

Bibliography

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- Aitken M. J. (1999) Archaeological dating using physical phenomena. *Reports on Progress in Physics* **62**, 1333-1376.
- Barnett S. M. (2000) Luminescence dating of pottery from later prehistoric Britain. *Archaeometry* **42**, 431-457.
- Bensimon Y., Deroide B., Dijoux F., and Martineau M. (2000) Nature and thermal stability of paramagnetic defects in natural clay: a study by electron spin resonance. *Journal of Physics and Chemistry of Solids* **61**, 1623-1632.
- Berger G. W. and Anderson P. M. (2000) Extending the geochronometry of Arctic lake cores beyond the radiocarbon limit by using thermoluminescence. *Journal of Geophysical Research - Atmospheres* **105**, 15439-15455.
- Cechak T., Gerndt J., Kubelik M., Musilek L., and Pavlik M. (2000) Radiation methods in research of ancient monuments. *Applied Radiation and Isotopes* **53**, 565-570.
- Chitambo M. L. and Galloway R. B. (2000) A pulsed light-emitting-diode system for stimulation of luminescence. *Measurement Science and Technology* **11**, 418-424.
- Cook G. D., Price D. M., and Woodroffe C. D. (2000) Late Quaternary alluviation along intermittent streams in Kakadu National Park, Northern Territory. *Australian Geographer* **31**, 155-162.
- Costantini J. M., Brisard F., Biotteau G., Balanzat E., and Gervais B. (2000) Self-trapped exciton luminescence induced in alpha quartz by swift heavy ion irradiations. *Journal of Applied Physics* **88**, 1339-1345.
- El-Asmar H. M. and Wood P. (2000) Quaternary shoreline development: the northwestern coast of Egypt. *Quaternary Science Reviews* **19**, 1137-1149.
- Gillespie R. and Roberts R. G. (2000) On the reliability of age estimates for human remains at Lake Mungo. *Journal of Human Evolution* **38**, 727-732.
- Grün R. and Schwarcz H. P. (2000) Revised open system U-series/ESR age calculations for teeth from Stratum C at the Hoxnian Interglacial type locality. *Quaternary Science Reviews* **19**, 1151-1154.
- Grün R., Spooner N. A., Thorne A., Mortimer G., Simpson J. J., McCulloch M. T., Taylor L., and Curnoe D. (2000) Age of the Lake Mungo 3 skeleton, reply to Bowler & Magee and to Gillespie & Roberts. *Journal of Human Evolution* **38**, 733-741.
- Grün R., Tani A., Gurbanov A., Koschug D., Williams I., and Braun J. (1999) A new method for the estimation of cooling and denudation rates using paramagnetic centers in quartz: a case study on the Eldzhurtunskiy Granite, Caucasus. *Journal of Geophysical Research - Solid Earth* **104**, 17531-17549.
- Hashimoto T., Takano M., Yanagawa Y., and Tsuboi T. (2000) Radiation dosimetry using thermoluminescence from ceramic and glass samples at the JCO critical accident site. *Journal of Environmental Radioactivity* **50**, 97-105.
- Hong D. G., Galloway R., and Hashimoto T. (2000) Additive dose single and multiple aliquot methods of equivalent dose determination compared for quartz luminescence stimulated by green light. *Japanese Journal of Applied Physics* **39**(7A), 4209-4216.
- Juyal N., Raj R., Maurya D. M., Chamyal L. S., and Singhvi A. K. (2000) Chronology of Late Pleistocene environmental changes in the lower Mahi basin, western India. *Journal of Quaternary Science* **15**, 501-508.

- Kailath A. J., Rao T. K. G., Dhir R. P., Nambi K. S. V., Gogte V. D., and Singhvi A. K. (2000) Electron spin resonance characterization of calcretes from Thar desert for dating applications. *Radiation Measurements* **32**, 371-383.
- Kale V. S., Singhvi A. K., Mishra P. K., and Banerjee D. (2000) Sedimentary records and luminescence chronology of Late Holocene palaeofloods in the Luni River, Thar Desert, northwest India. *Catena* **40**, 337-358.
- Kawaguchi Y. (1999) Fractoluminescence in minerals. *Radiation Effects and Defects in Solids* **149**, 131-135.
- Mercier N., Valladas H., Froget L., Joron J. L., and Ronen A. (2000) TL dating of the lowest Paleolithic deposits of the Tabun Cave (Mt. Carmel, Israel). *Comptes Rendus de l'Académie des Sciences* **330**, 731-738.
- Michael C. T. and Zacharias N. (2000) A new technique for thick source alpha counting determination of U and Th. *Nuclear Instruments and Methods in Physics Research A* **439**, 167-177.
- Munro R. N., Morgan R. V. H., and Jobling W. J. (1997) Optical dating and landscape chronology at ad-Disa, Southern Jordan, and its potential. *Studies in the history and archaeology of Jordan* **VI**, 97-103.
- Munyikwa K., Van den Haute P., Vandenberghe D., and De Corte F. (2000) The age and palaeoenvironmental significance of the Kalahari Sands in western Zimbabwe: a thermoluminescence reconnaissance study. *Journal of African Earth Sciences* **30**, 941-956.
- Olley J. and Caitcheon G. (2000) Major element chemistry of sediments from the Darling-Barwon River and its tributaries: implications for sediment and phosphorus sources. *Hydrological Processes* **14**, 1159-1175.
- Poolton N. R. J., Smith G. M., Riedi P. C., Bulur E., Bøtter-Jensen L., Murray A. S., and Adrian M. (2000) Luminescence sensitivity changes in natural quartz induced by high temperature annealing: a high frequency EPR and OSL study. *Journal of Physics D - Applied Physics* **33**, 1007-1017.
- Richter D., Waiblinger J., Rink W. J., and Wagner G. A. (2000) Thermoluminescence, electron spin resonance and C-14-dating of the Late Middle and Early Upper Palaeolithic site of Geissenklosterle Cave in southern Germany. *Journal of Archaeological Science* **27**, 71-89.
- Sanzelle S., Pilleyre T., Montret M., Faïn J., Miallier D., Camus G., de Hervé A. D., and Defleur A. (2000) Thermoluminescence dating: study of a possible chronological correlation between the maar of La Vestide-du-Pal and a tephra layer from La Baume-Moula-Guercy (Ardèche, France). *Comptes Rendus de l'Académie des Sciences Série II* **330**, 541-546.
- Schwarcz H. P. and Rink W. J. (2000) ESR dating of the Die Kelders archaeological site. *Journal of Human Evolution* **38**, 121-128.
- Tanir G., Arıkan N., Sarer B., and Tel E. (2000) The application of the IRSL dating technique to feldspars from Kayseri-Turkey. *Journal of Environmental Radioactivity* **51**, 363-370.
- Trukhin A. N., Fitting H. J., Bafels T., and von Czarnowski A. (1999) Cathodoluminescence and IR absorption of oxygen deficient silica - influence of hydrogen treatment. *Radiation Effects and Defects in Solids* **149**, 61-68.
- Vanhaelewyn G., Callens F., and Grün R. (2000) EPR spectrum deconvolution and dose assessment of fossil tooth enamel using maximum likelihood common factor analysis. *Applied Radiation and Isotopes* **52**, 1317-1326.
- Wallinga J. and Duller G. A. T. (2000) The effect of optical absorption on the infrared stimulated luminescence age obtained on coarse-grain feldspar. *Quaternary Science Reviews* **19**, 1035-1042.
- Wu Z., Wang W., Tan H. H., and Xu F. Y. (2000) The age of the "old red sand" on the coasts of south Fujian and west Guangdong, China. *Chinese Science Bulletin* **45**, 1216-1221.

Zöller L. (2000) Chronology of upper Pleistocene "red silts" in the Siwalik system and constraints for the timing of the upper palaeolithic in Nepal. *Catena* **41**, 229-235.