
Ancient TL

www.ancienttl.org · ISSN: 2693-0935

Ancient TL, 2009. *Bibliography*. Ancient TL 27(1): 25-32. <https://doi.org/10.26034/la.atl.2009.427>

This article is published under a *Creative Commons Attribution 4.0 International* (CC BY):
<https://creativecommons.org/licenses/by/4.0>



© Ancient TL, 2009

Bibliography

Compiled by Daniel Richter

From 1st November 2008 to 30th April 2009

Abu Ghazleh, S., and Kempe, S. (2009). Geomorphology of Lake Lisan terraces along the eastern coast of the Dead Sea, Jordan. *Geomorphology* **108**, 246-263.

Alexanderson, H., Eskola, K., and Helmens, K. (2009). Optical dating of a Late Quaternary sediment sequence from Sokli, Northern Finland. *Geochronometria* **32**, 51-59.

Andreucci, S., Pascucci, V., Murray, A. S., and Clemmensen, L. B. (2009). Late Pleistocene coastal evolution of San Giovanni di Sinis, west Sardinia (Western Mediterranean). *Sedimentary Geology* **216**, 104-116.

Ankjærgaard, C., Murray, A. S., Denby, P. M., and Jain, M. (2009). Using optically stimulated electrons from quartz for the estimation of natural doses. *Radiation Measurements* **44**, 232-238.

Antoine, P., Rousseau, D.-D., Fuchs, M., Hatté, C., Gauthier, C., Markovic, S. B., Jovanovic, M., Gaudenyi, T., Moine, O., and Rossignol, J. (2009). High-resolution record of the last climatic cycle in the southern Carpathian Basin (Surduk, Vojvodina, Serbia). *Quaternary International* **198**, 19-36.

Arnold, L. J., and Roberts, R. G. (2009). Stochastic modelling of multi-grain equivalent dose (D_e) distributions: Implications for OSL dating of sediment mixtures. *Quaternary Geochronology* **4**, 204-230.

Arnold, L. J., Roberts, R. G., Galbraith, R. F., and DeLong, S. B. (2009). A revised burial dose estimation procedure for optical dating of young and modern-age sediments. *Quaternary Geochronology* **4**, 306-325.

Bernat Rebollal, M., and Pérez-González, A. (2008). Inland aeolian deposits of the Iberian Peninsula: Sand dunes and clay dunes of the Duero Basin and the Manchega Plain. Palaeoclimatic considerations. *Geomorphology* **102**, 207-220.

Braillard, L., and Guélat, M. (2008). Une nappe alluviale étagée du pléistocène supérieur dans la vallée de Delémont (Jura suisse): lithostratigraphie et datation. *Quaternaire* **19**, 217-228.

Bristow, C. S., Drake, N., and Armitage, S. (2009). Deflation in the dustiest place on Earth: The Bodélé Depression, Chad. *Geomorphology* **105**, 50-58.

Brook, G. A., Srivastava, P., Brook, F. Z., Robbins, L. H., Campbell, A. C., and Murphy, M. L. (2008). OSL chronology for sediments and MSA artefacts at the Toteng Quarry, Kalahari Desert, Botswana *South African Archaeological Bulletin* **63**, 151-158.

Brown, A. G. (2008). Geoarchaeology, the four dimensional (4D) fluvial matrix and climatic causality. *Geomorphology* **101**, 278-297.

Brown, A. G., Carey, C., Erkens, G., Fuchs, M., Hoffmann, T., Macaire, J.-J., Moldenhauer, K.-M., and Walling, D. E. (2009). From sedimentary records to sediment budgets: Multiple approaches to catchment sediment flux. *Geomorphology* **108**, 35-47.

Brunotte, E., Maurer, B., Fischer, P., Lomax, J., and Sander, H. (2009). A sequence of fluvial and aeolian deposits (desert loess) and palaeosols covering the last 60 ka in the Opuwo basin (Kaokoland/Kunene Region, Namibia) based on luminescence dating. *Quaternary International* **196**, 71-85.

Buggle, B., Hambach, U., Glaser, B., Gerasimenko, N., Markovic, S., Glaser, I., and Zöller, L. (2009). Stratigraphy, and spatial and temporal paleoclimatic trends in Southeastern/Eastern European loess-paleosol sequences. *Quaternary International* **196**, 86-106.

- Bulur, E. (2008). Preliminary OSL studies on beige sepiolites. *Radiat Prot Dosimetry* **131**, 390-3.
- Burrough, S. L., and Thomas, D. S. G. (2009). Geomorphological contributions to palaeolimnology on the African continent. *Geomorphology* **103**, 285-298.
- Buylaert, J.-P., Ghysels, G., Murray, A. S., Thomsen, K. J., Vandenberghe, D., De Corte, F., Heyse, I., and van den Haute, P. (2009). Optical dating of relict sand wedges and composite-wedge pseudomorphs in Flanders, Belgium. *Boreas* **38**, 160-175.
- Chase, B. (2009). Evaluating the use of dune sediments as a proxy for palaeo-aridity: A southern African case study. *Earth-Science Reviews* **93**, 31-45.
- Chen, Y.-G., Chen, Y.-W., Chen, W.-S., Lee, K.-J., Lee, L.-S., Lu, S.-T., Lee, Y.-H., Watanuki, T., and Lin, Y.-N. (2009). Optical dating of a sedimentary sequence in a trenching site on the source fault of the 1999 Chi-Chi earthquake, Taiwan. *Quaternary International* **199**, 25-33.
- Chen, Y. W., Chen, Y. G., Murray, A. S., Watanuki, T., Chen, W. S., Yang, C. C. B., Liu, T. K., and Lin, C. W. (2009). Long-term crustal movement caused by the Chiuchungkeng Fault in southwestern Taiwan: Constraints from luminescence dating. *Quaternary International* **199**, 15-24.
- Chithambo, M. L., Ogundare, F. O., Feathers, J., and Hong, D. G. (2008). On the dose-dependence of luminescence lifetimes in natural quartz. *Radiation Effects and Defects in Solids* **163**, 945 - 953.
- Choi, J. H., Kim, J. W., Murray, A. S., Hong, D. G., Chang, H. W., and Cheong, C. S. (2009). OSL dating of marine terrace sediments on the southeastern coast of Korea with implications for Quaternary tectonics. *Quaternary International* **199**, 3-14.
- Clarke, M. L., and Rendell, H. M. (2009). The impact of North Atlantic storminess on western European coasts: A review. *Quaternary International* **195**, 31-41.
- Clemmensen, L. B., Murray, A., Heinemeier, J., and de Jong, R. (2009). The evolution of Holocene coastal dunefields, Jutland, Denmark: A record of climate change over the past 5000 years. *Geomorphology* **105**, 303-313.
- Cook, E. J. (2009). A record of late Quaternary environments at lunette-lakes Bolac and Turangmorohe, Western Victoria, Australia, based on pollen and a range of non-pollen palynomorphs. *Review of Palaeobotany and Palynology* **153**, 185-224.
- Correcher, V., Garcia-Guinea, J., Bustillo, M. A., and Garcia, R. (2009). Study of the thermoluminescence emission of a natural alpha-cristobalite. *Radiation Effects and Defects in Solids* **164**, 59 - 67.
- Crouvi, O., Amit, R., Porat, N., Gillespie, A. R., McDonald, E. V., and Enzel, Y. (2009). Significance of primary hilltop loess in reconstructing dust chronology, accretion rates, and sources: An example from the Negev Desert, Israel. *J. Geophys. Res.* **114**.
- Cunha, P. P., Martins, A. A., Huot, S., Murray, A., and Raposo, L. (2008). Dating the Tejo river lower terraces in the Rodao area (Portugal) to assess the role of tectonics and uplift. *Geomorphology* **102**, 43-54.
- Davis, M., Matmon, A., Zilberman, E., Porat, N., Gluck, D., and Enzel, Y. (2009). Bathymetry of Lake Lisan controls late Pleistocene and Holocene stream incision in response to base level fall. *Geomorphology* **106**, 352-362.
- Detschel, M. J., and Lepper, K. (2009). Optically stimulated luminescence dating properties of Martian sediment analogue materials exposed to a simulated Martian solar spectral environment. *Journal of Luminescence* **129**, 393-400.
- Erginal, A. E., Kiyak, N. G., Bozcu, M., Ertek, A., Gungunes, H., Sungur, A., and Turker, G. (2008). On the origin and age of the Ariburnu Beachrock, Gelibolu Peninsula, Turkey. *Turkish Journal of Earth Sciences* **17**, 803-819.

- Erkens, G., Dambeck, R., Volleberg, K. P., Bouman, M. T. I. J., Bos, J. A. A., Cohen, K. M., Wallinga, J., and Hoek, W. Z. (2009). Fluvial terrace formation in the northern Upper Rhine Graben during the last 20 000 years as a result of allogenic controls and autogenic evolution. *Geomorphology* **103**, 476-495.
- Fanning, P. C., Holdaway, S. J., Rhodes, E. J., and Bryant, T. G. (2009). The surface archaeological record in arid Australia: Geomorphic controls on preservation, exposure, and visibility. *Geoarchaeology* **24**, 121-146.
- Fattahi, M. (2009). Dating past earthquakes and related sediments by thermoluminescence methods: A review. *Quaternary International* **199**, 104-146.
- Feathers, J. K. (2009). Problems of ceramic chronology in the southeast: does shell-tempered pottery appear earlier than we think? *American Antiquity* **74**, 113-142.
- Fiebig, M., Preusser, F., Steffen, D., Thamó-Bozsó, E., Grabner, M., Martin, G. J. L., and Gerzabek, H. (2009). Luminescence dating of historical fluvial deposits from the Danube and Ebro. *Geoarchaeology* **24**, 224-241.
- Fitzpatrick, S. M., Kaye, Q., Feathers, J., Pavia, J. A., and Marsaglia, K. M. (2009). Evidence for inter-island transport of heirlooms: luminescence dating and petrographic analysis of ceramic inhaling bowls from Carriacou, West Indies. *Journal of Archaeological Science* **36**, 596-606.
- Forman, S. L., Nordt, L., Gomez, J., and Pierson, J. (2009). Late Holocene dune migration on the south Texas sand sheet. *Geomorphology* **108**, 159-170.
- Frechen, M., Kehl, M., Rolf, C., Sarvati, R., and Skowronek, A. (2009). Loess chronology of the Caspian Lowland in Northern Iran. *Quaternary International* **198**, 220-233.
- Fujioka, T., Chappell, J., Fifield, L. K., and Rhodes, E. J. (2009). Australian desert dune fields initiated with Pliocene-Pleistocene global climatic shift. *Geology* **37**, 51-54.
- Galli, A., Panzeri, L., Martini, M., Sibilia, E., Vignola, P., Andò, S., Pini, R., and Rossi, P. M. (2009). Optically stimulated luminescence dating of a stratigraphic Late Glacial-Holocene sequence in the Po plain (Bubano quarry, Bologna, Italy). *Quaternary International* **199**, 45-55.
- Galovic, L., Frechen, M., Halamic, J., Durn, G., and Romic, M. (2009). Loess chronostratigraphy in Eastern Croatia - A luminescence dating approach. *Quaternary International* **198**, 85-97.
- Gardner, T., Webb, J., Pezzia, C., Amborn, T., Tunnell, R., Flanagan, S., Merritts, D., Marshall, J., Fabel, D., and Cupper, M. L. (2009). Episodic intraplate deformation of stable continental margins: evidence from Late Neogene and Quaternary marine terraces, Cape Liptrap, Southeastern Australia. *Quaternary Science Reviews* **28**, 39-53.
- Grün, R. (2009). The DATA program for the calculation of ESR age estimates on tooth enamel. *Quaternary Geochronology* **4**, 231-232.
- Guibert, P., Lahaye, C., and Bechtel, F. (2009). The importance of U-series disequilibrium of sediments in luminescence dating: A case study at the Roc de Marsal Cave (Dordogne, France). *Radiation Measurements* **44**, 223-231.
- Hansom, J. D., and Hall, A. M. (2009). Magnitude and frequency of extra-tropical North Atlantic cyclones: A chronology from cliff-top storm deposits. *Quaternary International* **195**, 42-52.
- Hanson, P. R., Joeckel, R. M., Young, A. R., and Horn, J. (2009). Late Holocene dune activity in the Eastern Platte River Valley, Nebraska. *Geomorphology* **103**, 555-561.
- Hoare, P. G., Gale, S. J., Robinson, R. A. J., Connell, E. R., and Larkin, N. R. (2009). Marine Isotope Stage 7-6 transition age for beach sediments at Morston, north Norfolk, UK: implications for Pleistocene chronology, stratigraphy and tectonics. *Journal of Quaternary Science* **24**, 311-316.

- Huang, X. Z., Chen, F. H., Fan, Y. X., and Yang, M. L. (2009). Dry late-glacial and early Holocene climate in arid central Asia indicated by lithological and palynological evidence from Bosten Lake, China. *Quaternary International* **194**, 19-27.
- Jacobs, Z., and Roberts, D. L. (2009). Last Interglacial Age for aeolian and marine deposits and the Nahoon fossil human footprints, Southeast Coast of South Africa. *Quaternary Geochronology* **4**, 160-169.
- Jennings, R. P., Giles Pacheco, F., Barton, R. N. E., Colcutt, S. N., Gale, R., Gleed-Owen, C. P., Gutiérrez López, J. M., Higham, T. F. G., Parker, A., Price, C., Rhodes, E., Santiago Pérez, A., Schwenninger, J. L., and Turner, E. (2009). New dates and palaeoenvironmental evidence for the Middle to Upper Palaeolithic occupation of Higueral de Valleja Cave, southern Spain. *Quaternary Science Reviews* **28**, 830-839.
- Jia, Y. F., Huang, C. C., Pang, J. L., and Niu, J. J. (2008). Chronology of the Holocene loess-paleosol section and its deposition and pedogenesis on the south of Chinese Loess Plateau. *Journal of Geographical Sciences* **18**, 425-442.
- Kaiser, K., Lai, Z., Schneider, B., Reudenbach, C., Miehe, G., and Brückner, H. (2009). Stratigraphy and palaeoenvironmental implications of Pleistocene and Holocene aeolian sediments in the Lhasa area, southern Tibet (China). *Palaeogeography, Palaeoclimatology, Palaeoecology* **271**, 329-342.
- Kehl, M., Frechen, M., and Skowronek, A. (2009). Nature and age of Late Quaternary basin fill deposits in the Basin of Persepolis/Southern Iran. *Quaternary International* **196**, 57-70.
- Kim, J. C., Duller, G. A. T., Roberts, H. M., Wintle, A. G., Lee, Y. I., and Yi, S. B. (2009). Dose dependence of thermally transferred optically stimulated luminescence signals in quartz. *Radiation Measurements* **44**, 132-143.
- Kim, J. C., Roberts, H. M., Duller, G. A. T., Lee, Y. I., and Yi, S. B. (2009). Assessment of diagnostic tests for evaluating the reliability of SAR D_e values from polymineral and quartz fine grains. *Radiation Measurements* **44**, 149-157.
- Koul, D. K. (2008). 110°C thermoluminescence glow peak of quartz - A brief review. *Pramana-Journal of Physics* **71**, 1209-1229.
- Lammermann-Barthel, J., Neeb, I., Hinderer, M., and Frechen, M. (2009). Last glacial to Holocene fluvial aggradation and incision in the southern Upper Rhine graben: Climatic and neotectonic controls. *Quaternaire* **20**, 25-34.
- Lee, C. K., Wong, H. K., and Leung, Y. L. (2009). Non-linearity of pre-dose response and its effects on TL dating. *Radiation Measurements* **44**, 215-222.
- Lee, J., Li, S.-H., and Aitchison, J. C. (2009). OSL dating of paleoshorelines at Lagkor Tso, western Tibet. *Quaternary Geochronology* **4**, 335-343.
- Lee, J. H., Lin, M. S., Hsu, S. M., Chen, I. J., Chen, W. L., and Wang, C. F. (2009). Dosimetry characteristics and performance comparisons: Environmental radiophotoluminescent glass dosimeters versus thermoluminescent dosimeters. *Radiation Measurements* **44**, 86-91.
- Lewis, C. J., McDonald, E. V., Sancho, C., Peña, J. L., and Rhodes, E. J. (2009). Climatic implications of correlated Upper Pleistocene glacial and fluvial deposits on the Cinca and Gállego Rivers (NE Spain) based on OSL dating and soil stratigraphy. *Global And Planetary Change* **67**, 141-152.
- Liritzis, I., Kitis, G., Galloway, R. B., Vafiadou, A., Tsirliganis, N. C., and Polymeris, G. S. (2008). Probing luminescence dating of archaeologically significant carved rock types. *Mediterranean Archaeology & Archaeometry* **8**, 61-79.
- Magee, J. W., Miller, G. H., Spooner, N. A., Questiaux, D. G., McCulloch, M. T., and Clark, P. A. (2009). Evaluating Quaternary dating methods: Radiocarbon, U-series, luminescence, and amino acid racemization dates of a late Pleistocene emu egg. *Quaternary Geochronology* **4**, 84-92.

- Mahan, S. A., Noe, D. C., and McCalpin, J. P. (2009). Use of OSL dating to establish the stratigraphic framework of Quaternary eolian sediments, Anton scarp upper trench, Northeastern Colorado High Plains, USA. *Quaternary International* **199**, 92-103.
- Markewich, H. W., Litwin, R. J., Pavich, M. J., and Brook, G. A. (2009). Late Pleistocene eolian features in southeastern Maryland and Chesapeake Bay region indicate strong WNW-NW winds accompanied growth of the Laurentide Ice Sheet. *Quaternary Research* **71**, 409-425.
- Martins, A. A., Cunha, P. P., Huot, S., Murray, A. S., and Buylaert, J. P. (2009). Geomorphological correlation of the tectonically displaced Tejo River terraces (Gavião-Chamusca area, central Portugal) supported by luminescence dating. *Quaternary International* **199**, 75-91.
- Mason, J. A., Miao, X. D., Hanson, P. R., Johnson, W. C., Jacobs, P. M., and Goble, R. J. (2008). Loess record of the Pleistocene-Holocene transition on the northern and central Great Plains, USA. *Quaternary Science Reviews* **27**, 1772-1783.
- Matmon, A., Simhai, O., Amit, R., Haviv, I., Porat, N., McDonald, E., Benedetti, L., and Finkel, R. (2009). Desert pavement-coated surfaces in extreme deserts present the longest-lived landforms on Earth. *Geological Society of America Bulletin* **121**, 688-697.
- McCarthy, A., Mackintosh, A., Rieser, U., and Fink, D. (2008). Mountain Glacier Chronology from Boulder Lake, New Zealand, Indicates MIS 4 and MIS 2 Ice Advances of Similar Extent. *Arctic Antarctic and Alpine Research* **40**, 695-708.
- McIntosh, P. D., Price, D. M., Eberhard, R., and Slee, A. J. (2009). Late Quaternary erosion events in lowland and mid-altitude Tasmania in relation to climate change and first human arrival. *Quaternary Science Reviews* **28**, 850-872.
- McLaren, S. J., Al-Juaidi, F., Bateman, M. D., and Millington, A. C. (2009). First evidence for episodic flooding events in the arid interior of central Saudi Arabia over the last 60 ka. *Journal of Quaternary Science* **24**, 198-207.
- Mercier, N. (2008). Datation des sédiments quaternaires par luminescence stimulée optiquement: un état de la question. *Quaternaire* **19**, 15-204.
- Mercier, N., Hatté, C., Fontugne, M., Reyss, J.-L., Valladas, H., Wengler, L., Brugal, J.-P., Ouammou, A., and Weisrock, A. (2009). Chronology of Upper Pleistocene sequences at Sidi Messaoud (wadi Noun, southwestern Morocco) based on ^{14}C , optical and U-series dating. *Quaternary Geochronology* **4**, 326-334.
- Meyer, M. C., Hofmann, C. C., Gemmell, A. M. D., Haslinger, E., Häusler, H., and Wangda, D. (2009). Holocene glacier fluctuations and migration of Neolithic yak pastoralists into the high valleys of northwest Bhutan. *Quaternary Science Reviews* **28**, 1217-1237.
- Michel, V., Shen, G., Valensi, P., and de Lumley, H. (2009). ESR dating of dental enamel from Middle Palaeolithic levels at Lazaret Cave, France. *Quaternary Geochronology* **4**, 233-240.
- Narama, C., Kondo, R., Tsukamoto, S., Kajiura, T., Duishonakunov, M., and Abdrakhmatov, K. (2009). Timing of glacier expansion during the Last Glacial in the inner Tien Shan, Kyrgyz Republic by OSL dating. *Quaternary International* **199**, 147-156.
- Nissen, E., Walker, R., Molor, E., Fattahi, M., and Bayasgalan, A. (2009). Late Quaternary rates of uplift and shortening at Baatar Hyarhan (Mongolian Altai) with optically stimulated luminescence. *Geophysical Journal International* **177**, 259-278.
- Novothy, Á., Frechen, M., Horváth, E., Bradák, B., Oches, E. A., McCoy, W. D., and Stevens, T. (2009). Luminescence and amino acid racemization chronology of the loess-paleosol sequence at Sütto, Hungary. *Quaternary International* **198**, 62-76.

- Patnaik, R., Chauhan, P. R., Rao, M. R., Blackwell, B. A. B., Skinner, A. R., Sahni, A., Chauhan, M. S., and Khan, H. S. (2009). New geochronological, paleoclimatological, and archaeological data from the Narmada Valley hominin locality, central India. *Journal of Human Evolution* **56**, 114-133.
- Phartiyal, B., Sharma, A., Srivastava, P., and Ray, Y. (2009). Chronology of relict lake deposits in the Spiti River, NW Trans Himalaya: Implications to Late Pleistocene-Holocene climate-tectonic perturbations. *Geomorphology* **108**, 264-272.
- Pigati, J. S., Bright, J. E., Shanahan, T. M., and Mahan, S. A. (2009). Late Pleistocene paleohydrology near the boundary of the Sonoran and Chihuahuan Deserts, southeastern Arizona, USA. *Quaternary Science Reviews* **28**, 286-300.
- Plater, A. J., Stupples, P., and Roberts, H. M. (2009). Evidence of episodic coastal change during the Late Holocene: The Dungeness barrier complex, SE England. *Geomorphology* **104**, 47-58.
- Polymeris, G., Kiyak, N., and Kitis, G. (2009). Component resolved IR bleaching study of the blue LM-OSL signal of various quartz samples. *Geochronometria* **32**, 79-85.
- Polymeris, G. S., Afouxenidis, D., Tsirliganis, N. C., and Kitis, G. (2009). The TL and room temperature OSL properties of the glow peak at 110 °C in natural milky quartz: A case study. *Radiation Measurements* **44**, 23-31.
- Porat, N., Duller, G. A. T., Amit, R., Zilberman, E., and Enzel, Y. (2009). Recent faulting in the southern Arava, Dead Sea Transform: Evidence from single grain luminescence dating. *Quaternary International* **199**, 34-44.
- Porat, N., Sivan, D., and Zviely, D. (2008). Late Holocene embayment infill and shoreline migration, the Haifa Bay, SE Mediterranean. *Israel Journal of Earth Sciences* **57**, 21-31.
- Preusser, F., and Fiebig, M. (2009). European Middle Pleistocene loess chronostratigraphy: Some considerations based on evidence from the Wels site, Austria. *Quaternary International* **198**, 37-45.
- Przegiętka, K., Chruścińska, A., Oczkowski, H., and Molewski, P. (2009). Chronostratigraphy of the Vistulian glaciation on the Kujawy Moraine Plateau (Central Poland) based on lithostratigraphic research and OSL dating. *Geochronometria* **32**, 69-77.
- Rah, J.-E., Hong, J.-Y., Kim, G.-Y., Kim, Y.-L., Shin, D.-O., and Suh, T.-S. (2009). A comparison of the dosimetric characteristics of a glass rod dosimeter and a thermoluminescent dosimeter for mailed dosimeter. *Radiation Measurements* **44**, 18-22.
- Richter, D., Tostevin, G., Skrdla, P., and Davies, W. (2009). New radiometric ages for the Early Upper Palaeolithic type locality of Brno-Bohunice (Czech Republic): comparison of OSL, IRSL, TL and C-14 dating results. *Journal of Archaeological Science* **36**, 708-720.
- Roberts, D. L., Bateman, M. D., Murray-Wallace, C. V., Carr, A. S., and Holmes, P. J. (2009). West coast dune plumes: Climate driven contrasts in dunefield morphogenesis along the western and southern South African coasts. *Palaeogeography, Palaeoclimatology, Palaeoecology* **271**, 24-38.
- Sanchez, J. S., Mosquera, D. F., and Bello, J. M. (2008). Establishing and validating luminescence dating procedures for archaeological remains in the geochronology laboratory of the University of A Coruna: first results. *Trabajos De Prehistoria* **65**, 131-136.
- Sawakuchi, A. O., Kalchgruber, R., Giannini, P. C. F., Nascimento Jr, D. R., Guedes, C. C. F., and Umisedo, N. K. (2008). The development of blowouts and foredunes in the Ilha Comprida barrier (Southeastern Brazil): the influence of Late Holocene climate changes on coastal sedimentation. *Quaternary Science Reviews* **27**, 2076-2090.
- Seifert, C. L., Cox, R. T., Forman, S. L., Foti, T. L., Wasklewicz, T. A., and McColgan, A. T. (2009). Relict nebkhas (pimple mounds) record prolonged late Holocene drought in the forested region of south-central United States. *Quaternary Research* **71**, 329-339.

- Sharma, B. A., Singh, A. N., Singh, S. N., and Singh, O. B. (2009). Application of computerized glow curve deconvolution to determine the spectroscopy of traps in colorless microcline. *Radiation Measurements* **44**, 32-37.
- Shtober-Zisu, N., Greenbaum, N., Inbar, M., and Flexer, A. (2008). Morphometric and geomorphic approaches for assessment of tectonic activity, Dead Sea Rift (Israel). *Geomorphology* **102**, 93-104.
- Simms, A. R., DeWitt, R., Rodriguez, A. B., Lambeck, K., and Anderson, J. B. (2009). Revisiting marine isotope stage 3 and 5a (MIS3-5a) sea levels within the northwestern Gulf of Mexico. *Global and Planetary Change* **66**, 100-111.
- Srivastava, P., Bhakuni, S. S., Luirei, K., and Misra, D. K. (2009). Morpho-sedimentary records at the Brahmaputra River exit, NE Himalaya: climate-tectonic interplay during the Late Pleistocene-Holocene. *Journal of Quaternary Science* **24**, 175-188.
- Srivastava, P., and Shukla, U. K. (2009). Quaternary evolution of the Ganga river system: New quartz ages and a review of luminescence chronology. *Himalayan Geology* **30**, 85-94.
- Stevens, T., and Lu, H. Y. (2009). Optically stimulated luminescence dating as a tool for calculating sedimentation rates in Chinese loess: comparisons with grain-size records. *Sedimentology* **56**, 911-934.
- Takeuchi, A., and Hashimoto, T. (2009). Milling-induced reset of thermoluminescence and deformation of hydroxyl species in the near-surface layers of quartz grains. *Geochronometria* **32**, 61-68.
- Telfer, M. W., Thomas, D. S. G., Parker, A. G., Walkington, H., and Finch, A. A. (2009). Optically stimulated luminescence (OSL) dating and palaeoenvironmental studies of pan (playa) sediment from Witpan, South Africa. *Palaeogeography, Palaeoclimatology, Palaeoecology* **273**, 50-60.
- Thomas, D. S. G., Bailey, R., Shaw, P. A., Durcan, J. A., and Singarayer, J. S. (2009). Late Quaternary highstands at Lake Chilwa, Malawi: Frequency, timing and possible forcing mechanisms in the last 44 ka. *Quaternary Science Reviews* **28**, 526-539.
- Thomas, P. J. (2009). Luminescence dating of beachrock in the southeast coast of India-potential for Holocene shoreline reconstruction. *Journal of Coastal Research* **25**, 1-7.
- Thomas, P. J., Nagabhushanam, P., and Reddy, D. V. (2008). Optically stimulated luminescence dating of heated materials using single-aliquot regenerative-dose procedure: a feasibility study using archaeological artefacts from India. *Journal of Archaeological Science* **35**, 781-790.
- Thomsen, K. J., Murray, A. S., Jain, M., and Bøtter-Jensen, L. (2008). Laboratory fading rates of various luminescence signals from feldspar-rich sediment extracts. *Radiation Measurements* **43**, 1474-1486.
- Tolksdorf, J. F., Kaiser, K., Veil, S., Klasen, N., and Brückner, H. (2009). The Early Mesolithic Haverbeck site, Northwest Germany: evidence for Preboreal settlement in the Western and Central European Plain. *Journal of Archaeological Science* **36**, 1466-1476.
- Tooth, S., Rodnight, H., McCarthy, T. S., Duller, G. A. T., and Grundling, A. T. (2009). Late Quaternary dynamics of a South African floodplain wetland and the implications for assessing recent human impacts. *Geomorphology* **106**, 278-291.
- Tribolo, C., Mercier, N., Valladas, H., Joron, J. L., Guibert, P., Lefrais, Y., Selo, M., Texier, P. J., Rigaud, J. P., Porraz, G., Poggenpoel, C., Parkington, J., Texier, J. P., and Lenoble, A. (2009). Thermoluminescence dating of a Stillbay-Howiesons Poort sequence at Diepkloof Rock Shelter (Western Cape, South Africa). *Journal of Archaeological Science* **36**, 730-739.
- Tsoar, H., Levin, N., Porat, N., Maia, L. P., Herrmann, H. J., Tatumi, S. H., and Claudino-Sales, V. (2009). The effect of climate change on the mobility and stability of coastal sand dunes in Ceará State (NE Brazil). *Quaternary Research* **71**, 217-226.

- Tsukamoto, S., Duller, G., Murray, A., and Choi, J.-H. (2009). Application of luminescence dating to Quaternary tectonic movements and environmental change. *Quaternary International* **199**, 1-2.
- Urban, B., and Buerkert, A. (2009). Palaeoecological analysis of a Late Quaternary sediment profile in northern Oman. *Journal of Arid Environments* **73**, 296-305.
- Vandenberghe, D., Vanneste, K., Verbeeck, K., Paulissen, E., Buylaert, J.-P., De Corte, F., and Van den haute, P. (2009). Late Weichselian and Holocene earthquake events along the Geleen fault in NE Belgium: OSL age constraints. *Quaternary International* **199**, 56-74.
- Veres, D., Lallier-Vergès, E., Wohlfarth, B., Lacourse, T., Kéravis, D., BjÖRck, S., Preusser, F., Andrieu-Ponel, V., and Ampel, L. (2009). Climate-driven changes in lake conditions during late MIS 3 and MIS 2: a high-resolution geochemical record from Les Echets, France. *Boreas* **38**, 230-243.
- Verstraeten, G., Rommens, T., Peeters, I., Poesen, J., Govers, G., and Lang, A. (2009). A temporarily changing Holocene sediment budget for a loess-covered catchment (central Belgium). *Geomorphology* **108**, 24-34.
- von Suchodoletz, H., Faust, D., and Zöller, L. (2009). Geomorphological investigations of sediment traps on Lanzarote (Canary Islands) as a key for the interpretation of a palaeoclimate archive off NW Africa. *Quaternary International* **196**, 44-56.
- Wang, A., Smith, J. A., Wang, G., Zhang, K., Xiang, S., and Liu, D. (2009). Late Quaternary river terrace sequences in the eastern Kunlun Range, northern Tibet: A combined record of climatic change and surface uplift. *Journal of Asian Earth Sciences* **34**, 532-543.
- Wang, H., Lundstrom, C. C., Zhang, Z. F., Grimley, D. A., and Balsam, W. L. (2009). A Mid-Late Quaternary loess-paleosol record in Simmons Farm in southern Illinois, USA. *Quaternary Science Reviews* **28**, 93-106.
- Waters, M. R., Forman, S. L., Stafford Jr, T. W., and Foss, J. (2009). Geoarchaeological investigations at the Topper and Big Pine Tree sites, Allendale County, South Carolina. *Journal of Archaeological Science* **36**, 1300-1311.
- Zarate, M., Kemp, R., and Toms, P. (2009). Late Quaternary landscape reconstruction and geochronology in the northern Pampas of Buenos Aires province, Argentina. *Journal of South American Earth Sciences* **27**, 88-99.
- Zech, W., Zech, M., Zech, R., Peinemann, N., Morrás, H. J. M., Moretti, L., Ogle, N., Kalim, R. M., Fuchs, M., Schad, P., and Glaser, B. (2009). Late Quaternary palaeosol records from subtropical (38°S) to tropical (16°S) South America and palaeoclimatic implications. *Quaternary International* **196**, 107-120.
- Zhao, J. D., Liu, S. Y., He, Y. Q., and Song, Y. G. (2009). Quaternary glacial chronology of the Ateaoynake River Valley, Tianshan Mountains, China. *Geomorphology* **103**, 276-284.
- Zhou, Y., Lu, H., Zhang, J., Mason, J. A., and Zhou, L. (2009). Luminescence dating of sand-loess sequences and response of Mu Us and Otindag sand fields (north China) to climatic changes. *Journal of Quaternary Science* **24**, 336-344.
- Zilberman, E., Greenbaum, N., Nahmias, Y., Porat, N., and Ashkar, L. (2008). Late Pleistocene to Holocene tectonic activity along the Nesher fault, Mount Carmel, Israel. *Israel Journal of Earth Sciences* **57**, 87-100.
- Zink, A. (2009). Uncertainties on the luminescence ages and anomalous fading. *Geochronometria* **32**, 47-50.