 529-533.
- Wieser A., Mehta K., Amira S., Aragno D., Bercea S., Brik A., Bugai A., Callens F., Chumak V., Ciesielski B., Debuyst R., Dubovsky S., Dului O. G., Fattibene P., Haskell E. H., Hayes R. B., Ignatiev E. A., Ivannikov A., Kirillov V., Kleschenko E., Nakamura N., Nather M., Nowak J., Onori S., Pass B., Pivovarov S., Romanyukha A., Scherbina O., Shames A. I., Sholom S., Skvortsov V., Stepanenko V., Tikounov D. D., and Toyoda S. (2000) The second international intercomparison on EPR tooth dosimetry. *Radiation Measurements* 32(5-6), 549-557.
- Wintle A. G. and Murray A. S. (2000) Quartz OSL: Effects of thermal treatment and their relevance to laboratory dating procedures. *Radiation Measurements* 32(5-6), 387-400.

Yoshida H., Roberts R. G., Olley J. M., Laslett G. M., and Galbraith R. F. (2000) Extending the age range of optical dating using single 'supergrains' of quartz. *Radiation Measurements* 32(5-6), 439-446.

Zimprich P. and Hille P. (2000) Investigations of the green- and infrared-stimulated luminescence using the recuperation effect. *Radiation Measurements* 32(5-6), 535-540.

Zimprich P. and Hille P. (2000) Recuperation of infrared stimulated luminescence of feldspars. *Radiation Measurements* 32(5-6), 697-701.