

Bibliography

Compiled by Daniel Richter

From 1st December 2013 to 31st May 2014

- Ackermann, O., Greenbaum, N., Bruins, H., Porat, N., Bar-Matthews, M., Almogi-Labin, A., Schilman, B., Ayalon, A., Horwitz, L. K., Weiss, E., and Maeir, A. M. (2014). Palaeoenvironment and anthropogenic activity in the southeastern Mediterranean since the mid-Holocene: The case of Tell es-Safi/Gath, Israel. *Quaternary International* **328–329**, 226-243.
- Ahmed, M. T. T., Sato, S., and Tajima, Y. (2013). Quantitative Estimation of Longshore Sediment Transport Based on Thermoluminescence: Two Case Studies around Tenryu and Nile River Mouths. *Journal of Coastal Research*, 537-547.
- Alexanderson, H., and Håkansson, L. (2014). Coastal glaciers advanced onto Jameson Land, East Greenland during the late glacial-early Holocene Milne Land Stade. *Polar Research* **33**, 20313.
- Anechitei-Deacu, V., Timar-Gabor, A., Fitzsimmons, K., Veres, D., and Hambach, U. (2014). Multi-method luminescence investigations on quartz grains of different sizes extracted from a loess section in Southeast Romania interbedding the Campanian Ignimbrite ash layer. *Geochronometria* **41**, 1-14.
- Arnold, L. J., Demuro, M., Parés, J. M., Arsuaga, J. L., Aranburu, A., Bermúdez de Castro, J. M., and Carbonell, E. (2014). Luminescence dating and palaeomagnetic age constraint on hominins from Sima de los Huesos, Atapuerca, Spain. *Journal of Human Evolution* **67**, 85-107.
- Asena, A., Crowe, S. B., Kairn, T., Dunn, L., Cyster, M., Charles, P. H., Smith, S. T., and Trapp, J. V. (2014). Response variation of optically stimulated luminescence dosimeters. *Radiation Measurements* **61**, 21-24.
- Astakhov, V. I., and Mangerud, J. (2014). To the chronology of the last ice age on the Lower Yenissei. *Doklady Earth Sciences* **455**, 219-222.
- Athanassas, C., and Bassiakos, Y. (2012). Optically stimulated luminescence dating of artefact bearing archaeological layers at “Kerame”, Ikaria, Eastern Aegean: Field observations, laboratory procedures, and limitations. *Folia Quaternaria* **80**, 55-62.
- Athanassas, C., Fountoulis, I., Mariolakos, I., Bassiakos, Y., Karotsieris, Z., Triantaphyllou, M., and Theodorakopoulou, K. (2013). Comments on the neotectonics of the coastal zone of western Messenia based on luminescence dating and geoarchaeological evidence. *Zeitschrift für Geomorphologie* **57**, 49-62.
- Backhouse, P. N., Feathers, J. K., Mahoney, M., and Macuen, K. (2014). An assessment of the applicability of luminescence dating to developing an absolute chronology for the production and use of sand-tempered plain ceramics in south Florida. *Journal of Archaeological Science* **45**, 150-158.
- Bailey, R. M., and Thomas, D. S. G. (2014). A quantitative approach to understanding dated dune stratigraphies. *Earth Surface Processes and Landforms* **39**, 614–631.
- Bailiff, I. K., French, C. A., and Scarre, C. J. (2014). Application of luminescence dating and geomorphological analysis to the study of landscape evolution, settlement and climate change on the Channel Island of Herm. *Journal of Archaeological Science* **41**, 890-903.
- Bakraji, E., Boutros, N., and Abboud, R. (2014). Thermoluminescence (TL) dating of ancient Syrian pottery from six different archaeological sites. *Geochronometria* **41**, 24-29.
- Balco, G. (2014). Simple computer code for estimating cosmic-ray shielding by oddly shaped objects. *Quaternary Geochronology* **22**, 175-182.
- Barrows, T. T., Williams, M. A. J., Mills, S. C., Duller, G. A. T., Fifield, L. K., Haberlah, D., Tims, S. G., and Williams, F. M. (2014). A White Nile megalake during the last interglacial period. *Geology* **42**, 163-166.
- Bateman, M. D., Hitchens, S., Murton, J. B., Lee, J. R., and Gibbard, P. L. (2014). The evolution of periglacial patterned ground in East Anglia, UK. *Journal of Quaternary Science* **29**, 301-317.

- Bates, M. R., Champness, C., Haggart, A., Macphail, R. I., Parfitt, S. A., and Schwenninger, J.-L. (2014). Early Devensian sediments and palaeoenvironmental evidence from the excavations at the Royal Oak Portal Paddington, West London, UK. *Proceedings of the Geologists' Association* **125**, 41–55.
- Blöthe, J. H., Munack, H., Korup, O., Fülling, A., Garzanti, E., Resentini, A., and Kubik, P. W. (2014). Late Quaternary valley infill and dissection in the Indus River, western Tibetan Plateau margin. *Quaternary Science Reviews* **94**, 102-119.
- Bouvier, A., Guibert, P., Blain, S., and Reynaud, J.-F. (2013). Interdisciplinary Study of the Early Building Phases of St Irénée's Church (Lyon, France): The Contribution of Luminescence Dating. *ArchéoSciences* **37**, 155-173.
- Brass, M., and Schwenniger, J.-L. (2013). Jebel Moya (Sudan): new dates from a mortuary complex at the southern Meroitic frontier. *Azania-Archaeological Research in Africa* **48**, 455-472.
- Brooke, B. P., Olley, J. M., Pietsch, T., Playford, P. E., Haines, P. W., Murray-Wallace, C. V., and Woodroffe, C. D. (2014). Chronology of Quaternary coastal aeolianite deposition and the drowned shorelines of southwestern Western Australia – a reappraisal. *Quaternary Science Reviews* **93**, 106-124.
- Bulur, E., Kartal, E., and Saraç, B. E. (2014). Time-resolved OSL of natural zircon: A preliminary study. *Radiation Measurements* **60**, 46-52.
- Burbidge, C. I., Trindade, M. J., Dias, M. I., Oosterbeek, L., Scarre, C., Rosina, P., Cruz, A., Cura, S., Cura, P., Caron, L., Prudêncio, M. I., Cardoso, G. J. O., Franco, D., Marques, R., and Gomes, H. (2014). Luminescence dating and associated analyses in transition landscapes of the Alto Ribatejo, central Portugal. *Quaternary Geochronology* **20**, 65-77.
- Bussmann, J., Stele, A., Haertling, J. W., Zielhofer, C., and Fuchs, M. C. (2014). Holocene Sediment Dynamics in the Vicinity of a Roman battlefield near Osnabrück (NW-Germany). *Zeitschrift für Geomorphologie* **58**, 97-117.
- Campbell, G. E., Walker, R. T., Abdurakhmatov, K., Schwenninger, J. L., Jackson, J., Elliott, J. R., and Copley, A. (2013). The Dzungarian fault: Late Quaternary tectonics and slip rate of a major right-lateral strike-slip fault in the northern Tien Shan region. *Journal of Geophysical Research: Solid Earth* **118**, 5681-5698.
- Carvalhido, R. P., Pereira, D. I., Cunha, P. P., Buylaert, J.-P., and Murray, A. S. (2014). Characterization and dating of coastal deposits of NW Portugal (Minho–Neiva area): A record of climate, eustasy and crustal uplift during the Quaternary. *Quaternary International* **328–329**, 94-106.
- Cassen, S., Blain, S., Guibert, P., Querré, G., and Chaigneau, C. (2013). Les pierres dressées de la forêt du Gâvre (Loire-Atlantique) : nature et origine des matériaux, premiers éléments de chronologie (14C, OSL). *ArchéoSciences* **37**, 173-188.
- Chapot, M. S., Duller, G. A. T., and Roberts, H. M. (2014). Assessing the impact of pulsed-irradiation procedures on the thermally transferred OSL signal in quartz. *Radiation Measurements* **65**, 1-7.
- Choi, J. H., Kim, M. J., Cheong, C. S., and Hong, D. G. (2014). Development of OSL system using two high-density blue LEDs equipped with liquid light guides. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **323**, 19-24.
- Choi, K. H., Choi, J.-H., and Kim, J. W. (2014). Reconstruction of Holocene coastal progradation on the east coast of Korea based on OSL dating and GPR surveys of beach-foredune ridges. *The Holocene* **24**, 24-34.
- Clemmensen, L. B., Bendixen, M., Hede, M. U., Kroon, A., Nielsen, L., and Murray, A. S. (2014). Morphological records of storm floods exemplified by the impact of the 1872 Baltic storm on a sandy spit system in south-eastern Denmark. *Earth Surface Processes and Landforms* **39**, 499-508.
- Cordier, S., Frechen, M., and Harmand, D. (2014). Dating fluvial erosion: fluvial response to climate change in the Moselle catchment (France, Germany) since the Late Saalian. *Boreas* **43**, 450-468.
- Doğan, M., and Meriç, N. (2014). 650 nm Laser stimulated dating from Side Antique Theatre, Turkey. *Radiation Physics and Chemistry* **96**, 60-68.
- Douka, K., Jacobs, Z., Lane, C., Grün, R., Farr, L., Hunt, C., Inglis, R. H., Reynolds, T., Albert, P., Aubert, M., Cullen, V., Hill, E., Kinsley, L., Roberts, R. G., Tomlinson, E. L., Wulf, S., and Barker, G. (2014). The chronostratigraphy of the Haua Fteah cave (Cyrenaica, northeast Libya). *Journal of Human Evolution* **66**, 39-63.

- Dube-Loubert, H., Roy, M., Allard, G., Lamothe, M., and Veillette, J. J. (2013). Glacial and nonglacial events in the eastern James Bay lowlands, Canada. *Canadian Journal of Earth Sciences* **50**, 379-396.
- Fan, Q., Ma, H., Wei, H., and An, F. (2014). Holocene lake-level changes of Hurleg Lake on northeastern Qinghai-Tibetan Plateau and possible forcing mechanism. *The Holocene* **24**, 274-283.
- Fan, Y., Chen, X., Fan, T., Jin, M., Liu, J., and Chen, F. (2013). Sedimentary and OSL dating evidence for the development of the present Hobq desert landscape, northern China. *Science China Earth Sciences* **56**, 2037-2044.
- Fiebig, M., Herbst, P., Drescher-Schneider, R., Lüthgens, C., Lomax, J., and Doppler, G. (2014). Some remarks about a new Last Glacial record from the western Salzach foreland glacier basin (Southern Germany). *Quaternary International* **328–329**, 107-119.
- Fitzsimmons, K. E., Stern, N., and Murray-Wallace, C. V. (2014). Depositional history and archaeology of the central Lake Mungo lunette, Willandra Lakes, southeast Australia. *Journal of Archaeological Science* **41**, 349-364.
- Fuchs, M. C., Gloaguen, R., Krbetschek, M., and Szulc, A. (2014). Rates of river incision across the main tectonic units of the Pamir identified using optically stimulated luminescence dating of fluvial terraces. *Geomorphology* **216**, 79-92.
- Gaar, D., Lowick, S., and Preusser, F. (2014). Performance of different luminescence approaches for the dating of known-age glaciofluvial deposits from northern Switzerland. *Geochronometria* **41**, 65-80.
- Gallen, S. F., Wegmann, K. W., Bohnenstiehl, D. R., Pazzaglia, F. J., Brandon, M. T., and Fassoulas, C. (2014). Active simultaneous uplift and margin-normal extension in a forearc high, Crete, Greece. *Earth and Planetary Science Letters* **398**, 11-24.
- García, A. F., and Mahan, S. A. (2014). The notion of climate-driven strath-terrace production assessed via dissimilar stream-process response to late Quaternary climate. *Geomorphology* **214**, 223-244.
- Garcia, A. L., Knott, J. R., Mahan, S. A., and Bright, J. (2014). Geochronology and paleoenvironment of pluvial Harper Lake, Mojave Desert, California, USA. *Quaternary Research* **81**, 305-317.
- Gliganic, L. A., Cohen, T. J., May, J.-H., Jansen, J. D., Nanson, G. C., Dosseto, A., Larsen, J. R., and Aubert, M. (2014). Late-Holocene climatic variability indicated by three natural archives in arid southern Australia. *The Holocene* **24**, 104-117.
- Gong, Z., Li, S.-H., and Li, B. (2014). The evolution of a terrace sequence along the Manas River in the northern foreland basin of Tian Shan, China, as inferred from optical dating. *Geomorphology* **213**, 201-212.
- Gong, Z., Sun, J., Lü, T., and Tian, Z. (2014). Investigating the optically stimulated luminescence dose saturation behavior for quartz grains from dune sands in China. *Quaternary Geochronology* **22**, 137-143.
- González, J. L., Shen, Z., and Mauz, B. (2014). New constraints on holocene uplift rates for the baudo mountain range, northwestern Colombia. *Journal of South American Earth Sciences* **52**, 194-202.
- Greenbaum, N., Ekshtain, R., Malinsky-Buller, A., Porat, N., and Hovers, E. (2014). The stratigraphy and paleogeography of the Middle Paleolithic open-air site of ‘Ein Qashish, Northern Israel. *Quaternary International* **331**, 203-215.
- Guedes, C. C. F., Sawakuchi, A. O., Giannini, P. C. F., Dewitt, R., and Aguiar, V. A. P. (2013). Luminescence characteristics of quartz from Brazilian sediments and constraints for OSL dating. *Anais Da Academia Brasileira De Ciencias* **85**, 1303-1316.
- Guérin, G., and Lefèvre, J.-C. (2014). A low cost TL-OSL reader dedicated to high temperature studies. *Measurement* **49**, 26-33.
- Guerreiro, R. L., Stevaux, J. C., Parolin, M., and Assine, M. L. (2013). Late Pleistocene and Holocene paleoenvironments in ponds and alluvial sediments of Upper Parana river, Brazil. *Revista Brasileira De Paleontologia* **16**, 39-46.
- Gunderson, K. L., Pazzaglia, F. J., Picotti, V., Anastasio, D. A., Kodama, K. P., Rittenour, T., Frankel, K. F., Ponza, A., Berti, C., Negri, A., and Sabbatini, A. (2014). Unraveling tectonic and climatic controls on synorogenic growth strata (Northern Apennines, Italy). *Bulletin of the Geological Society of America* **126**, 532-552.

- Gurrola, L. D., Keller, E. A., Chen, J. H., Owen, L. A., and Spencer, J. Q. (2014). Tectonic geomorphology of marine terraces: Santa Barbara fold belt, California. *Geological Society of America Bulletin* **126**, 219-233.
- Han, W., Ma, Z., Lai, Z., Appel, E., Fang, X., and Yu, L. (2014). Wind erosion on the north-eastern Tibetan Plateau: constraints from OSL and U-Th dating of playa salt crust in the Qaidam Basin. *Earth Surface Processes and Landforms* **39**, 779-789.
- Henshilwood, C. S., van Niekerk, K. L., Wurz, S., Delagnes, A., Armitage, S. J., Rifkin, R. F., Douze, K., Keene, P., Haaland, M. M., Reynard, J., Discamps, E., and Mienies, S. S. (2014). Klipdrift Shelter, southern Cape, South Africa: preliminary report on the Howiesons Poort layers. *Journal of Archaeological Science* **45**, 284-303.
- Hoffecker, J. F., Holliday, V. T., Stepanchuk, V. N., Brugère, A., Forman, S. L., Goldberg, P., Tubolzev, O., and Pisarev, I. (2014). Geoarchaeological and Bioarchaeological Studies at Mira, an Early Upper Paleolithic Site in the Lower Dnepr Valley, Ukraine. *Geoarchaeology* **29**, 61-77.
- Housley, R. A., MacLeod, A., Armitage, S. J., Kabaciński, J., and Gamble, C. S. (2014). The potential of cryptotephra and OSL dating for refining the chronology of open-air archaeological windblown sand sites: A case study from Mirkowice 33, northwest Poland. *Quaternary Geochronology* **20**, 99-108.
- Hu, G., Yi, C.-L., Zhang, J.-F., Liu, J.-H., Jiang, T., and Qin, X. (2014). Optically stimulated luminescence dating of a moraine and a terrace in Laohugou valley, western Qilian Shan, northeastern Tibet. *Quaternary International* **321**, 37-49.
- Huckleberry, G., and Rittenour, T. (2014). Combining radiocarbon and single-grain optically stimulated luminescence methods to accurately date pre-ceramic irrigation canals, Tucson, Arizona. *Journal of Archaeological Science* **41**, 156-170.
- Jamšek Rupnik, P., Benedetti, L., Preusser, F., Bavec, M., and Vrabec, M. (2014). Geomorphic evidence of recent activity along the Vodice thrust fault in the Ljubljana Basin (Slovenia) – a preliminary study. *Annals of Geophysics* **56**, 10.4401/ag-6252. .
- Junjie, R., Xiwei, X., Yeats, R. S., and Shimin, Z. (2013). Latest Quaternary paleoseismology and slip rates of the Longriba fault zone, eastern Tibet: Implications for fault behavior and strain partitioning. *Tectonics* **32**, 216-38.
- Kaiser, K., Küster, M., Fülling, A., Theuerkauf, M., Dietze, E., Graventein, H., Koch, P. J., Bens, O., and Brauer, A. (2014). Littoral landforms and pedosedimentary sequences indicating late Holocene lake-level changes in northern central Europe — A case study from northeastern Germany. *Geomorphology* **216**, 58-78.
- Kalbe, J., Sharon, G., Porat, N., Zhang, C., and Mischke, S. (2014). Geological setting and age of the Middle Paleolithic site of Nahal Mahanayeeem Outlet (Upper Jordan Valley, Israel). *Quaternary International* **331**, 139-148.
- Kalita, J. M., and Wary, G. (2014). Thermoluminescence study of X-ray and UV irradiated natural calcite and analysis of its trap and recombination level. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **125**, 99-103.
- Kars, R. H., Reimann, T., and Wallinga, J. (2014). Are feldspar SAR protocols appropriate for post-IR IRSL dating? *Quaternary Geochronology* **22**, 126-136.
- Kaur, N., Singh, M., Singh, L., and Lochab, S. P. (2013). Investigation of thermoluminescence characteristics of gamma irradiated phlogopite mica. *Radiation Physics and Chemistry* **87**, 26-30.
- Kehl, M., Burow, C., Cantalejo, P., Durán, J. J., Henselowsky, F., Klasen, N., Medianero, F. J., Ramos, J. J., Reicherter, K., Schmidt, C., and Weniger, G.-C. (2013). The Palaeolithic site Sima de Las Palomas de Teba, Southern Spain – Site formation processes and chronostratigraphy. In "Proc. of the VIII Reunión de Cuaternario Ibérico." pp. 136-140, La Rinconada, Sevilla.
- Kijek, N., and Chruścińska, A. (2014). Estimation of OSL trap parameters by optical “cleaning” — a critical study. *Geochronometria* **41**, 160-167.
- Kim, K.-B., and Hong, D.-G. (2014). Kinetic parameters, bleaching and radiation response of thermoluminescence glow peaks separated by deconvolution on Korean calcite. *Radiation Physics and Chemistry* **103**, 16-21.
- King, G. E., Robinson, R. A. J., and Finch, A. A. (2014). Towards successful OSL sampling strategies in glacial environments: deciphering the influence of depositional processes on bleaching of modern glacial sediments from Jostedalen, Southern Norway. *Quaternary Science Reviews* **89**, 94-107.

- Kortov, V. S., Zvonarev, S. V., Pustovarov, V. A., and Slesarev, A. I. (2014). Features of thermoluminescence in anion-defective alumina single crystals after highdose irradiation. *Radiation Measurements* **61**, 74-77.
- Koul, D. K., Patil, P. G., Oniya, E. O., and Polymeris, G. S. (2014). Investigating the thermally transferred optically stimulated luminescence source trap in fired geological quartz. *Radiation Measurements* **62**, 60-70.
- Kreutzer, S., Lauer, T., Meszner, S., Kröbelschek, M., Faust, D., and Fuchs, M. (2014). Chronology of the Quaternary profile Zeuchfeld in Saxony-Anhalt/Germany - a preliminary luminescence dating study. *Zeitschrift für Geomorphologie* **58**, 5-26.
- Kunz, A., Pflanz, D., Weniger, T., Urban, B., Krüger, F., and Chen, Y.-G. (2014). Optically stimulated luminescence dating of young fluvial deposits of the Middle Elbe River Flood Plains using different age models. *Geochronometria* **41**, 36-56.
- Küster, M., Fülling, A., Kaiser, K., and Ulrich, J. (2014). Aeolian sands and buried soils in the Mecklenburg Lake District, NE Germany: Holocene land-use history and pedo-geomorphic response. *Geomorphology* **211**, 64-76.
- Lai, Z., and Fan, A. (2014). Examining quartz OSL age underestimation for loess samples from Luochuan in the Chinese Loess Plateau. *Geochronometria* **41**, 57-64.
- Lai, Z., Mischke, S., and Madsen, D. (2014). Paleoenvironmental implications of new OSL dates on the formation of the "Shell Bar" in the Qaidam Basin, northeastern Qinghai-Tibetan Plateau. *Journal of Paleolimnology* **51**, 197-210.
- Larsen, N. K., Funder, S., Kjær, K. H., Kjeldsen, K. K., Knudsen, M. F., and Linge, H. (2014). Rapid early Holocene ice retreat in West Greenland. *Quaternary Science Reviews* **92**, 310-323.
- Lauer, T., von Suchodolete, H., Vollmann, H., Meszner, S., Frechen, M., Tinapp, C., Goldmann, L., Mueller, S., and Zielhofer, C. (2014). Landscape aridification in Central Germany during the late Weichselian Pleniglacial - results from the Zauschwitz loess site in western Saxony. *Zeitschrift für Geomorphologie* **58**, 27-50.
- Lee, S. Y., Seong, Y. B., Owen, L. A., Murari, M. K., Lim, H. S., Yoon, H. I., and Yoo, K.-C. (2014). Late Quaternary glaciation in the Nun-Kun massif, northwestern India. *Boreas* **43**, 67-89.
- Lehmkuhl, F., Schulte, P., Zhao, H., Hülle, D., Protze, J., and Stauch, G. (2014). Timing and spatial distribution of loess and loess-like sediments in the mountain areas of the northeastern Tibetan Plateau. *CATENA* **117**, 23-33.
- Leighton, C. L., Thomas, D. S. G., and Bailey, R. M. (2014). Reproducibility and utility of dune luminescence chronologies. *Earth-Science Reviews* **129**, 24-39.
- Li, B., Roberts, R. G., Jacobs, Z., and Li, S.-H. (2014). A single-aliquot luminescence dating procedure for K-feldspar based on the dose-dependent MET-pIRIR signal sensitivity. *Quaternary Geochronology* **20**, 51-64.
- Li, G., Jin, M., Wen, L., Zhao, H., Madsen, D., Liu, X., Wu, D., and Chen, F. (2014). Quartz and K-feldspar optical dating chronology of eolian sand and lacustrine sequence from the southern Ulan Buh Desert, NW China: Implications for reconstructing late Pleistocene environmental evolution. *Palaeogeography, Palaeoclimatology, Palaeoecology* **393**, 111-121.
- Liu, D., Chen, G., Lai, Z., Wei, H., Zhou, G., and Peng, M. (2013). Late Glacial and Holocene vegetation and climate history of an alpine wetland on the Qinghai-Tibetan Plateau. *Geological Quarterly* **57**, 261-268.
- Liu, H., Takagawa, T., and Sato, S. (2014). Sand Transport and Sedimentary Features Based on Feldspar Thermoluminescence: A Synthesis of the Tenryu-Enshunada Fluvial System, Japan. *Journal of Coastal Research* **30**, 120-129.
- Long, H., Shen, J., Tsukamoto, S., Chen, J., Yang, L., and Frechen, M. (2014). Dry early Holocene revealed by sand dune accumulation chronology in Bayanbulak Basin (Xinjiang, NW China). *The Holocene* **24**, 614-626.
- López-Recio, M., Silva, P. G., Tapias, F., Roquero, E., Baena, J., Carrancho, A., Arteaga, C., Morín, J., Rus, I., and Villalaín, J. J. (2014). Geochronology and geoarchaeology of Pleistocene fluvial deposits in the Prados-Guatén Depression (Madrid Basin, Central Spain). *Quaternary International* **328-329**, 120-135.
- Lü, T., Sun, J., Li, S.-H., Gong, Z., and Xue, L. (2014). Vertical variations of luminescence sensitivity of quartz grains from loess/paleosol of Luochuan section in the central Chinese Loess Plateau since the last interglacial. *Quaternary Geochronology* **22**, 107-115.

- Lubinski, P. M., Feathers, J., and Lillquist, K. (2014). Single-Grain Luminescence Dating of Sediment Surrounding a Possible Late Pleistocene Artifact from the Wenas Creek Mammoth Site, Pacific Northwest, USA. *Geoarchaeology* **29**, 16-32.
- Madsen, D. B., Lai, Z., Sun, Y., Rhode, D., Liu, X., and Brantingham, P. J. (2014). Late Quaternary Qaidam lake histories and implications for an MIS 3 "Greatest Lakes" period in northwest China. *Journal of Paleolimnology* **51**, 161-177.
- Marković, S. B., Timar-Gabor, A., Stevens, T., Hambach, U., Popov, D., Tomić, N., Obreht, I., Jovanović, M., Lehmkuhl, F., Kels, H., Marković, R., and Gavrilov, M. B. (2014). Environmental dynamics and luminescence chronology from the Orlovat loess-palaeosol sequence (Vojvodina, northern Serbia). *Journal of Quaternary Science* **29**, 189-199.
- Marks, L., Gałazka, D., Krzumińska, J., Nita, M., Stachowicz-Rybka, R., Witkowski, A., Woronko, B., and Dobosz, S. (2014). Marine transgressions during Eemian in northern Poland: A high resolution record from the type section at Cierpięta. *Quaternary International* **328-329**, 45-59.
- Martini, M., Fasoli, M., and Villa, I. (2014). Defect studies in quartz: Composite nature of the blue and UV emissions. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **327**, 15-21.
- McDowell Peek, K., Mallinson, D. J., Culver, S. J., and Mahan, S. A. (2014). Holocene Geologic Development of the Cape Hatteras Region, Outer Banks, North Carolina, USA. *Journal of Coastal Research* **30**, 41-58.
- Medialdea, A., Thomsen, K. J., Murray, A. S., and Benito, G. (2014). Reliability of equivalent-dose determination and age-models in the OSL dating of historical and modern palaeoflood sediments. *Quaternary Geochronology* **22**, 11-24.
- Meier, H. A., Driese, S. G., Nordt, L. C., Forman, S. L., and Dworkin, S. I. (2014). Interpretation of Late Quaternary climate and landscape variability based upon buried soil macro- and micromorphology, geochemistry, and stable isotopes of soil organic matter, Owl Creek, central Texas, USA. *Catena* **114**, 157-168.
- Moncel, M.-H., Despriee, J., Voinchet, P., Tissoux, H., Moreno, D., Bahain, J.-J., Courcimault, G., and Falgueres, C. (2013). Early Evidence of Acheulean Settlement in Northwestern Europe - La Noira Site, a 700 000 Year-Old Occupation in the Center of France. *Plos One* **8**.
- Munyikwa, K., and Brown, S. (2014). Rapid equivalent dose estimation for eolian dune sands using a portable OSL reader and polymimetic standardised luminescence growth curves: Expedited sample screening for OSL dating. *Quaternary Geochronology* **22**, 116-125.
- Murray, A. S., Schmidt, E. D., Stevens, T., Buylaert, J. P., Marković, S. B., Tsukamoto, S., and Frechen, M. (2014). Dating Middle Pleistocene loess from Stari Slankamen (Vojvodina, Serbia) — Limitations imposed by the saturation behaviour of an elevated temperature IRSL signal. *CATENA* **117**, 34-42.
- Nagar, Y. C. G., Ashwagosh; Satyawali, Promod K.; Juyal, Navin. (2013). Preliminary optical chronology suggests significant advance in Nubra valley glaciers during the Last Glacial Maximum. *Current Science* **105**, 96-101.
- Nazari, H., Ritz, J. F., Walker, R. T., Salamat, R., Rizza, M., Patnaik, R., Hollingsworth, J., Alimohammadian, H., Jalali, A., Firouz, A. K., and Shahidi, A. (2014). Palaeoseismic evidence for a medieval earthquake, and preliminary 0 Cross Mark estimate of late Pleistocene slip-rate, on the Firouzkuh strike-slip fault in the Central Alborz region of Iran. *Journal of Asian Earth Sciences* **82**, 124-135.
- Neudorf, C. M., Roberts, R. G., and Jacobs, Z. (2014). Assessing the time of final deposition of Youngest Toba Tuff deposits in the Middle Son Valley, northern India. *Palaeogeography, Palaeoclimatology, Palaeoecology* **399**, 127-139.
- Neudorf, C. M., Roberts, R. G., and Jacobs, Z. (2014). Testing a model of alluvial deposition in the Middle Son Valley, Madhya Pradesh, India — IRSL dating of terraced alluvial sediments and implications for archaeological surveys and palaeoclimatic reconstructions. *Quaternary Science Reviews* **89**, 56-69.
- Nichol, J. E., and Nichol, D. W. (2013). Pleistocene loess in the humid subtropical forest zone of East Asia. *Geophysical Research Letters* **40**, 1978-1983.

- Nunes, E. H. M., Lameiras, F. S., Houmar, M., and Vasconcelos, W. L. (2013). Spectroscopic study of natural quartz samples. *Radiation Physics and Chemistry* **90**, 79-86.
- Pagonis, V., Morthekai, P., and Kitis, G. (2014). Kinetic analysis of thermoluminescence glow curves in feldspar: evidence for a continuous distribution of energies. *Geochronometria* **41**, 168-177.
- Pan, M., Wu, Y., Zheng, Y., and Tan, L. (2014). Holocene aeolian activity in the Dinggye area (Southern Tibet, China). *Aeolian Research* **12**, 19-27.
- Pascucci, V., Sechi, D., and Andreucci, S. (2014). Middle Pleistocene to Holocene coastal evolution of NW Sardinia (Mediterranean Sea, Italy). *Quaternary International* **328–329**, 3-20.
- Pederson, J., Burnside, N., Shipton, Z., and Rittenour, T. (2013). Rapid river incision across an inactive fault-Implications for patterns of erosion and deformation in the central Colorado Plateau. *Lithosphere* **5**, 513-520.
- Pitkänta, R., Lunkka, J.-P., and Eskola, K. O. (2014). Lithostratigraphy and Optically Stimulated Luminescence age determinations of pre-Late Weichselian deposits in the Suupohja area, western Finland. *Boreas* **43**, 193-207.
- Plotzki, A., May, J. H., Preusser, E., and Veit, H. (2013). Geomorphological and sedimentary evidence for late Pleistocene to Holocene hydrological change along the Rio Mamore, Bolivian Amazon. *Journal of South American Earth Sciences* **47**, 230-242.
- Qiu, W.-L., Zhang, J.-F., Wang, X.-Y., Guo, Y.-J., Zhuang, M.-G., Fu, X., and Zhou, L.-P. (2014). The evolution of the Shiwanghe River valley in response to the Yellow River incision in the Hukou area, Shaanxi, China. *Geomorphology* **215**, 34-44.
- Ren, J., Zhang, S., Meigs, A. J., Yeats, R. S., Ding, R., and Shen, X. (2014). Tectonic controls for transverse drainage and timing of the Xin-Ding paleolake breach in the upper reach of the Hutuo River, north China. *Geomorphology* **206**, 452-467.
- Reynaud, J. F., Guibert, P., Bouvier, A., Lanos, P., and Dufresne, P. (2012). Saint-Irénée (Lyon): Une église funéraire des Ve-VIIe-Xe siècles. *Revue archéologique de l'Est* **61**, 223-258.
- Richter, D., Angelucci, D. E., Dias, M. I., Prudêncio, M. I., Gouveia, M. A., Cardoso, G. J., Burbidge, C. I., and Zilhão, J. (2014). Heated flint TL-dating for Gruta da Oliveira (Portugal): dosimetric challenges and comparison of chronometric data. *Journal of Archaeological Science* **41**, 705-715.
- Roberts, P., Delson, E., Miracle, P., Ditchfield, P., Roberts, R. G., Jacobs, Z., Blinkhorn, J., Ciochon, R. L., Fleagle, J. G., Frost, S. R., Gilbert, C. C., Gunnell, G. F., Harrison, T., Korisettar, R., and Petraglia, M. D. (2014). Continuity of mammalian fauna over the last 200,000 y in the Indian subcontinent. *Proceedings of the National Academy of Sciences* **111**, 5848-5853.
- Rockwell, T. K., Ragana, D. E., Meigs, A. J., Owen, L. A., Costa, C. H., and Ahumada, E. A. (2014). Inferring a Thrust Related Earthquake History from Secondary Faulting: A Long Rupture Record of La Laja Fault, San Juan, Argentina. *Bulletin of the Seismological Society of America* **104**, 269-284.
- Roman-Lopez, J., Correcher, V., Garcia-Guinea, J., Rivera, T., and Lozano, I. B. (2014). Thermal and electron stimulated luminescence of natural bones, commercial hydroxyapatite and collagen. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **120**, 610-615.
- Rosina, P., Voinchet, P., Bahain, J.-J., Cristovão, J., and Falguères, C. (2014). Dating the onset of Lower Tagus River terrace formation using electron spin resonance. *Journal of Quaternary Science* **29**, 153-162.
- Sanjurjo-Sánchez, J., Alves, C., and Lobarinhos, D. (2013). Estimating the Age of Lime Mortars by Luminescence to Measure Pollution Rates. In "Advanced Materials Forum Vi, Pts 1 and 2." (A. M. P. Pinto, and A. S. Pouzada, Eds.), pp. 598-603. Materials Science Forum.
- Sanjurjo-Sánchez, J., and Montero Fenollós, J.-L. (2014). A Late Bronze Age site and fluvial environmental context in the Middle Euphrates Valley (Northeast Syria). *The Holocene* **24**, 743-748.
- Schaetzl, R. J., Forman, S. L., and Attig, J. W. (2014). Optical ages on loess derived from outwash surfaces constrain the advance of the Laurentide Ice Sheet out of the Lake Superior Basin, USA. *Quaternary Research* **81**, 318-329.

- Shao, Q., Bahain, J.-J., Dolo, J.-M., and Falguères, C. (2014). Monte Carlo approach to calculate US-ESR age and age uncertainty for tooth enamel. *Quaternary Geochronology* **22**, 99-106.
- Shitaoka, Y., Miyoshi, M., Yamamoto, J., Shibata, T., Nagatomo, T., and Takemura, K. (2014). Thermoluminescence age of quartz xenocrysts in basaltic lava from Oninomi monogenetic volcano, northern Kyushu, Japan. *Geochronometria* **41**, 30-35.
- Sholom, S., and McKeever, S. W. S. (2014). Emergency OSL dosimetry with commonplace materials. *Radiation Measurements* **61**, 33-51.
- Sim, A. K., Thomsen, K. J., Murray, A. S., Jacobsen, G., Drysdale, R., and Erskine, W. (2014). Dating recent floodplain sediments in the Hawkesbury-Nepean River system, eastern Australia using single-grain quartz OSL. *Boreas* **43**, 1-21.
- Skinner, A. R., Blackwell, B. A. B., Kleindienst, M. R., Smith, J. R., Kieniewicz, J. M., Adelsberger, K. A., Churcher, C. S. R., Deely, A. E., Mashriqi, F., Spiller, K. V., Blickstein, J. I. B., Gong, J. J. J., and Long, R. A. (2013). Reconstructing Paleoenvironments in the Western Desert, Egypt: ESR Dating Freshwater Molluscs from Kharga Oasis. In "Archaeological Chemistry Viii." (R. A. Armitage, and J. H. Burton, Eds.), pp. 321-364. ACS Symposium Series.
- Solongo, S., Richter, D., Begzjav, T., and Hublin, J.-J. (2014). OSL and TL characteristics of fine grain quartz from Mongolian prehistoric pottery used for dating. *Geochronometria* **41**, 15-23.
- Sprafke, T., Thiel, C., and Terhorst, B. (2014). From micromorphology to palaeoenvironment: The MIS 10 to MIS 5 record in Paudorf (Lower Austria). *CATENA* **117**, 60-72.
- Stauch, G., Pötsch, S., Zhao, H., and Lehmkuhl, F. (2014). Interaction of geomorphological processes on the north-eastern Tibetan Plateau during the Holocene, an example from a sub-catchment of Lake Donggi Cona. *Geomorphology* **210**, 23-35.
- Sun, Y., Qiang, X., Liu, Q., Bloemendal, J., and Wang, X. (2013). Timing and lock-in effect of the Laschamp geomagnetic excursion in Chinese Loess. *Geochemistry Geophysics Geosystems* **14**, 4952-4961.
- Svendsen, J. I., Krüger, L. C., Mangerud, J., Astakhov, V. I., Paus, A., Nazarov, D., and Murray, A. (2014). Glacial and vegetation history of the Polar Ural Mountains in northern Russia during the Last Ice Age, Marine Isotope Stages 5–2. *Quaternary Science Reviews* **92**, 409-428.
- Teixeira, M. I., and Caldas, L. V. E. (2014). OSL technique for studies of jasper samples. *Radiation Physics and Chemistry* **95**, 148-150.
- Thiel, C., Horváth, E., and Frechen, M. (2014). Revisiting the loess/palaeosol sequence in Paks, Hungary: A post-IR IRSL based chronology for the 'Young Loess Series'. *Quaternary International* **319**, 88-98.
- Topaksu, M., Dogan, T., Yüksel, M., Kurt, K., Topak, Y., and Yeginil, Z. (2014). Comparative study of the thermoluminescence properties of natural metamorphic quartz belonging to Turkey and Spain. *Radiation Physics and Chemistry* **96**, 223-228.
- Trauerstein, M., Lowick, S. E., Preusser, F., and Schlunegger, F. (2014). Small aliquot and single grain IRSL and post-IR IRSL dating of fluvial and alluvial sediments from the Pativilca valley, Peru. *Quaternary Geochronology* **22**, 163-174.
- Tsukamoto, S., Kataoka, K., Oguchi, T., Murray, A. S., and Komatsu, G. (2014). Luminescence dating of scoria fall and lahar deposits from Somma-Vesuvius, Italy. *Quaternary Geochronology* **20**, 39-50.
- Vandenbergh, D. A. G., Flas, D., De Dapper, M., Van Nieuland, J., Kolobova, K., Pavlenok, K., Islamov, U., De Pelsmaeker, E., Debeer, A. E., and Buylaert, J. P. (2014). Revisiting the Palaeolithic site of Kulbulak (Uzbekistan): First results from luminescence dating. *Quaternary International* **324**, 180-189.
- Visocekas, R., Barthou, C., and Blanc, P. (2014). Thermal quenching of far-red Fe³⁺ thermoluminescence of volcanic K-feldspars. *Radiation Measurements* **61**, 52-73.
- Wacha, L., Galovic, L., Koloszar, L., Magyari, A., Chikan, G., and Marsi, I. (2013). The chronology of the Sarengrad II loess-palaeosol section (Eastern Croatia). *Geologija Croatica* **66**, 191-203.

- Wang, P., Chen, J., Dai, F., Long, W., Xu, C., Sun, J., and Cui, Z. (2014). Chronology of relict lake deposits around the Suwalong paleolandslide in the upper Jinsha River, SE Tibetan Plateau: Implications to Holocene tectonic perturbations. *Geomorphology* **217**, 193-203.
- Wang, S., Lu, H., Zhang, H., Sun, X., Yi, S., Chen, Y., Zhang, G., Xing, L., and Sun, W. (2014). Newly discovered Palaeolithic artefacts from loess deposits and their ages in Lantian, central China. *Chinese Science Bulletin* **59**, 651-661.
- Wang, X., van Balen, R., Yi, S., Vandenberghe, J., and Lu, H. (2014). Differential tectonic movements in the confluence area of the Huang Shui and Huang He rivers (Yellow River), NE Tibetan Plateau, as inferred from fluvial terrace positions. *Boreas* **43**, 469-484.
- Wang, X. L., Wintle, A. G., and Adamiec, G. (2014). Post-IR IRSL production in perthitic feldspar. *Radiation Measurements* **64**, 1-8.
- Yang, S., Forman, S. L., Song, Y., Pierson, J., Mazzocco, J., Li, X., Shi, Z., and Fang, X. (2014). Evaluating OSL-SAR protocols for dating quartz grains from the loess in Ili Basin, Central Asia. *Quaternary Geochronology* **20**, 78-88.
- Youn, J. H., Seong, Y. B., Choi, J. H., Abdurakhmatov, K., and Ormukov, C. (2014). Loess deposits in the northern Kyrgyz Tien Shan: Implications for the paleoclimate reconstruction during the Late Quaternary. *CATENA* **117**, 81-93.
- Zaidner, Y., Frumkin, A., Porat, N., Tsatskin, A., Yeshurun, R., and Weissbrod, L. (2014). A series of Mousterian occupations in a new type of site: The Nesher Ramla karst depression, Israel. *Journal of Human Evolution* **66**, 1-17.
- Zhang, Y., Huang, C. C., Pang, J., Zhou, Y., Zha, X., Wang, L., Zhou, L., Guo, Y., and Wang, L. (2014). A luminescence dating study of the sediment stratigraphy of the Lajia Ruins in the upper Yellow River valley, China. *Journal of Asian Earth Sciences* **87**, 157-164.
- Zheng, W.-J., Zhang, H.-P., Zhang, P.-Z., Molnar, P., Liu, X.-W., and Yuan, D.-Y. (2013). Late Quaternary slip rates of the thrust faults in western Hexi Corridor (Northern Qilian Shan, China) and their implications for northeastward growth of the Tibetan Plateau. *Geosphere* **9**, 342-354.
- Zheng, W.-J., Zhang, P.-Z., Ge, W.-P., Molnar, P., Zhang, H.-P., Yuan, D.-Y., and Liu, J.-H. (2013). Late Quaternary slip rate of the South Heli Shan Fault (northern Hexi Corridor, NW China) and its implications for northeastward growth of the Tibetan Plateau. *Tectonics* **32**, 271-293.
- Zöller, L., Richter, D., Masuth, S., Wunner, L., Fischer, M., and Antl-Weiser, W. (2013). Luminescence chronology of the Grub-Kranawetberg site, Austria. *Eiszeitalter & Gegenwart / Quaternary Science Journal* **62**, 127-135.

