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## Bibliography

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- Adamiec, G., Bailey, R. M., Wang, X. L., and Wintle, A. G. (2008). The mechanism of thermally transferred optically stimulated luminescence in quartz. *Journal of Physics D: Applied Physics* **41**, 135503.
- Adler, D. S., Bar-Yosef, O., Belfer-Cohen, A., Tushabramishvili, N., Boaretto, E., Mercier, N., Valladas, H., and Rink, W. J. (2008). Dating the demise: Neandertal extinction and the establishment of modern humans in the southern Caucasus. *Journal of Human Evolution* **55**, 817-833.
- Araujo, A. G. M., Feathers, J. K., Arroyo-Kalin, M., and Tizuka, M. M. (2008). Lapa das boleiras rockshelter: stratigraphy and formation processes at a paleoamerican site in Central Brazil. *Journal of Archaeological Science* **35**, 3186-3202.
- Atllhan, M. A., and Meriç, N. (2008). Luminescence dating of a geological sample from Denizli, Turkey. *Applied Radiation and Isotopes* **66**, 69-74.
- Ayliffe, L. K., Prideaux, G. J., Bird, M. I., Grün, R., Roberts, R. G., Gully, G. A., Jones, R., Fifield, L. K., and Cresswell, R. G. (2008). Age constraints on Pleistocene megafauna at Tight Entrance Cave in southwestern Australia. *Quaternary Science Reviews* **27**, 1784-1788.
- Balboul, M. R. (2008). Optical effects induced by gamma and UV irradiation in chalcogenic glass. *Radiation Measurements* **43**, 1360-1364.
- Barton, N., Bouzougar, A., Humphrey, L., Berridge, P., Collcutt, S., Gale, R., Parfitt, S., Parker, A., Rhodes, E., and Schwenninger, J. L. (2008). Human burial evidence from Hattab II Cave and the question of continuity in Late Pleistocene-Holocene mortuary practices in Northwest Africa. *Cambridge Archaeological Journal* **18**, 195-214.
- Bateman, M. D. (2008). Luminescence dating of periglacial sediments and structures. *Boreas* **37**, 574-588.
- Bateman, M. D., Carr, A. S., Murray-Wallace, C. V., Roberts, D. L., and Holmes, P. J. (2008). A dating intercomparison study on Late Stone Age coastal midden deposits, South Africa. *Geoarchaeology* **23**, 715-741.
- Berger, G. W., Pérez-González, A., Carbonell, E., Arsuaga, J. L., Bermúdez de Castro, J. M., and Ku, T. L. (2008). Luminescence chronology of cave sediments at the Atapuerca paleoanthropological site, Spain. *Journal of Human Evolution* **55**, 300-311.
- Bhosle, B., Parkash, B., Awasthi, A. K., Singh, S., and Khan, M. S. H. (2008). Role of extensional tectonics and climatic changes in geomorphological, pedological and sedimentary evolution of the Western Gangetic Plain (Himalayan Foreland Basin), India. *Himalayan Geology* **29**, 1-23.
- Bjørnsen, M., Clemmensen, L. B., Murray, A., and Pedersen, K. (2008). New evidence of the Littorina transgressions in the Kattegat: Optically Stimulated Luminescence dating of a beach ridge system on Anholt, Denmark. *Boreas* **37**, 157-168.
- Brooke, B., Lee, R., Cox, M., Olley, J., and Pietsch, T. (2008). Rates of shoreline progradation during the last 1700 years at Beachmere, Southeastern Queensland, Australia, based on optically stimulated luminescence dating of beach ridges. *Journal of Coastal Research* **24**, 640-648.
- Brooke, B., Preda, M., Lee, R., Cox, M., Olley, J., Pietsch, T., and Price, D. (2008). Development, composition and age of indurated sand layers in the Late Quaternary coastal deposits of northern Moreton Bay, Queensland. *Australian Journal of Earth Sciences* **55**, 141-157.

- Brooke, B., Ryan, D., Pietsch, T., Olley, J., Douglas, G., Packett, R., Radke, L., and Flood, P. (2008). Influence of climate fluctuations and changes in catchment land use on Late Holocene and modern beach-ridge sedimentation on a tropical macrotidal coast: Keppel Bay, Queensland, Australia. *Marine Geology* **251**, 195-208.
- Burrough, S. L., and Thomas, D. S. G. (2008). Late Quaternary lake-level fluctuations in the Mababe Depression: Middle Kalahari palaeolakes and the role of Zambezi inflows. *Quaternary Research* **69**, 388-403.
- Busschers, F. S., Van Balen, R. T., Cohen, K. M., Kasse, C., Weerts, H. J. T., Wallinga, J., and Bunnik, F. P. M. (2008). Response of the Rhine-Meuse fluvial system to Saalian ice-sheet dynamics. *Boreas* **37**, 377-398.
- Chen, F. H., Fan, Y. X., Chun, X., Madsen, D. B., Oviatt, C. G., Zhao, H., Yang, L. P., and Sun, Y. (2008). Preliminary research on Megalake Jilantai-Fletao in the arid areas of China during the Late Quaternary. *Chinese Science Bulletin* **53**, 1725-1739.
- Chen, J., Li, X., and Yang, Z. (2008). Baota landslide in the Three Gorges area and its OSL dating. *Environmental Geology* **54**, 417-425.
- Chrucińska, A., Jesionowski, B., Oczkowski, H., and Przegiętka, K. (2008). Using the TL single-aliquot regenerative-dose protocol for the verification of the chronology of the Teutonic Order castle in Malbork. *Geochronometria* **30**, 61-67.
- Clark, D., Dentith, M., Wyrwoll, K. H., Yanchou, L., Dent, V., and Featherstone, W. (2008). The Hyden fault scarp, Western Australia: paleoseismic evidence for repeated Quaternary displacement in an intracratonic setting. *Australian Journal of Earth Sciences* **55**, 379-395.
- Cortés-Sánchez, M., Morales-Muñiz, A., Simón-Vallejo, M. D., Bergadà-Zapata, M. M., Delgado-Huertas, A., López-García, P., López-Sáez, J. A., Lozano-Francisco, M. C., Riquelme-Cantal, J. A., Roselló-Izquierdo, E., Sánchez-Marco, A., and Vera-Peláez, J. L. (2008). Palaeoenvironmental and cultural dynamics of the coast of Málaga (Andalusia, Spain) during the Upper Pleistocene and early Holocene. *Quaternary Science Reviews* **27**, 2176-2193.
- Crouvi, O., Amit, R., Enzel, Y., Porat, N., and Sandler, A. (2008). Sand dunes as a major proximal dust source for late Pleistocene loess in the Negev Desert, Israel. *Quaternary Research* **70**, 275-282.
- Cunha, P. P., Martins, A. A., Huot, S., Murray, A., and Raposo, L. (2008). Dating the Tejo river lower terraces in the Ródão area (Portugal) to assess the role of tectonics and uplift. *Geomorphology* **102**, 43-54.
- de Moor, J. J. W., Kasse, C., van Balen, R., Vandenberghe, J., and Wallinga, J. (2008). Human and climate impact on catchment development during the Holocene - Geul River, the Netherlands. *Geomorphology* **98**, 316-339.
- Demuro, M., Roberts, R. G., Froese, D. G., Arnold, L. J., Brock, F., and Ramsey, C. B. (2008). Optically stimulated luminescence dating of single and multiple grains of quartz from perennially frozen loess in western Yukon Territory, Canada: Comparison with radiocarbon chronologies for the late Pleistocene Dawson tephra. *Quaternary Geochronology* **3**, 346-364.
- D'Oca, M. C., Bartolotta, A., Cammilleri, C., Giuffrida, S., Parlato, A., and Di Stefano, V. (2009). The additive dose method for dose estimation in irradiated oregano by thermoluminescence technique. *Food Control* **20**, 304-306.
- Doppes, D., Kempe, S., and Rosendahl, W. (2008). Dated paleontological cave sites of Central Europe from late Middle Pleistocene to early Upper Pleistocene (OIS 5 to OIS 8). *Quaternary International* **187**, 97-104.
- Duller, G. A. T. (2008). Single-grain optical dating of Quaternary sediments: why aliquot size matters in luminescence dating. *Boreas* **37**, 589-612.
- Enzel, Y., Amit, R., Dayan, U., Crouvi, O., Kahana, R., Ziv, B., and Sharon, D. (2008). The climatic and physiographic controls of the eastern Mediterranean over the late Pleistocene climates in the southern Levant and its neighboring deserts. *Global and Planetary Change* **60**, 165-192.

- Espinosa, G., Golzarri, J. I., Santiago, P., and Bogard, J. S. (2008). Optically stimulated luminescence response to ionizing radiation of red bricks ( $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$  and  $\text{Fe}_2\text{O}_3$ ) used as building materials. *Revista Mexicana De Fisica* **54**, 17-21.
- Falguères, C., Bahain, J.-J., Tozzi, C., Boschian, G., Dolo, J.-M., Mercier, N., Valladas, H., and Yokoyama, Y. (2008). ESR/U-series chronology of the Lower Palaeolithic palaeoanthropological site of Visogliano, Trieste, Italy. *Quaternary Geochronology* **3**, 390-398.
- Fanning, P. C., Holdaway, S. J., and Rhodes, E. J. (2008). A new geoarchaeology of Aboriginal artefact deposits in western NSW, Australia: establishing spatial and temporal geomorphic controls on the surface archaeological record. *Geomorphology* **101**, 524-532.
- Feathers, J. K., Johnson, J., and Kimbel, S. R. (2008). Luminescence dating of monumental stone architecture at Chavin de Huantar, Peru. *Journal of Archaeological Method and Theory* **15**, 266-296.
- Ferreira, S. R., and Chang, M. R. C. (2008). Thermoluminescence dating of Rio Claro and Piracununga Formations. *Rem-Revista Escola De Minas* **61**, 129-134.
- Fisher, T. G., Yansa, C. H., Lowell, T. V., Lepper, K., Hajdas, I., and Ashworth, A. (2008). The chronology, climate, and confusion of the Moorhead Phase of glacial Lake Agassiz: new results from the Ojata Beach, North Dakota, USA. *Quaternary Science Reviews* **27**, 1124-1135.
- Forman, S. L., Marín, L., Gomez, J., and Pierson, J. (2008). Late Quaternary eolian sand depositional record for southwestern Kansas: Landscape sensitivity to droughts. *Palaeogeography, Palaeoclimatology, Palaeoecology* **265**, 107-120.
- Forman, S. L., Sagintayev, Z., Sultan, M., Smith, S., Becker, R., Kendall, M., and Marin, L. (2008). The twentieth-century migration of parabolic dunes and wetland formation at Cape Cod National Sea Shore, Massachusetts, USA: landscape response to a legacy of environmental disturbance. *The Holocene* **18**, 765-774.
- Fuchs, M., and Buerkert, A. (2008). A 20 ka sediment record from the Hajar Mountain range in N-Oman, and its implication for detecting arid-humid periods on the southeastern Arabian Peninsula. *Earth and Planetary Science Letters* **265**, 546-558.
- Fuchs, M., Kandel, A. W., Conard, N. J., Walker, S. J., and Felix-Henningsen, P. (2008). Geoarchaeological and chronostratigraphical investigations of open-air sites in the Geelbek Dunes, South Africa. *Geoarchaeology* **23**, 425-449.
- Fuchs, M., and Owen, L. A. (2008). Luminescence dating of glacial and associated sediments: review, recommendations and future directions. *Boreas* **37**, 636-659.
- Fuchs, M., Rousseau, D.-D., Antoine, P., Hatté, C., Gauthier, C., Markovi, S., and Zoeller, L. (2008). Chronology of the Last Climatic Cycle (Upper Pleistocene) of the Surduk loess sequence, Vojvodina, Serbia. *Boreas* **37**, 66-73.
- Geyh, M. (2008). Selection of suitable data sets improves  $^{230}\text{Th}/\text{U}$  dates of dirty material. *Geochronometria* **30**, 69-77.
- Gronchi, C. C., Cecatti, S. G. P., Pinto, T. C. N. O., and Caldas, L. V. E. (2008). Optical decay of OSL signal of  $\text{Al}_2\text{O}_3:\text{C}$  detectors exposed to different light sources. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **266**, 2915-2917.
- Grün, R., Wells, R., Eggins, S., Spooner, N., Aubert, M., Brown, L., and Rhodes, E. (2008). Electron spin resonance dating of South Australian megafauna sites. *Australian Journal of Earth Sciences* **55**, 917 - 935.
- Hall, S. A., and Goble, R. J. (2008). Archaeological geology of the Mescalero Sands, Southeastern New Mexico. *Plains Anthropologist* **53**, 279-290.
- Hall, S. A., Goble, R. J., and Raymond, G. R. (2008). OSL ages of upper Quaternary eolian sand and paleosols, northwest Albuquerque Basin, New Mexico. *New Mexico Geology* **30**, 39-49.

- Hashimoto, T. (2008). An overview of red-thermoluminescence (RTL) studies on heated quartz and RTL application to dosimetry and dating. *Geochronometria* **30**, 9-16.
- Henriksen, M., Mangerud, J. A. N., Matiouchkov, A., Murray, A. S., Paus, A., and Svendsen, J. I. (2008). Intriguing climatic shifts in a 90 kyr old lake record from northern Russia. *Boreas* **37**, 20-37.
- Hoffecker, J. F., Holliday, V. T., Anikovich, M. V., Sinitsyn, A. A., Popov, V. V., Lisitsyn, S. N., Levkovskaya, G. M., Pospelova, G. A., Forman, S. L., and Giaccio, B. (2008). From the Bay of Naples to the River Don: the Campanian Ignimbrite eruption and the Middle to Upper Paleolithic transition in Eastern Europe. *Journal of Human Evolution* **55**, 858-870.
- Holdaway, S., Fanning, P., and Rhodes, E. (2008). Challenging intensification: human-environment interactions in the Holocene geoarchaeological record from western New South Wales, Australia. *The Holocene* **18**, 403-412.
- Holmes, P. J., Bateman, M. D., Thomas, D. S. G., Telfer, M. W., Barker, C. H., and Lawson, M. P. (2008). A Holocene-late Pleistocene aeolian record from lunette dunes of the western Free State panfield, South Africa. *The Holocene* **18**, 1193-1205.
- Hong, D. G., and Choi, J. H. (2008). Investigations on standardized growth curve (SGC) procedure for optical dating of heated quartz. *Journal of Radioanalytical and Nuclear Chemistry* **275**, 613-617.
- Houmark-Nielsen, M. (2008). Testing OSL failures against a regional Weichselian glaciation chronology from southern Scandinavia. *Boreas* **37**, 660-677.
- Hughes, P. D., and Woodward, J. C. (2008). Timing of glaciation in the Mediterranean mountains during the last cold stage. *Journal of Quaternary Science* **23**, 575-588.
- Ivy-Ochs, S., Kerschner, H., Reuther, A., Preusser, F., Heine, K., Maisch, M., Kubik, P. W., and Schlüchter, C. (2008). Chronology of the last glacial cycle in the European Alps. *Journal of Quaternary Science* **23**, 559-573.
- Jacobs, Z. (2008). Luminescence chronologies for coastal and marine sediments. *Boreas* **37**, 508-535.
- Jacobs, Z., Roberts, R. G., Galbraith, R. F., Deacon, H. J., Grün, R., Mackay, A., Mitchell, P., Vogelsang, R., and Wadley, L. (2008). Ages for the Middle Stone Age of southern Africa: implications for human behavior and dispersal. *Science* **322**, 733-735.
- Jaiswal, M., Srivastava, P., Tripathi, J., and Islam, R. (2008). Feasibility of the SAR technique on quartz sand of terraces of NW Himalaya: a case study from Devprayag. *Geochronometria* **31**, 45-52.
- Johannessen, P. N., Nielsen, L. H., Nielsen, L., Moller, I., Pejrup, M., Andersen, T. J., Korshøj, J., Larsen, B., and Piasecki, S. (2008). Sedimentary facies and architecture of the Holocene to Recent Romo barrier island in the Danish Wadden Sea. *Geological Survey of Denmark and Greenland Bulletin*, 49-52.
- Juyal, N., Pant, R. K., Basavaiah, N., Bhushan, R., Jain, M., Saini, N. K., Yadava, M. G., and Singhvi, A. K. (2009). Reconstruction of Last Glacial to early Holocene monsoon variability from relict lake sediments of the Higher Central Himalaya, Uttrakhand, India. *Journal of Asian Earth Sciences* **34**, 437-449.
- Kale, Y. D., and Gandhi, Y. H. (2008). Influence of pre-measurement thermal treatment on OSL of synthetic quartz measured at room temperature. *Journal of Luminescence* **128**, 499-503.
- Kale, Y. D., Gandhi, Y. H., and Gartia, R. K. (2008). Dose-dependent optically stimulated luminescence of synthetic quartz at room temperature. *Journal of Luminescence* **128**, 1913-1916.
- Khan, H. M., and Bhatti, I. A. (2008). Thermoluminescence method for detection of irradiated black pepper. *Journal of the Chemical Society of Pakistan* **30**, 512-516.
- Kiyak, N., and Erturaç, M. (2008). Luminescence ages of feldspar contaminated quartz from fluvial terrace sediments. *Geochronometria* **30**, 55-60.

- Krbetschek, M. R., Degering, D., and Alexowsky, W. (2008). Infrared radiofluorescence ages (IR-RF) of Lower Saalian sediments from Central and Eastern Germany. *Zeitschrift Der Deutschen Gesellschaft für Geowissenschaften* **159**, 133-140.
- Lai, Z., and Brückner, H. (2008). Effects of feldspar contamination on equivalent dose and the shape of growth curve for OSL of silt-sized quartz extracted from Chinese loess. *Geochronometria* **30**, 49-53.
- Lancaster, N. (2008). Desert dune dynamics and development: insights from luminescence dating. *Boreas* **37**, 559-573.
- Lee, J., Kausar, T., Kim, B. K., and Kwon, J. H. (2008). Detection of gamma-irradiated sesame seeds before and after roasting by analyzing photostimulated luminescence, thermoluminescence, and electron spin resonance. *Journal of Agricultural and Food Chemistry* **56**, 7184-7188.
- Li, B., and Li, S. H. (2008). Investigations of the dose-dependent anomalous fading rate of feldspar from sediments. *Journal of Physics D: Applied Physics* **41**, doi:10.1088/0022-3727/41/22/225502.
- Li, B., Li, S. H., Wintle, A. G., and Zhao, H. (2008). Isochron dating of sediments using luminescence of K-feldspar grains. *Journal of Geophysical Research-Earth Surface* **113**.
- Li, B., Li, S.-H., and Wintle, A. (2008). Overcoming environmental dose rate changes in luminescence dating of waterlain deposits. *Geochronometria* **30**, 33-40.
- Lopez, G. I., and Rink, W. J. (2008). New quartz optical stimulated luminescence ages for beach ridges on the St. Vincent Island Holocene strandplain, Florida, United States. *Journal of Coastal Research* **24**, 49-62.
- López-García, J. M., Blain, H.-A., Cuenca-Bescós, G., and Arsuaga, J. L. (2008). Chronological, environmental, and climatic precisions on the Neanderthal site of the Cova del Gegant (Sitges, Barcelona, Spain). *Journal of Human Evolution* **55**, 1151-1155.
- Madole, R. F., Romig, J. H., Aleinikoff, J. N., VanSistine, D. P., and Yacob, E. Y. (2008). On the origin and age of the Great Sand Dunes, Colorado. *Geomorphology* **99**, 99-119.
- Maghrabi, M., Al-Jundi, J., and Arafah, D. E. (2008). Mixed- and general-order kinetics applied to selected thermoluminescence glow curves. *Radiat Prot Dosimetry* **130**, 291-299.
- Magilligan, F. J., Goldstein, P. S., Fisher, G. B., Bostick, B. C., and Manners, R. B. (2008). Late Quaternary hydroclimatology of a hyper-arid Andean watershed: Climate change, floods, and hydrologic responses to the El Niño-Southern Oscillation in the Atacama Desert. *Geomorphology* **101**, 14-32.
- Malik, J. N., Nakata, T., Philip, G., Suresh, N., and Virdi, N. S. (2008). Active fault and paleoseismic investigation: evidence of a historic earthquake along Chandigarh Fault in the Frontal Himalayan zone, NW India. *Himalayan Geology* **29**, 109-117.
- Meriç, N., Kosal, M., Altay Atlıhan, M., and Rabia Yüce, Ü. (2008). OSL properties of anthropological bone and tooth. *Radiation Physics and Chemistry* **77**, 685-689.
- Mishra, D. R., Kulkarni, M. S., Rawat, N. S., Muthe, K. P., Gupta, S. K., Bhatt, B. C., and Sharma, D. N. (2008). Non-linear light modulation OSL phenomenon. *Radiation Measurements* **43**, 1177-1186.
- Moller, P., Fedorov, G., Pavlov, M., Seidenkrantz, M. S., and Sparrenbom, C. (2008). Glacial and palaeoenvironmental history of the Cape Chelyuskin area, Arctic Russia. *Polar Research* **27**, 222-248.
- Moska, P., Poręba, G., Bluszcz, A., and Wiszniewska, A. (2008). Combined IRSL/OSL dating on fine grains from Lake Baikal sediments. *Geochronometria* **31**, 39-43.
- Mosquera, D., and Sánchez, J. (2008). A simple method to separate quartz and feldspar and its application to TL/OSL methods. *Geochronometria* **30**, 41-47.

- Muhs, D. R., Bettis, E. A., Aleinikoff, J. N., McGeehin, J. P., Beann, J., Skipp, G., Marshall, B. D., Roberts, H. M., Johnson, W. C., and Benton, R. (2008). Origin and paleoclimatic significance of late Quaternary loess in Nebraska: Evidence from stratigraphy, chronology, sedimentology, and geochemistry. *GSA Bulletin* **120**, 1378-1407.
- Munyikwa, K., Choi, J. H., Choi, K. H., Byun, J. M., Kim, J. W., and Park, K. (2008). Coastal dune luminescence chronologies indicating a mid-Holocene highstand along the east coast of the Yellow Sea. *Journal of Coastal Research* **24**, 92-103.
- Musilek, L., Polach, T., and Trojek, T. (2008). Analysis of potassium in bricks - Determining the dose rate from K-40 for thermoluminescence dating. *Natural Radiation Environment* **1034**, 347-350.
- Nanson, G. C., Price, D. M., Jones, B. G., Maroulis, J. C., Coleman, M., Bowman, H., Cohen, T. J., Pietsch, T. J., and Larsen, J. R. (2008). Alluvial evidence for major climate and flow regime changes during the middle and late Quaternary in eastern central Australia. *Geomorphology* **101**, 109-129.
- Nielsen, A. H., and Murray, A. S. (2008). The effects of Holocene podzolisation on radionuclide distributions and dose rates in sandy coastal sediments. *Geochronometria* **31**, 53-63.
- Ogundare, F. O., and Chithambo, M. L. (2008). The influence of optical bleaching on lifetimes and luminescence intensity in the slow component of optically stimulated luminescence of natural quartz from Nigeria. *Journal of Luminescence* **128**, 1561-1569.
- Okumura, T., Nishido, H., Toyoda, S., Kaneko, T., Kosugi, S., Sawada, Y., and Komuro, K. (2008). Evaluation of radiation-damage halos in quartz by cathodoluminescence as a geochronological tool. *Quaternary Geochronology* **3**, 342-345.
- Pagonis, V., Balsamo, E., Barnold, C., Duling, K., and McCole, S. (2008). Simulations of the predose technique for retrospective dosimetry and authenticity testing. *Radiation Measurements* **43**, 1343-1353.
- Pagonis, V., and Chen, R. (2008). Simulation of OSL pulse-annealing at different heating rates: conclusions concerning the evaluated trapping parameters and lifetimes. *Geochronometria* **30**, 1-7.
- Paiao, J. R. B., and Watanabe, S. (2008). Thermoluminescence, electron paramagnetic resonance and optical absorption in natural and synthetic rhodonite crystals. *Physics and Chemistry of Minerals* **35**, 535-544.
- Pawley, S. M., Bailey, R. M., Rose, J., Moorlock, B. S. P., Hamblin, R. J. O., Booth, S. J., and Lee, J. R. (2008). Age limits on Middle Pleistocene glacial sediments from OSL dating, north Norfolk, UK. *Quaternary Science Reviews* **27**, 1363-1377.
- Peresani, M., Cremaschi, M., Ferraro, F., Falguères, C., Bahain, J.-J., Gruppioni, G., Sibilia, E., Quarta, G., Calcagnile, L., and Dolo, J.-M. (2008). Age of the final Middle Palaeolithic and Uluzzian levels at Fumane Cave, Northern Italy, using  $^{14}\text{C}$ , ESR,  $^{234}\text{U}/^{230}\text{Th}$  and thermoluminescence methods. *Journal of Archaeological Science* **35**, 2986-2996.
- Pienaar, M., Woodborne, S., and Wadley, L. (2008). Optically stimulated luminescence dating at Rose Cottage Cave. *South African Journal of Science* **104**, 65-70.
- Pietsch, T. J., Olley, J. M., and Nanson, G. C. (2008). Fluvial transport as a natural luminescence sensitiser of quartz. *Quaternary Geochronology* **3**, 365-376.
- Pinhasi, R., Gasparian, B., Wilkinson, K., Bailey, R., Bar-Oz, G., Bruch, A., Chataigner, C., Hoffmann, D., Hovsepyan, R., Nahapetyan, S., Pike, A. W. G., Schreve, D., and Stephens, M. (2008). Hovk 1 and the Middle and Upper Paleolithic of Armenia: a preliminary framework. *Journal of Human Evolution* **55**, 803-816.
- Polikreti, K., and Christofides, C. (2008). Laser induced micro-photoluminescence of marble and application to authenticity testing of ancient objects. *Applied Physics a-Materials Science & Processing* **90**, 285-291.

- Polymeris, G. S., Kitis, G., Liolios, A. K., Sakalis, A., Zioutas, K., Anassontzis, E. G., and Tsirliganis, N. C. (2009). Luminescence dating of the top of a deep water core from the NESTOR site near the Hellenic Trench, east Mediterranean Sea. *Quaternary Geochronology* **4**, 68-81.
- Prescott, J. R., and Habermehl, M. A. (2008). Luminescence dating of spring mound deposits in the southwestern Great Artesian Basin, northern South Australia. *Australian Journal of Earth Sciences* **55**, 167-181.
- Prescott, J. R., and Robertson, G. B. (2008). Luminescence dating: an Australian perspective. *Australian Journal of Earth Sciences* **55**, 997 - 1007.
- Priori, S., Costantini, E. A. C., Capezzuoli, E., Protano, G., Hilgers, A., Sauer, D., and Sandrelli, F. (2008). Pedostratigraphy of Terra Rossa and Quaternary geological evolution of a lacustrine limestone plateau in central Italy. *Journal of Plant Nutrition and Soil Science-Zeitschrift Fur Pflanzenernährung Und Bodenkunde* **171**, 509-523.
- Pucci, S., De Martini, P. M., and Pantosti, D. (2008). Preliminary slip rate estimates for the Duzce segment of the North Anatolian Fault Zone from offset geomorphic markers. *Geomorphology* **97**, 538-554.
- Rajendran, C. P., Rajendran, K., Thakkar, M., and Goyal, B. (2008). Assessing the previous activity at the source zone of the 2001 Bhuj earthquake based on the near-source and distant paleoseismological indicators. *Journal of Geophysical Research-Solid Earth* **113**.
- Ramos, J., Bernal, D., Domínguez-Bella, S., Calado, D., Ruiz, B., Gil, M. J., Clemente, I., Durán, J. J., Vijande, E., and Chamorro, S. (2008). The Benzú rockshelter: a Middle Palaeolithic site on the North African coast. *Quaternary Science Reviews* **27**, 2210-2218.
- Ramzaev, V., Bøtter-Jensen, L., Thomsen, K. J., Andersson, K. G., and Murray, A. S. (2008). An assessment of cumulative external doses from Chernobyl fallout for a forested area in Russia using the optically stimulated luminescence from quartz inclusions in bricks. *Journal of Environmental Radioactivity* **99**, 1154-1164.
- Ranjbar, A. H., and Randle, K. (2008). Hyper pure quartz as a promising material for retrospective and radiation processing dosimetry using ESR technique. *Applied Radiation and Isotopes* **66**, 1240-1244.
- Rawling, J. E., Hanson, P. R., Young, A. R., and Attig, J. W. (2008). Late Pleistocene dune construction in the Central Sand Plain of Wisconsin, USA. *Geomorphology* **100**, 494-505.
- Richter, D., Tostevin, G., and Skrdla, P. (2008). Bohunician technology and thermoluminescence dating of the type locality of Brno-Bohunice (Czech Republic). *Journal of Human Evolution* **55**, 871-885.
- Ringrose, S., Huntsman-Mapila, P., Downey, W., Coetzee, S., Fey, M., Vanderpost, C., Vink, B., Kemosidile, T., and Kolokose, D. (2008). Diagenesis in Okavango fan and adjacent dune deposits with implications for the record of palaeo-environmental change in Makgadikgadi-Okavango-Zambezi basin, northern Botswana. *Geomorphology* **101**, 544-557.
- Rittenour, T. M. (2008). Luminescence dating of fluvial deposits: applications to geomorphic, palaeoseismic and archaeological research. *Boreas* **37**, 613-635.
- Roberts, H. M. (2008). The development and application of luminescence dating to loess deposits: a perspective on the past, present and future. *Boreas* **37**, 483-507.
- Roy, P. D., Nagar, Y. C., Juyal, N., Smykatz-Kloss, W., and Singhvi, A. K. (2009). Geochemical signatures of Late Holocene paleo-hydrological changes from Phulera and Pokharan saline playas near the eastern and western margins of the Thar Desert, India. *Journal of Asian Earth Sciences* **34**, 275-286.
- Sánchez, J., Mosquera, D., and Montero Fenollós, J. (2008). TL and OSL dating of sediment and pottery from two Syrian archaeological sites. *Geochronometria* **31**, 21-29.

- Sancho, C., Pena, J. L., Rivelli, F., Rhodes, E., and Munoz, A. (2008). Geomorphological evolution of the Tilcara alluvial fan (Jujuy Province, NW Argentina): Tectonic implications and palaeoenvironmental considerations. *Journal of South American Earth Sciences* **26**, 68-77.
- Sandhu, A. K., Singh, S., and Pandey, O. P. (2008). Gamma ray induced modifications of Quaternary silicate glasses. *Journal of Physics D: Applied Physics*, 165402.
- Schaetzl, R. J., and Forman, S. L. (2008). OSL ages on glaciofluvial sediment in northern Lower Michigan constrain expansion of the Laurentide ice sheet. *Quaternary Research* **70**, 81-90.
- Schirrmeister, L., Grosse, G., Kunitsky, V., Magens, D., Meyer, H., Dereviagin, A., Kuznetsova, T., Andreev, A., Babiy, O., Kienast, F., Grigoriev, M., Overduin, P. P., and Preusser, F. (2008). Periglacial landscape evolution and environmental changes of Arctic lowland areas for the last 60 000 years (western Laptev Sea coast, Cape Mamontov Klyk). *Polar Research* **27**, 249-272.
- Singh, V., Tandon, S. K., Singh, V., Mukul, M., and Thamo-Bozso, E. (2008). Geometry and development of the Jhajara thrust: An example of neotectonic activity in the Pinjaur Dun, NW Himalaya. *Current Science* **94**, 623-628.
- Singhvi, A. K., and Porat, N. (2008). Impact of luminescence dating on geomorphological and palaeoclimate research in drylands. *Boreas* **37**, 536-558.
- Srivastava, P., Tripathi, J. K., Islam, R., and Jaiswal, M. K. (2008). Fashion and phases of late Pleistocene aggradation and incision in the Alaknanda River Valley, western Himalaya, India. *Quaternary Research* **70**, 68-80.
- Stevens, T., Lu, H. Y., Thomas, D. S. G., and Armitage, S. J. (2008). Optical dating of abrupt shifts in the late Pleistocene East Asian monsoon. *Geology* **36**, 415-418.
- Stone, A. E. C., and Thomas, D. S. G. (2008). Linear dune accumulation chronologies from the southwest Kalahari, Namibia: challenges of reconstructing late Quaternary palaeoenvironments from aeolian landforms. *Quaternary Science Reviews* **27**, 1667-1681.
- Szkornik, K., Gehrels, W. R., and Murray, A. S. (2008). Aeolian sand movement and relative sea-level rise in Ho Bugt, western Denmark, during the 'Little Ice Age'. *Holocene* **18**, 951-965.
- Takeuchi, T., Shibutani, T., and Hashimoto, T. (2008). Construction of a portable mini luminescence-measurement system equipped with a miniature X-ray generator. *Geochronometria* **30**, 17-22.
- Tandon, S. K., Sinha, R., Giblings, M. R., Dasgupta, A. S., and Ghazanfari, P. (2008). Late Quaternary evolution of the Ganga plains: myths and misconceptions, recent developments and future directions. *Golden Jubilee Memoir of the Geological Society of India* **66**, 259-299.
- Temme, A. J. A. M., Baartman, J. E. M., Botha, G. A., Veldkamp, A., Jongmans, A. G., and Wallinga, J. (2008). Climate controls on late Pleistocene landscape evolution of the Okhombe valley, KwaZulu-Natal, South Africa. *Geomorphology* **99**, 280-295.
- Thomas, P. J., Murray, A. S., Granja, H. M., and Jain, M. (2008). Optical dating of late Quaternary coastal deposits in northwestern Portugal. *Journal of Coastal Research* **24**, 134-144.
- Thompson, J., and Schwarcz, H. P. (2008). Electron paramagnetic resonance dosimetry and dating potential of whewellite (calcium oxalate monohydrate). *Radiation Measurements* **43**, 1219-1225.
- Tissoux, H., Toyoda, S., Falguères, C., Voinchet, P., Takada, M., Bahain, J.-J., and Despriée, J. (2008). ESR dating of sedimentary quartz from two Pleistocene deposits using Al and Ti-centers. *Geochronometria* **30**, 23-31.
- Tooth, S., Jansen, J. D., Nanson, G. C., Coulthard, T. J., and Pietsch, T. (2008). Riparian vegetation and the late Holocene development of an anabranching river: Magela Creek, northern Australia. *Geological Society of America Bulletin* **120**, 1021-1035.

- Tsatskin, A., Gandler, T. S., Heller, F., and Ronen, A. (2008). Near-surface paleosols in coastal sands at the outlet of Hadera stream (Israel) in the light of archeology and luminescence chronology. *Journal of Plant Nutrition and Soil Science-Zeitschrift Fur Pflanzenernährung Und Bodenkunde* **171**, 524-532.
- Tsukamoto, S., Duller, G. A. T., and Wintle, A. G. (2008). Characteristics of thermally transferred optically stimulated luminescence (TT-OSL) in quartz and its potential for dating sediments. *Radiation Measurements* **43**, 1204-1218.
- Tuffreau, A., Lamotte, A., and Goval, É. (2008). Les industries acheuléennes de la France septentrionale. *L'Anthropologie* **112**, 104-139.
- Turney, C. S. M., Flannery, T. F., Roberts, R. G., Reid, C., Fifield, L. K., Higham, T. F. G., Jacobs, Z., Kemp, N., Colhoun, E. A., Kalin, R. M., and Ogle, N. (2008). Late-surviving megafauna in Tasmania, Australia, implicate human involvement in their extinction. *Proceedings of the National Academy of Sciences* **105**, 12150-12153.
- Valladas, H., Mercier, N., Ayliffe, L. K., Falguères, C., Bahain, J. J., Dolo, J. M., Froget, L., Joron, J. L., Masaoudi, H., Reyss, J. L., and Moncel, M. H. (2008). Radiometric dates for the Middle Palaeolithic sequence of Payre (Ardèche, France). *Quaternary Geochronology* **3**, 377-389.
- Vejnovic, Z., Pavlovic, M. B., and Davidovic, M. (2008). Thermoluminescence glow curve deconvolution function for the mixed-order kinetics. *Radiation Measurements* **43**, 1325-1330.
- Veres, D., Davies, S. M., Wohlfarth, B., Preusser, F., Wastegard, S., Ampel, L., Hormes, A., Possnert, G. R., Raynal, J.-P., and Vernet, G. R. (2008). Age, origin and significance of a new middle MIS 3 tephra horizon identified within a long-core sequence from Les Echets, France. *Boreas* **37**, 434-443.
- Veronese, I., Göksu, H. Y., Schwenk, P., and Herzig, F. (2008). Thermoluminescence dating of a mikveh in Ichhausen, Germany. *Journal of Environmental Radioactivity* **99**, 621-630.
- von Suchodoletz, H., Fuchs, M., and Zoller, L. (2008). Dating Saharan dust deposits on Lanzarote (Canary Islands) by luminescence dating techniques and their implication for palaeoclimate reconstruction of NW Africa. *Geochemistry Geophysics Geosystems* **9**.
- Wieder, M., Givitzman, G., Porat, N., and Dassa, M. (2008). Paleosols of the southern coastal plain of Israel. *Journal of Plant Nutrition and Soil Science-Zeitschrift Fur Pflanzenernährung Und Bodenkunde* **171**, 533-541.
- Wilson, P., Vincent, P. J., Telfer, M. W., and Lord, T. C. (2008). Optically stimulated luminescence (OSL) dating of loessic sediments and cemented scree in northwest England. *The Holocene* **18**, 1101-1112.
- Wintle, A. G. (2008). Luminescence dating of Quaternary sediments ( Introduction). *Boreas* **37**, 469-470.
- Wintle, A. G. (2008). Luminescence dating: where it has been and where it is going. *Boreas* **37**, 471-482.
- Yang, L., Chen, F., Chun, X., Fan, Y., Sun, Y., Madsen, D. B., and Zhang, X. (2008). The Jilantai Salt Lake shorelines in Northwestern arid China revealed by remote sensing images. *Journal of Arid Environments* **72**, 861-866.
- Yang, X., Zhu, B., Wang, X., Li, C., Zhou, Z., Chen, J., Wang, X., Yin, J., and Lu, Y. (2008). Late Quaternary environmental changes and organic carbon density in the Hunshandake Sandy Land, eastern Inner Mongolia, China. *Global and Planetary Change* **61**, 70-78.
- Yauri, J. M., Cano, N. F., and Watanabe, S. (2008). Thermoluminescence and optical absorption studies of natural grossular minerals. *Radiation Measurements* **43**, 1331-1336.
- Yauri, J. M., Cano, N. F., and Watanabe, S. (2008). TL, EPR and optical absorption in natural grossular crystal. *Journal of Luminescence* **128**, 1731-1737.

Yokoyama, Y., Falguères, C., Sémah, F., Jacob, T., and Grün, R. (2008). Gamma-ray spectrometric dating of late Homo erectus skulls from Ngandong and Sambungmacan, Central Java, Indonesia. *Journal of Human Evolution* **55**, 274-277.

Zacharias, N., Beltsios, K., Oikonomou, A., Karydas, A. G., Aravantinos, V., and Bassiakos, Y. (2008). Thermally and optically stimulated luminescence of an archaeological glass collection from Thebes, Greece. *Journal of Non-Crystalline Solids* **354**, 761-767.

Zacharias, N., Beltsios, K., Oikonomou, A., Karydas, A. G., Bassiakos, Y., Michael, C. T., and Zarkadas, C. (2008). Solid-state luminescence for the optical examination of archaeological glass beads. *Optical Materials* **30**, 1127-1133.

Zazo, C., Mercier, N., Lario, J., Roquero, E., Goy, J. L., Silva, P. G., Cabero, A., Borja, F., Dabrio, C. J., Bardaji, T., Soler, V., Garcia-Blazquez, A., and de Luque, L. (2008). Palaeoenvironmental evolution of the Barbate-Trafalgar coast (Cadiz) during the last similar to 140 ka: Climate, sea-level interactions and tectonics. *Geomorphology* **100**, 212-222.

Zhang, J. F., Yuan, B. Y., and Zhou, L. P. (2008). Luminescence chronology of "Old Red Sand" in Jinjiang and its implications for optical dating of sediments in South China. *Chinese Science Bulletin* **53**, 591-601.

Zhang, W., Niu, Y. B., Yan, L., Cui, Z. J., Li, C. C., and Mu, K. H. (2008). Late Pleistocene glaciation of the Changbai Mountains in northeastern China. *Chinese Science Bulletin* **53**, 2672-2684.

Zhang, Z. L., Liu, E. F., Zhang, Y., and Xin, L. J. (2008). Environmental evolution in the salt-water intrusion area south of Laizhou Bay since late Pleistocene. *Journal of Geographical Sciences* **18**, 37-45.

Zhou, Y. L., Lu, H. Y., Mason, J., Miao, X. D., Swinehart, J., and Goble, R. (2008). Optically stimulated luminescence dating of aeolian sand in the Otindag dune field and Holocene climate change. *Science in China Series D-Earth Sciences* **51**, 837-847.

#### A selection of papers from the Solid State Dosimetry conference held in Delft, July 2007

Ankjærgaard, C., Denby, P. M., Murray, A. S., and Jain, M. (2008). Charge movement in grains of quartz studied using exo-electron emission. *Radiation Measurements* **43**, 273-277.

Berger, T., and Hajek, M. (2008). TL-efficiency - Overview and experimental results over the years. *Radiation Measurements* **43**, 146-156.

Bergmann, R., Hajek, M., Fugger, M., and Vana, N. (2008). Comparative study of infrared-stimulated luminescent and thermoluminescent dating of archaeological artefacts. *Radiation Measurements* **43**, 781-785.

Buylaert, J. P., Murray, A. S., and Huot, S. (2008). Optical dating of an Eemian site in Northern Russia using K-feldspar. *Radiation Measurements* **43**, 715-720.

Chen, R., Pagonis, V., and Lawless, J. L. (2008). Duplicitous thermoluminescence peak associated with a thermal release of electrons and holes from trapping states. *Radiation Measurements* **43**, 162-166.

Chruscinska, A. (2008). The influence of trap coupling effect on the shape of optically stimulated luminescence decay. *Radiation Measurements* **43**, 213-217.

Dallas, G. I., Polymeris, G. S., Stefanaki, E. C., Afouxenidis, D., Tsirliganis, N. C., and Kitis, G. (2008). Sample dependent correlation between TL and LM-OSL in Al<sub>2</sub>O<sub>3</sub>:C. *Radiation Measurements* **43**, 335-340.

Damkjær, S. M. S., Andersen, C. E., and Aznar, M. C. (2008). Improved real-time dosimetry using the radioluminescence signal from Al<sub>2</sub>O<sub>3</sub>:C. *Radiation Measurements* **43**, 893-897.

- Fattibene, P., La Civita, S., De Coste, V., and Onori, S. (2008). Analysis of sources of uncertainty of tooth enamel EPR signal amplitude. *Radiation Measurements* **43**, 827-830.
- Favalli, A., Mehner, H. C., and Simonelli, F. (2008). Wide energy range efficiency calibration for a lanthanum bromide scintillation detector. *Radiation Measurements* **43**, 506-509.
- Godfrey-Smith, D. I. (2008). Toward in vivo OSL dosimetry of human tooth enamel. *Radiation Measurements* **43**, 854-858.
- Greibich, S., Murray, A. S., and Bøtter-Jensen, L. (2008). Simulation of electron transport during beta irradiation. *Radiation Measurements* **43**, 748-751.
- Güttler, A., and Wieser, A. (2008). EPR-dosimetry with tooth enamel for low doses. *Radiation Measurements* **43**, 819-822.
- Hong, D.-G., Song, K.-W., and Choi, J.-H. (2008). Tests preparatory to applying an SAR protocol to red emission quartz using thermoluminescence. *Radiation Measurements* **43**, 758-762.
- Jain, M., Choi, J. H., and Thomas, P. J. (2008). The ultrafast OSL component in quartz: Origins and implications. *Radiation Measurements* **43**, 709-714.
- Kars, R. H., Wallinga, J., and Cohen, K. M. (2008). A new approach towards anomalous fading correction for feldspar IRSL dating - tests on samples in field saturation. *Radiation Measurements* **43**, 786-790.
- Khoury, H. J., Guzzo, P. L., Souza, L. B. F., Farias, T. M. B., and Watanabe, S. (2008). TL dosimetry of natural quartz sensitized by heat-treatment and high dose irradiation. *Radiation Measurements* **43**, 487-491.
- Kitis, G., and Pagonis, V. (2008). Computerized curve deconvolution analysis for LM-OSL. *Radiation Measurements* **43**, 737-741.
- Kiyak, N. G., Polymeris, G. S., and Kitis, G. (2008). LM-OSL thermal activation curves of quartz: Relevance to the thermal activation of the 110 °C TL glow-peak. *Radiation Measurements* **43**, 263-268.
- Lai, Z., Brückner, H., Fülling, A., and Zöller, L. (2008). Effects of thermal treatment on the growth curve shape for OSL of quartz extracted from Chinese loess. *Radiation Measurements* **43**, 763-766.
- Lai, Z. P., Zöller, L., Fuchs, M., and Brückner, H. (2008). Alpha efficiency determination for OSL of quartz extracted from Chinese loess. *Radiation Measurements* **43**, 767-770.
- Murray, A., Buylaert, J.-P., Henriksen, M., Svendsen, J.-I., and Mangerud, J. (2008). Testing the reliability of quartz OSL ages beyond the Eemian. *Radiation Measurements* **43**, 776-780.
- Olkó, P., Czopyk, L., Kłosowski, M., and Waligórski, M. P. R. (2008). Thermoluminescence dosimetry using TL-readers equipped with CCD cameras. *Radiation Measurements* **43**, 864-869.
- Pagonis, V., Wintle, A. G., Chen, R., and Wang, X. L. (2008). A theoretical model for a new dating protocol for quartz based on thermally transferred OSL (TT-OSL). *Radiation Measurements* **43**, 704-708.
- Pinto, T. N. O., Cecatti, S. G. P., Gronchi, C. C., and Caldas, L. V. E. (2008). Application of the OSL technique for beta dosimetry. *Radiation Measurements* **43**, 332-334.
- Sawakuchi, G. O., Yukihara, E. G., McKeever, S. W. S., and Benton, E. R. (2008). Optically stimulated luminescence fluence response of Al<sub>2</sub>O<sub>3</sub>:C dosimeters exposed to different types of radiation. *Radiation Measurements* **43**, 450-454.
- Tanaka, Y., Taniguchi, R., Kojima, T., and Okuda, S. (2008). TL imaging system by using a two-dimensional photon counter. *Radiation Measurements* **43**, 986-989.

- Thomsen, K. J., Bøtter-Jensen, L., Jain, M., Denby, P. M., and Murray, A. S. (2008). Recent instrumental developments for trapped electron dosimetry. *Radiation Measurements* **43**, 414-421.
- Thomsen, K. J., Jain, M., Murray, A. S., Denby, P. M., Roy, N., and Bøtter-Jensen, L. (2008). Minimizing feldspar OSL contamination in quartz UV-OSL using pulsed blue stimulation. *Radiation Measurements* **43**, 752-757.
- Tsukamoto, S., and Duller, G. A. T. (2008). Anomalous fading of various luminescence signals from terrestrial basaltic samples as Martian analogues. *Radiation Measurements* **43**, 721-725.
- Vandenbergh, D., De Corte, F., Buylaert, J. P., Kucera, J., and Van den haute, P. (2008). On the internal radioactivity in quartz. *Radiation Measurements* **43**, 771-775.
- Wallinga, J., Bos, A. J. J., and Duller, G. A. T. (2008). On the separation of quartz OSL signal components using different stimulation modes. *Radiation Measurements* **43**, 742-747.
- Wieser, A., Fattibene, P., Shishkina, E. A., Ivanov, D. V., De Coste, V., Güttler, A., and Onori, S. (2008). Assessment of performance parameters for EPR dosimetry with tooth enamel. *Radiation Measurements* **43**, 731-736.
- Zacharias, N., Kabouroglou, E., Bassiakos, Y., and Michael, C. T. (2008). Dating and analysis of speleosediments from Aridaia at Macedonia, Greece. *Radiation Measurements* **43**, 791-796.