
Ancient TL

www.ancienttl.org · ISSN: 2693-0935

Ancient TL, 2012. *Bibliography*. Ancient TL 30(1): 31-38. <https://doi.org/10.26034/la.atl.2012.461>

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Bibliography

Compiled by Daniel Richter

From 1st November 2011 to 31st May 2012

- Abafoni, J. D., Mallam, S. P., and Akpa, T. C. (2012). Comparison of OSL and ITL measurements on quartz grains extracted from sediments of the Chad Basin, N.E. Nigeria. *Research Journal of Applied Sciences* **6**, 483-486.
- Altay Atlıhan, M., Şahiner, E., and Soykal Alanyalı, F. (2012). Dose estimation and dating of pottery from Turkey. *Radiation Physics and Chemistry* **81**, 594-598.
- Amos, C. B., Lapwood, J. J., Nobes, D. C., Burbank, D. W., Rieser, U., and Wade, A. (2011). Palaeoseismic constraints on Holocene surface ruptures along the Ostler Fault, southern New Zealand. *New Zealand Journal of Geology and Geophysics* **54**, 367-378.
- Andreucci, S., Bateman, M. D., Zucca, C., Kapur, S., Aksit, İ., Dunajko, A., and Pascucci, V. (2012). Evidence of Saharan dust in upper Pleistocene reworked palaeosols of North-west Sardinia, Italy: palaeoenvironmental implications. *Sedimentology* **59**, 917-938.
- Anjar, J., Adrielsson, L., Bennike, O., Björck, S., Filipsson, H. L., Groeneveld, J., Knudsen, K. L., Larsen, N. K., and Möller, P. (2012). Palaeoenvironments in the southern Baltic Sea Basin during Marine Isotope Stage 3: a multi-proxy reconstruction. *Quaternary Science Reviews* **34**, 81-92.
- Athanassas, C., Bassiakos, Y., Wagner, G. A., and Timpson, M. E. (2012). Exploring paleogeographic conditions at two paleolithic sites in Navarino, southwest Greece, dated by optically stimulated luminescence. *Geoarchaeology* **27**, 237-258.
- Atkinson, O. A. C., Thomas, D. S. G., Goudie, A. S., and Parker, A. G. (2012). Holocene development of multiple dune generations in the northeast Rub' al-Khali, United Arab Emirates. *The Holocene* **22**, 179-189.
- Aubry, T., Dimuccio, L. A., Almeida, M., Buylaert, J.-P., Fontana, L., Higham, T., Liard, M., Murray, A. S., Neves, M. J., Peyrouse, J.-B., and Walter, B. (2012). Stratigraphic and technological evidence from the middle palaeolithic-Châtelperronian-Aurignacian record at the Bordes-Fitte rockshelter (Roches d'Abilly site, Central France). *Journal of Human Evolution* **62**, 116-137.
- Bateman, M. D., Bryant, R. G., Foster, I. D. L., Livingstone, I., and Parsons, A. J. (2012). On the formation of sand ramps: A case study from the Mojave Desert. *Geomorphology* **161-162**, 93-109.
- Beerten, K., Deforce, K., and Mallants, D. (2012). Landscape evolution and changes in soil hydraulic properties at the decadal, centennial and millennial scale: A case study from the Campine area, northern Belgium. *Catena* **95**, 73-84.
- Bennett, J. A., Brown, A. G., Schwenninger, J.-L., and Rhodes, E. J. (2011). Holocene channel changes and geoarchaeology of the Exe River, Devon, UK, and the floodplain paradox. In "Geoarchaeology, Climate Change, and Sustainability." (A. G. Brown, L. S. Basell, and K. W. Butzer, Eds.), pp. 135-152. Geological Society of America Special Papers **476**.
- Berner, Z. A., Bleeck-Schmidt, S., Stüben, D., Neumann, T., Fuchs, M., and Lehmann, M. (2012). Floodplain deposits: A geochemical archive of flood history – A case study on the River Rhine, Germany. *Applied Geochemistry* **27**, 543-561.
- Blättermann, M., Frechen, M., Gass, A., Hoelzmann, P., Parzinger, H., and Schütt, B. (2012). Late Holocene landscape reconstruction in the Land of Seven Rivers, Kazakhstan. *Quaternary International* **251**, 42-51.

- Blumer, B. E., Arbogast, A. F., and Forman, S. L. (2012). The OSL chronology of eolian sand deposition in a perched dune field along the northwestern shore of Lower Michigan. *Quaternary Research* **77**, 445-455.
- Bouvier, A., Pinto, G., Guibert, P., Nicolas-Méry, D., and Baylé, M. (2011). Luminescence dating applied to medieval architecture. The north east tower of the Avranches keep (Manche, France). In "ArchéoSciences." pp. 59-68.
- Brandes, C., Winsemann, J., Roskosch, J., Meinsen, J., Tanner, D. C., Frechen, M., Steffen, H., and Wu, P. (2012). Activity along the Osning Thrust in Central Europe during the Lateglacial: ice-sheet and lithosphere interactions. *Quaternary Science Reviews* **38**, 49-62.
- Briant, R. M., Kilfeather, A. A., Parfitt, S., Penkman, K. E. H., Preece, R. C., Roe, H. M., Schwenninger, J. L., Wenban-Smith, F. F., and Whittaker, J. E. (2012). Integrated chronological control on an archaeologically significant Pleistocene river terrace sequence: the Thames-Medway, eastern Essex, England. *Proceedings of the Geologists' Association* **123**, 87-108.
- Burbidge, C. I., Richter, D., Sanderson, D. C. W., and Housley, R. A. (2012). Luminescence analyses (OSL and TL) from Karabai I. In "Karabai I. The Palaeolithic Site in Eastern Crimea." (A. Yevtushenko, and V. Chabai, Eds.), pp. 23-34. Archaeological Almanac. Donbass, Donetsk.
- Burrough, S. L., Thomas, D. S. G., Bailey, R. M., and Davies, L. (2012). From landform to process: Morphology and formation of lake-bed barchan dunes, Makgadikgadi, Botswana. *Geomorphology* **161-162**, 1-14.
- Clark, D., Cupper, M., Sandiford, M., and Kiernan, K. (2011). Style and timing of late Quaternary faulting on the Lake Edgar fault, southwest Tasmania, Australia: Implications for hazard assessment in intracratonic areas. *Geological Society of America Special Papers* **479**, 109-131.
- Clemmensen, L. B., Murray, A. S., and Nielsen, L. (2012). Quantitative constraints on the sea-level fall that terminated the Littorina Sea Stage, southern Scandinavia. *Quaternary Science Reviews* **40**, 54-63.
- Cortes A, J., Gonzalez L, G., Binnie, S. A., Robinson, R., Freeman, S. P. H. T., and Vargas E, G. (2012). Paleoseismology of the Mejillones Fault, northern Chile: Insights from cosmogenic Be-10 and optically stimulated luminescence determinations. *Tectonics* **31**, TC2017.
- Costas, S., Jerez, S., Trigo, R. M., Goble, R., and Rebêlo, L. (2012). Sand invasion along the Portuguese coast forced by westerly shifts during cold climate events. *Quaternary Science Reviews* **42**, 15-28.
- Cserkés-Nagy, Á., Thamó-Bozsó, E., Tóth, T., and Sztanó, O. (2012). Reconstruction of a Pleistocene meandering river in East Hungary by VHR seismic images, and its climatic implications. *Geomorphology* **153-154**, 205-218.
- Davidovich, U., Porat, N., Gadot, Y., Avni, Y., and Lipschits, O. (2012). Archaeological investigations and OSL dating of terraces at Ramat Rahel, Israel. *Journal of Field Archaeology* **37**, 192-208.
- Dehnert, A., Lowick, S. E., Preusser, F., Anselmetti, F. S., Drescher-Schneider, R., Graf, H. R., Heller, F., Horstmeyer, H., Kemna, H. A., Nowaczyk, N. R., Züger, A., and Furrer, H. (2012). Evolution of an overdeepened trough in the northern Alpine Foreland at Niederweningen, Switzerland. *Quaternary Science Reviews* **34**, 127-145.
- Demuro, M., Froese, D. G., Arnold, L. J., and Roberts, R. G. (2012). Single-grain OSL dating of glaciofluvial quartz constrains Reid glaciation in NW Canada to MIS 6. *Quaternary Research* **77**, 305-316.
- Dereese, C., Vandenberghe, D. A. G., Van Gils, M., Mees, F., Paulissen, E., and Van den haute, P. (2012). Final Palaeolithic settlements of the Campine region (NE Belgium) in their environmental context: Optical age constraints. *Quaternary International* **251**, 7-21.
- Deschodt, L. (2012). Sédimentologie et datation des dépôts fluvio-éoliens du Pléniglaciaire weichselien à Lille (vallée de la Deûle, bassin de l'Escaut, France). *Quaternaire* **23**, 117-127.

- Deschodt, L., Salvador, P.-G., Feray, P., and Schwenninger, J.-L. (2012). Transect partiel de la plaine de la Scarpe (bassin de l'Escaut, nord de la France). Stratigraphie et évolution paléogéographique du Pléniglaciaire supérieur à L'holocène récent. *Quaternaire* **23**, 87-116.
- DeVecchio, D. E., Heermance, R. V., Fuchs, M., and Owen, L. A. (2012). Climate-controlled landscape evolution in the Western Transverse Ranges, California: Insights from Quaternary geochronology of the Saugus Formation and strath terrace flights. *Lithosphere* **4**, 110-130.
- DeVecchio, D. E., Keller, E. A., Fuchs, M., and Owen, L. A. (2012). Late Pleistocene structural evolution of the Camarillo fold belt: Implications for lateral fault growth and seismic hazard in Southern California. *Lithosphere* **4**, 91-109.
- Dörschner, N., Reimann, T., Wenske, D., Lühgens, C., Tsukamoto, S., Frechen, M., and Böse, M. (2012). Reconstruction of the Holocene coastal development at Fulong Beach in north-eastern Taiwan using optically stimulated luminescence (OSL) dating. *Quaternary International* **263**, 3-13.
- Duller, G. A. T. (2012). Cross-talk during single grain optically stimulated luminescence measurements of quartz and feldspar. *Radiation Measurements* **47**, 219-224.
- Erginal, A. E., Kiyak, N. G., Öztürk, M. Z., Avcioglu, M., Bozcu, M., and Yiğitbaş, E. (2012). Cementation characteristics and age of beachrocks in a fresh-water environment, Lake İznik, NW Turkey. *Sedimentary Geology* **243-244**, 148-154.
- Fattahi, M., Walker, R. T., Talebian, M., Sloan, R. A., and Rasheedi, A. (2011). The structure and late Quaternary slip rate of the Rafsanjan strike-slip fault, SE Iran. *Geosphere* **7**, 1159-1174.
- Feathers, J. K., Casson, M. A., Schmidt, A. H., and Chithambo, M. L. (2012). Application of pulsed OSL to polymineral fine-grained samples. *Radiation Measurements* **47**, 201-209.
- Fitzsimmons, K. E., Marković, S. B., and Hambach, U. (2012). Pleistocene environmental dynamics recorded in the loess of the middle and lower Danube basin. *Quaternary Science Reviews* **41**, 104-118.
- Fu, X., Zhang, J.-F., and Zhou, L.-P. (2012). Comparison of the properties of various optically stimulated luminescence signals from potassium feldspar. *Radiation Measurements* **47**, 210-218.
- García, A. F., and Mahan, S. A. (2012). The influence of upper-crust lithology on topographic development in the central Coast Ranges of California. *Geomorphology* **138**, 243-262.
- Gartia, R. K., Rey, L., Tej Kumar Singh, T., and Basanta Singh, T. (2012). Thermoluminescence of alkali halides and its implications. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **274**, 129-134.
- Gasparian, P. B. R., Vanhavere, F., and Yukihiro, E. G. (2012). Evaluating the influence of experimental conditions on the photon energy response of Al₂O₃:C optically stimulated luminescence detectors. *Radiation Measurements* **47**, 243-249.
- Giunta, G., Gueli, A. M., Monaco, C., Orioli, S., Ristuccia, G. M., Stella, G., and Troja, S. O. (2012). Middle-Late Pleistocene marine terraces and fault activity in the Sant'Agata di Militello coastal area (north-eastern Sicily). *Journal of Geodynamics* **55**, 32-40.
- Gliganic, L. A., Jacobs, Z., Roberts, R. G., Domínguez-Rodrigo, M., and Mabulla, A. Z. P. (2012). New ages for Middle and Later Stone Age deposits at Mumba rockshelter, Tanzania: Optically stimulated luminescence dating of quartz and feldspar grains. *Journal of Human Evolution* **62**, 533-547.
- Guérin, G., and Mercier, N. (2012). Field gamma spectrometry, Monte Carlo simulations and potential of non-invasive measurements. *Geochronometria* **39**, 40-47.

- Guyard, H., St-Onge, G., Pienitz, R., Francus, P., Zolitschka, B., Clarke, G. K. C., Hausmann, S., Salonen, V.-P., Lajeunesse, P., Ledoux, G., and Lamothe, M. (2011). New insights into Late Pleistocene glacial and postglacial history of northernmost Ungava (Canada) from Pingualuit Crater Lake sediments. *Quaternary Science Reviews* **30**, 3892-3907.
- Halfen, A. F., Johnson, W. C., Hanson, P. R., Woodburn, T. L., Young, A. R., and Ludvigson, G. A. (2012). Activation history of the Hutchinson dunes in east-central Kansas, USA during the past 2200 years. *Aeolian Research* **5**, 9-20.
- Harrison, S., Glasser, N. F., Duller, G. A. T., and Jansson, K. N. (2012). Early and mid-Holocene age for the Tempanos moraines, Laguna San Rafael, Patagonian Chile. *Quaternary Science Reviews* **31**, 82-92.
- Harvey, J. E., Pederson, J. L., and Rittenour, T. M. (2011). Exploring relations between arroyo cycles and canyon paleoflood records in Buckskin Wash, Utah: Reconciling scientific paradigms. *Geological Society of America Bulletin* **123**, 2266-2276.
- Homolová, D., Lomax, J., Špaček, P., and Decker, K. (2012). Pleistocene terraces of the Vltava River in the Budějovice basin (Southern Bohemian Massif): New insights into sedimentary history constrained by luminescence data. *Geomorphology* **161–162**, 58-72.
- Huang, C. C., Pang, J., Zha, X., Zhou, Y., Su, H., Wan, H., and Ge, B. (2012). Sedimentary records of extraordinary floods at the ending of the mid-Holocene climatic optimum along the Upper Weihe River, China. *The Holocene* **22**, 675-686.
- Insiripong, S., Kedkaew, C., Thamaphat, K., Chantima, N., Limsuwan, P., and Kaewkhao, J. (2012). Irradiation effect on natural quartz from Zambia. *Procedia Engineering* **32**, 83-89.
- Jacobs, Z., Roberts, R. G., Nespoulet, R., El Hajraoui, M. A., and Debénath, A. (2012). Single-grain OSL chronologies for Middle Palaeolithic deposits at El Mnasra and El Harhoura 2, Morocco: Implications for Late Pleistocene human–environment interactions along the Atlantic coast of northwest Africa. *Journal of Human Evolution* **62**, 377-394.
- Jayangondaperumal, R., Murari, M. K., Sivasubramanian, P., Chandrasekar, N., and Singhvi, A. K. (2012). Luminescence dating of fluvial and coastal red sediments in the SE coast, India, and implications for paleoenvironmental changes and dune reddening. *Quaternary Research* **77**, 468-481.
- Jia, H., Qin, X., and Liu, J. (2012). Environmental changes recorded by major elements in Loulan Stupa section during Early-Middle Holocene. *Journal of Earth Science* **23**, 155-160.
- Kitis, G., Carinou, E., and Askounis, P. (2012). Glow-curve de-convolution analysis of TL glow-curve from constant temperature hot gas TLD readers. *Radiation Measurements* **47**, 258-265.
- Koul, D. K. (2012). Response of pre-dosed TL and OSL emissions of quartz to various stimuli. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **281**, 82-88.
- Kusiak, J., Lanczont, M., and Bogucki, A. (2012). New exposure of loess deposits in Boyanychi (Ukraine) — Results of thermoluminescence analyses. *Geochronometria* **39**, 84-100.
- Latif, M. B., Fasasi, M. K., and Balogun, F. A. (2012). Low dose TL characteristics of Nigerian fluorite. *Radiation Measurements* **47**, 182-184.
- Lee, S. Y., Seong, Y. B., Shin, Y. K., Choi, K. H., Kang, H. C., and Choi, J. H. (2011). Cosmogenic ¹⁰Be and OSL dating of fluvial strath terraces along the Osip-cheon River, Korea: Tectonic implications. *Geosciences Journal* **15**, 359-378.
- Lepper, K., Gorz, K. L., Fisher, T. G., and Lowell, T. V. (2011). Age determinations for glacial Lake Agassiz shorelines west of Fargo, North Dakota, USA. *Canadian Journal of Earth Sciences* **48**, 1199-1207.

- Li, B., and Li, S.-H. (2012). A reply to the comments by Thomsen et al. on "Luminescence dating of K-feldspar from sediments: A protocol without anomalous fading correction". *Quaternary Geochronology* **8**, 49-51.
- Li, B., Li, S.-H., and Sun, J. (2011). Isochron dating of sand-loess-soil deposits from the Mu Us Desert margin, central China. *Quaternary Geochronology* **6**, 556-563.
- Li, S.-H., and Fan, A. (2011). OSL chronology of sand deposits and climate change of last 18 ka in Gurbantunggut Desert, northwest China. *Journal of Quaternary Science* **26**, 813-818.
- Li, S.-H., Sun, J., and Li, B. (2012). Holocene environmental changes in central Inner Mongolia revealed by luminescence dating of sediments from the Sala Us River valley. *The Holocene* **22**, 397-404.
- Liu, K., and Lai, Z. P. (2012). Chronology of Holocene sediments from the archaeological Salawusu site in the Mu Us Desert in China and its palaeoenvironmental implications. *Journal of Asian Earth Sciences* **45**, 247-255.
- Long, H., Lai, Z., Fuchs, M., Zhang, J., and Yang, L. (2012). Palaeodunes intercalated in loess strata from the western Chinese Loess Plateau: Timing and palaeoclimatic implications. *Quaternary International* **263**, 37-45.
- Loope, W. L., Loope, H. M., Goble, R. J., Fisher, T. G., Lytle, D. E., Legg, R. J., Wysocki, D. A., Hanson, P. R., and Young, A. R. (2012). Drought drove forest decline and dune building in eastern upper Michigan, USA, as the upper Great Lakes became closed basins. *Geology* **40**, 315-318.
- Lowick, S. E., Trauerstein, M., and Preusser, F. (2012). Testing the application of post IR-IRSL dating to fine grain waterlain sediments. *Quaternary Geochronology* **8**, 33-40.
- Lukas, S., Preusser, F., Anselmetti, F. S., and Tinner, W. (2012). Testing the potential of luminescence dating of high-alpine lake sediments. *Quaternary Geochronology* **8**, 23-32.
- Lüthgens, C., and Böse, M. (2011). Chronology of Weichselian main ice marginal positions in north-eastern Germany. *E&G Quaternary Science Journal* **60**, 236-247.
- Mason, J. A., Swinehart, J. B., Hanson, P. R., Loope, D. B., Goble, R. J., Miao, X., and Schmeisser, R. L. (2011). Late Pleistocene dune activity in the central Great Plains, USA. *Quaternary Science Reviews* **30**, 3858-3870.
- McCalpin, J. P., Harrison, J. B. J., Berger, G. W., and Tobin, H. C. (2011). Paleoseismicity of a low-slip-rate normal fault in the Rio Grande rift, USA: The Calabacillas fault, Albuquerque, New Mexico. *Geological Society of America Special Papers* **479**, 23-46.
- Medialdea, A., Porat, N., and Benito, G. (2011). Optically stimulated luminescence characteristics of modern flash-flood deposits in small mountain catchments. *Spectroscopy Letters* **44**, 530-534.
- Mehta, M., Majeed, Z., Dobhal, D., and Srivastava, P. (2012). Geomorphological evidences of post-LGM glacial advancements in the Himalaya: A study from Chorabari Glacier, Garhwal Himalaya, India. *Journal of Earth System Science* **121**, 149-163.
- Muñoz-Salinas, E., Bishop, P., Zamorano, J.-J., and Sanderson, D. (2012). Sedimentological processes in lahars: Insights from optically stimulated luminescence analysis. *Geomorphology* **136**, 106-113.
- Nair, R., Murari, M., Lakshmi, C., Buynevich, I., Goble, R., Srinivasan, P., Murthy, S., Trivedi, D., Kandpal, S., Hussain, S., Sengupta, D., and Singhvi, A.K. Subsurface signatures and timing of extreme wave events along the southeast Indian coast. *Journal of Earth System Science*, **120**, 873-883.
- Neves, W. A., Araujo, A. G. M., Bernardo, D. V., Kipnis, R., and Feathers, J. K. (2012). Rock Art at the Pleistocene/Holocene Boundary in Eastern South America. *Plos One* **7**, e32228.

- Olig, S. S., Eppes, M. C., Forman, S. L., Love, D. W., and Allen, B. D. (2011). Late Quaternary earthquakes on the Hubbell Spring fault system, New Mexico, USA: Evidence for noncharacteristic ruptures of intrabasin faults in the Rio Grande rift. *Geological Society of America Special Papers* **479**, 47-77.
- Oniya, E. O., Polymeris, G. S., Tsirliganis, N. C., and Kitis, G. (2012). Radiation dose response correlation between thermoluminescence and optically stimulated luminescence in quartz. *Journal of Luminescence* **132**, 1720-1728.
- Pagonis, V., Chen, R., and Lawless, J. L. (2012). Superlinear dose response of thermoluminescence (TL) and optically stimulated luminescence (OSL) signals in luminescence materials: An analytical approach. *Journal of Luminescence* **132**, 1446-1455.
- Pelletier, J. D., Quade, J., Goble, R. J., and Aldenderfer, M. S. (2011). Widespread hillslope gullying on the southeastern Tibetan Plateau: Human or climate-change induced? *Geological Society of America Bulletin* **123**, 1926-1938.
- Pigati, J. S., Miller, D. M., Bright, J. E., Mahan, S. A., Nekola, J. C., and Paces, J. B. (2011). Chronology, sedimentology, and microfauna of groundwater discharge deposits in the central Mojave Desert, Valley Wells, California. *Geological Society of America Bulletin* **123**, 2224-2239.
- Polymeris, G. S., and Kitis, G. (2011). IRSL dating of a deep water core from Pylos, Greece; comparison to post IR blue OSL and TL dating results. *Mediterranean Archaeology and Archaeometry* **11**, 107-120.
- Polymeris, G. S., Oniya, E. O., Jibiri, N. N., Tsirliganis, N. C., and Kitis, G. (2012). In-homogeneity in the pre-dose sensitization of the 110 degrees C TL peak in various quartz samples: The influence of annealing. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms* **274**, 105-110.
- Prendergast, A. L., Cupper, M. L., Jankaew, K., and Sawai, Y. (2012). Indian Ocean tsunami recurrence from optical dating of tsunami sand sheets in Thailand. *Marine Geology* **295-298**, 20-27.
- Preusser, F., Rufer, D., and Schreurs, G. (2011). Direct dating of Quaternary phreatic maar eruptions by luminescence methods. *Geology* **39**, 1135-1138.
- Qin, X., Liu, J., Jia, H., Lu, H., Xia, X., Zhou, L., Mu, G., Xu, Q., and Jiao, Y. (2012). New evidence of agricultural activity and environmental change associated with the ancient Loulan kingdom, China, around 1500 years ago. *The Holocene* **22**, 53-61.
- Rasse, M., Tribolo, C., Soriano, S., and Huysecom, E. (2012). Premières données chronostratigraphiques sur les formations du Pléistocène supérieur de la « falaise » de Bandiagara (Mali, Afrique de l'Ouest). *Quaternaire* **23**, 5-23.
- Raukas, A., and Stankowski, W. (2011). On the age of the Kaali craters, Island of Saaremaa, Estonia. *Baltica* **24**, 37-44.
- Richter, D., Moser, J., and Nami, M. (2012). New data from the site of Ifri n'Ammar (Morocco) and some remarks on the chronometric status of the Middle Paleolithic in the Maghreb. In "Modern Origins: A North African Perspective." (J.-J. Hublin, and S. McPherron, Eds.), pp. 61-78. Vertebrate Paleobiology and Paleoanthropology. Springer, Dordrecht.
- Rose, J. I., Usik, V. I., Marks, A. E., Hilbert, Y. H., Galletti, C. S., Parton, A., Geiling, J. M., Černý, V., Morley, M. W., and Roberts, R. G. (2011). The Nubian Complex of Dhofar, Oman: An African Middle Stone Age Industry in Southern Arabia. *PLoS ONE* **6**, e28239.
- Rosenberg, T. M., Preusser, F., Blechschmidt, I., Fleitmann, D., Jagher, R., and Matter, A. (2012). Late Pleistocene palaeolake in the interior of Oman: a potential key area for the dispersal of anatomically modern humans out-of-Africa? *Journal of Quaternary Science* **27**, 13-16.

Rosenberg, T. M., Preusser, F., Fleitmann, D., Schwalb, A., Penkman, K., Schmid, T. W., Al-Shanti, M. A., Kadi, K., and Matter, A. (2011). Humid periods in southern Arabia: Windows of opportunity for modern human dispersal. *Geology* **39**, 1115-1118.

Roskin, J., Blumberg, D. G., Porat, N., Tsoar, H., and Rozenstein, O. (2012). Do dune sands redden with age? The case of the northwestern Negev dunefield, Israel. *Aeolian Research* **5**, 63-75.

Rowan, A. V., Roberts, H. M., Jones, M. A., Duller, G. A. T., Covey-Crump, S. J., and Brocklehurst, S. H. (2012). Optically stimulated luminescence dating of glaciofluvial sediments on the Canterbury Plains, South Island, New Zealand. *Quaternary Geochronology* **8**, 10-22.

Rufer, D., Gnoss, E., Mettler, R., Preusser, F., and Schreurs, G. (2012). Proposing new approaches for dating young volcanic eruptions by luminescence methods. *Geochronometria* **39**, 48-56.

Sanjurjo-Sánchez, J., and Vidal Romani, J. R. (2011). Luminescence dating of pseudokarst speleothems: A first approach. *Spectroscopy Letters* **44**, 543-548.

Schmidt, S., Tsukamoto, S., Salomon, E., Frechen, M., and Hetzel, R. (2012). Optical dating of alluvial deposits at the orogenic front of the andean precordillera (Mendoza, Argentina). *Geochronometria* **39**, 62-75.

Sohbati, R., Murray, A. S., Buylaert, J.-P., Ortuño, M., Cunha, P. P., and Masana, E. (2012). Luminescence dating of Pleistocene alluvial sediments affected by the Alhama de Murcia fault (eastern Betics, Spain) – a comparison between OSL, IRSL and post-IR IRSL ages. *Boreas* **41**, 250-262.

Soni, A., Mishra, D. R., Bhatt, B. C., Gupta, S. K., Rawat, N. S., Kulkarni, M. S., and Sharma, D. N. (2012). Characterization of deep energy level defects in α -Al₂O₃:C using thermally assisted OSL. *Radiation Measurements* **47**, 111-120.

Srinivasa Sarma, C., and Rama Reddy, K. (2012). The effect of ultrasonic perturbation on F-centers in KCl: A thermoluminescence study. *Radiation Measurements* **47**, 191-194.

Srivastava, P., and Misra, D. K. (2012). Optically stimulated luminescence chronology of terrace sediments of Siang River, Higher NE Himalaya: comparison of quartz and feldspar chronometers. *Journal of the Geological Society of India* **79**, 252-258.

Stolz, C., Grunert, J., and Fülling, A. (2012). The formation of alluvial fans and young floodplain deposits in the Lieser catchment, Eifel Mountains, western German Uplands: A study of soil erosion budgeting. *The Holocene* **22**, 267-280.

Subedi, B., Polymeris, G. S., Tsirliganis, N. C., Pagonis, V., and Kitis, G. (2012). Reconstruction of thermally quenched glow curves in quartz. *Radiation Measurements* **47**, 250-257.

Suchodoletz, H. v., Blanchard, H., Hilgers, A., Radtke, U., Fuchs, M., Dietze, M., and Zöller, L. (2012). TL and ESR dating of Middle Pleistocene lava flows on Lanzarote island, Canary Islands (Spain). *Quaternary Geochronology* **9**, 54-64.

Sugisaki, S., Buylaert, J. P., Murray, A. S., Harada, N., Kimoto, K., Okazaki, Y., Sakamoto, T., Iijima, K., Tsukamoto, S., Miura, H., and Nogi, Y. (2012). High resolution optically stimulated luminescence dating of a sediment core from the southwestern Sea of Okhotsk. *Geochemistry Geophysics Geosystems* **13**, Q0AA22.

Sun, Y., Clemens, S. C., Morrill, C., Lin, X., Wang, X., and An, Z. (2012). Influence of Atlantic meridional overturning circulation on the East Asian winter monsoon. *Nature Geoscience* **5**, 46-49.

Tamura, T., Saito, Y., Nguyen, V. L., Ta, T. K. O., Bateman, M. D., Matsumoto, D., and Yamashita, S. (2012). Origin and evolution of intertributary delta plains; insights from Mekong River delta. *Geology* **40**, 303-306.

- Telfer, M. W., Thomas, Z. A., and Breman, E. (2012). Sand ramps in the Golden Gate Highlands National Park, South Africa: Evidence of periglacial aeolian activity during the last glacial. *Palaeogeography, Palaeoclimatology, Palaeoecology* **313–314**, 59-69.
- Thomsen, K. J., Murray, A., Jain, M., and Buylaert, J.-P. (2012). Re ‘Luminescence dating of K-feldspar from sediments: a protocol without anomalous fading correction’ by Bo Li and Sheng-Hua Li. *Quaternary Geochronology* **8**, 46-48.
- Timar-Gabor, A., Vasiliniuc, S., Vandenberghe, D. A. G., Constantin, D., and Cosma, C. (2011). Luminescence dating of archaeological materials and sediments in Romania using quartz. *Romanian Reports on Physics* **63**, 929-939.
- Topaksu, M., Correcher, V., Garcia-Guinea, J., Topak, Y., and Göksu, H. Y. (2012). Comparison of thermoluminescence (TL) and cathodoluminescence (ESEM-CL) properties between hydrothermal and metamorphic quartzes. *Applied Radiation and Isotopes* **70**, 946-951.
- Vojtko, R., Marko, F., Preusser, F., Madarás, J., and Kováčová, M. (2011). Late quaternary fault activity in the western Carpathians: Evidence from the vikartovce fault (Slovakia). *Geologica Carpathica* **62**, 563-574.
- Wang, X., Chai, C., Du, P., Lei, Q., Yin, G., and Lu, Y. (2012). Luminescence age constraints on palaeo-earthquake events along the lingwu fault in the Yinchuan Basin, China. *Geochronometria* **39**, 57-61.
- Wang, X. L., and Wintle, A. G. (2012). Optically stimulated luminescence production in the single-aliquot regenerative dose protocol. *Radiation Measurements* **47**, 121-129.
- Wang, X. L., Wintle, A. G., and Adamiec, G. (2012). Improving the reliability of single-aliquot regenerative dose dating using a new method of data analysis. *Quaternary Geochronology* **9**, 65-74.
- Wenske, D., Frechen, M., Böse, M., Reimann, T., Tseng, C.-H., and Hoelzmann, P. (2012). Late Quaternary river terraces in the Central Mountain Range of Taiwan: A study of cover sediments across a terrace section along the Tachia River. *Quaternary International* **263**, 26-36.
- Wilkins, D., De Deckker, P., Fifield, L. K., Gouramanis, C., and Olley, J. (2012). Comparative optical and radiocarbon dating of laminated Holocene sediments in two maar lakes: Lake Keilambete and Lake Gnotuk, south-western Victoria, Australia. *Quaternary Geochronology* **9**, 3-15.
- Yi, L., Yu, H.-J., Ortiz, J. D., Xu, X.-Y., Chen, S.-L., Ge, J.-Y., Hao, Q.-Z., Yao, J., Shi, X.-F., and Peng, S.-Z. (2012). Late Quaternary linkage of sedimentary records to three astronomical rhythms and the Asian monsoon, inferred from a coastal borehole in the south Bohai Sea, China. *Palaeogeography, Palaeoclimatology, Palaeoecology* **329–330**, 101-117.
- Yu, L., and Lai, Z. (2012). OSL chronology and palaeoclimatic implications of aeolian sediments in the eastern Qaidam Basin of the northeastern Qinghai-Tibetan Plateau. *Palaeogeography, Palaeoclimatology, Palaeoecology* **337–338**, 120-129.
- Yuan, D.-Y., Champagnac, J.-D., Ge, W.-P., Molnar, P., Zhang, P.-Z., Zheng, W.-J., Zhang, H.-P., and Liu, X.-W. (2011). Late Quaternary right-lateral slip rates of faults adjacent to the lake Qinghai, northeastern margin of the Tibetan Plateau. *Geological Society of America Bulletin* **123**, 2016-2030.
- Zhang, J., Jia, Y., Lai, Z., Long, H., and Yang, L. (2011). Holocene evolution of Huangqihai Lake in semi-arid northern China based on sedimentology and luminescence dating. *The Holocene* **21**, 1261-1268.
- Zhao, H., Li, G., Sheng, Y., Jin, M., and Chen, F. (2012). Early–middle Holocene lake-desert evolution in northern Ulan Buh Desert, China. *Palaeogeography, Palaeoclimatology, Palaeoecology* **331–332**, 31-38.
- Zink, A. J. C., Susino, G. J., Porto, E., and Huffman, T. N. (2012). Direct OSL dating of Iron Age pottery from South Africa – Preliminary dosimetry investigations. *Quaternary Geochronology* **8**, 1-9.