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Bibliography

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Alexanderson, H., and Fabel, D. (2015). Holocene Chronology of the Brattforsheden Delta and Inland Dune Field, Sw Sweden. *Geochronometria* **42,** 1-16.

Antoine, P., Goval, E., Jamet, G., Coutard, S., Moine, O., Hérisson, D., Auguste, P., Guérin, G., Lagroix, F., Schmidt, E., Robert, V., Debenham, N., Meszner, S., and Bahain, J. J. (2014). Les séquences loessiques pléistocène supérieur d'havrincourt (Pas-de-Calais, France): Stratigraphie, paléoenvironnements, géochronologie et occupations paléolithiques. *Quaternaire* **25,** 321-368.

Arbogast, A. F., Luehmann, M. D., Miller, B. A., Wernette, P. A., Adams, K. M., Waha, J. D., O'Neil, G. A., Tang, Y., Boothroyd, J. J., Babcock, C. R., Hanson, P. R., and Young, A. R. (2015). Late-Pleistocene paleowinds and aeolian sand mobilization in north-central Lower Michigan. *Aeolian Research* **16,** 109-116.

Asfora, V. K., Guzzo, P. L., Pessis, A.-M., Barros, V. S. M., Watanabe, S., and Khoury, H. J. (2014). Characterization of the burning conditions of archaeological pebbles using the thermal sensitization of the 110 °C TL peak of quartz. *Radiation Measurements* **71,** 485-489.

Aydaş, C., and Aydın, T. (2015). An investigation of the dosimetric and kinetic properties of sand using ESR and TL techniques. *Applied Radiation and Isotopes* **101,** 65-74.

Bacon, A.-M., Westaway, K., Antoine, P.-O., Duringer, P., Blin, A., Demeter, F., Ponche, J.-L., Zhao, J.-X., Barnes, L. M., Sayavonkhamdy, T., Thuy, N. T. K., Long, V. T., Patole-Edoumba, E., and Shackelford, L. (2015). Late Pleistocene mammalian assemblages of Southeast Asia: New dating, mortality profiles and evolution of the predator–prey relationships in an environmental context. *Palaeogeography, Palaeoclimatology, Palaeoecology* **422,** 101-127.

Bakraji, E. H., Rihawy, M. S., Castel, C., and Abboud, R. (2015). PIXE multivariate statistics and OSL investigation for the classification and dating of archaeological pottery excavated at Tell Al-Rawda site, Syria. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **347,** 20-25.

Bickel, L., Lüthgens, C., Lomax, J., and Fiebig, M. (2015). Luminescence dating of glaciofluvial deposits linked to the penultimate glaciation in the Eastern Alps. *Quaternary International* **357,** 110-124.

Boeda, E., Clemente-Conte, I., Fontugne, M., Lahaye, C., Pino, M., Felice, G. D., Guidon, N., Hoeltz, S., Lourdeau, A., Pagli, M., Pessis, A.-M., Viana, S., Da Costa, A., and Douville, E. (2014). A new late Pleistocene archaeological sequence in South America: the Vale da Pedra Furada (Piaui, Brazil). *Antiquity* **88,** 927-953.

Brown, A. G., Basell, L. S., and Toms, P. S. (2015). A stacked Late Quaternary fluvio-periglacial sequence from the Axe valley, southern England with implications for landscape evolution and Palaeolithic archaeology. *Quaternary Science Reviews* **116,** 106-121.

Burrough, S. L., Thomas, D. S. G., Orijemie, E. A., and Willis, K. J. (2015). Landscape sensitivity and ecological change in western Zambia: The long-term perspective from dambo cut-and-fill sediments. *Journal of Quaternary Science* **30,** 44-58.

Cano, N. F., Munita, C. S., Watanabe, S., Barbosa, R. F., Chubaci, J. F. D., Tatumi, S. H., and Neves, E. G. (2014). OSL and EPR dating of pottery from the archaeological sites in Amazon Valley, Brazil. *Quaternary International* **352,** 176-180.

Cano, N. F., Ribeiro, R. B., Munita, C. S., Watanabe, S., Neves, E. G., and Tamanaha, E. K. (2015). Dating and determination of firing temperature of ancient potteries from São Paulo II archaeological site, Brazil by TL and EPR techniques. *Journal of Cultural Heritage* **16,** 361-364.

Casas, L., Ramírez, J., Navarro, A., Fouzai, B., Estop, E., and Rosell, J. R. (2014). Archaeometric dating of two limekilns in an industrial heritage site in Calders (Catalonia, NE Spain). *Journal of Cultural Heritage* **15,** 550-556.

Chauhan, N., Adhyaru, P., Vaghela, H., and Singhvi, A. K. (2014). EMCCD based luminescence imaging system for spatially resolved geo-chronometric and radiation dosimetric applications. *Journal of Instrumentation* **9,** P11016.

Chen, Y., Li, Y., Wang, Y., Zhang, M., Cui, Z., Yi, C., and Liu, G. (2015). Late Quaternary glacial history of the Karlik Range, easternmost Tian Shan, derived from 10Be surface exposure and optically stimulated luminescence datings. *Quaternary Science Reviews* **115,** 17-27.

Colonge, D., Claud, E., Deschamps, M., Fourloubey, C., Hernandez, M., Sellami, F., Anderson, L., Busseuil, N., Debenham, N., Garon, H., and O'Farrell, M. (2015). Preliminary results from new Palaeolithic open-air sites near Bayonne (south-western France). *Quaternary International* **364,** 109-125.

Constantin, D., Cameniţă, A., Panaiotu, C., Necula, C., Codrea, V., and Timar-Gabor, A. (2015). Fine and coarse-quartz SAR-OSL dating of Last Glacial loess in Southern Romania. *Quaternary International* **357,** 33-43.

Counts, R. C., Murari, M. K., Owen, L. A., Mahan, S. A., and Greenan, M. (2015). Late Quaternary chronostratigraphic framework of terraces and alluvium along the lower Ohio River, southwestern Indiana and western Kentucky, USA. *Quaternary Science Reviews* **110,** 72-91.

Cunningham, A. C., Wallinga, J., Hobo, N., Versendaal, A. J., Makaske, B., and Middelkoop, H. (2015). Re-evaluating luminescence burial doses and bleaching of fluvial deposits using Bayesian computational statistics. *Earth Surf. Dynam.* **3,** 55-65.

Daura, J., Sanz, M., Julià, R., García-Fernández, D., Fornós, J. J., Vaquero, M., Allué, E., López-García, J. M., Blain, H. A., Ortiz, J. E., Torres, T., Albert, R. M., Rodríguez-Cintas, À., Sánchez-Marco, A., Cerdeño, E., Skinner, A. R., Asmeron, Y., Polyak, V. J., Garcés, M., Arnold, L. J., Demuro, M., Pike, A. W. G., Euba, I., Rodríguez, R. F., Yagüe, A. S., Villaescusa, L., Gómez, S., Rubio, A., Pedro, M., Fullola, J. M., and Zilhão, J. (2015). Cova del Rinoceront (Castelldefels, Barcelona): a terrestrial record for the Last Interglacial period (MIS 5) in the Mediterranean coast of the Iberian Peninsula. *Quaternary Science Reviews* **114,** 203-227.

do Nascimento, D. R., Sawakuchi, A. O., Guedes, C. C. F., Giannini, P. C. F., Grohmann, C. H., and Ferreira, M. P. (2015). Provenance of sands from the confluence of the Amazon and Madeira rivers based on detrital heavy minerals and luminescence of quartz and feldspar. *Sedimentary Geology* **316,** 1-12.

Döhler, S., Damm, B., Terhorst, B., Thiel, C., and Frechen, M. (2015). Late Pleistocene and Holocene landscape formation in a gully catchment area in Northern Hesse, Germany. *Quaternary International* **365,** 42-59.

Fruergaard, M., Andersen, T. J., Nielsen, L. H., Johannessen, P. N., Aagaard, T., and Pejrup, M. (2015). High-resolution reconstruction of a coastal barrier system: impact of Holocene sea-level change. *Sedimentology* **62,** 928-969.

Fruergaard, M., Pejrup, M., Murray, A. S., and Andersen, T. J. (2015). On luminescence bleaching of tidal channel sediments. *Geografisk Tidsskrift - Danish Journal of Geography* **115,** 57-65.

Frumkin, A., Zaidner, Y., Na'aman, I., Tsatskin, A., Porat, N., and Vulfson, L. (2015). Sagging and collapse sinkholes over hypogenic hydrothermal karst in a carbonate terrain. *Geomorphology* **229,** 45-57.

Fuchs, M., Reverman, R., Owen, L. A., and Frankel, K. L. (2015). Reconstructing the timing of flash floods using 10Be surface exposure dating at Leidy Creek alluvial fan and valley, White Mountains, California–Nevada, USA. *Quaternary Research* **83,** 178-186.

Galbraith, R. F. (2015). On the mis-use of mathematics: A comment on "How confident are we about the chronology of the transition between Howieson's Poort and Still Bay?" by Guérin et al. (2013). *Journal of Human Evolution* **80,** 184-186.

Gong, Z., Li, B., and Li, S.-H. (2015). Further studies on the relationship between IRSL and BLSL at relatively high temperatures for potassium-feldspar from sediments. *Journal of Luminescence* **159,** 238-245.

Guérin, G., Frouin, M., Talamo, S., Aldeias, V., Bruxelles, L., Chiotti, L., Dibble, H. L., Goldberg, P., Hublin, J.-J., Jain, M., Lahaye, C., Madelaine, S., Maureille, B., McPherron, S. J. P., Mercier, N., Murray, A. S., Sandgathe, D., Steele, T. E., Thomsen, K. J., and Turq, A. (2015). A multi-method luminescence dating of the Palaeolithic sequence of La Ferrassie based on new excavations adjacent to the La Ferrassie 1 and 2 skeletons. *Journal of Archaeological Science* **58,** 147-166.

Guérin, G., Jain, M., Thomsen, K. J., Murray, A. S., and Mercier, N. (2015). Modelling dose rate to single grains of quartz in well-sorted sand samples: The dispersion arising from the presence of potassium feldspars and implications for single grain OSL dating. *Quaternary Geochronology* **27,** 52-65.

Guo, X., Lai, Z., Lu, Y., Li, X., and Sun, Z. (2015). Optically Stimulated Luminescence (OSL) Chronology of the Dehenglong Landslide from Longyang Gorge to Liujia Gorge along Upper Yellow River, China. *Acta Geologica Sinica-English Edition* **89,** 242-250.

Guo, Y., Huang, C. C., Pang, J., Zha, X., Zhou, Y., Wang, L., Zhang, Y., and Hu, G. (2015). Investigating extreme flood response to Holocene palaeoclimate in the Chinese monsoonal zone: A palaeoflood case study from the Hanjiang River. *Geomorphology* **238,** 187-197.

Guralnik, B., Ankjærgaard, C., Jain, M., Murray, A. S., Müller, A., Wälle, M., Lowick, S. E., Preusser, F., Rhodes, E. J., Wu, T. S., Mathew, G., and Herman, F. (2015). OSL-thermochronometry using bedrock quartz: A note of caution. *Quaternary Geochronology* **25,** 37-48.

Gutiérrez, F., Morgan, M. L., Matthews, V., Gutiérrez, M., and Jiménez-Moreno, G. (2015). Relict slope rings and talus flatirons in the Colorado Piedmont: Origin, chronology and paleoenvironmental implications. *Geomorphology* **231,** 146-161.

Hickin, A. S., Lian, O. B., Levson, V. M., and Cui, Y. (2015). Pattern and chronology of glacial Lake Peace shorelines and implications for isostacy and ice-sheet configuration in northeastern British Columbia, Canada. *Boreas* **44,** 288-304.

Hoffmann, G., Grützner, C., Reicherter, K., and Preusser, F. (2015). Geo-archaeological evidence for a Holocene extreme flooding event within the Arabian Sea (Ras al Hadd, Oman). *Quaternary Science Reviews* **113,** 123-133.

Hornblow, S., Quigley, M., Nicol, A., Van Dissen, R., and Wang, N. (2014). Paleoseismology of the 2010 Mw 7.1 Darfield (Canterbury) earthquake source, Greendale Fault, New Zealand. *Tectonophysics* **637,** 178-190.

Horne, D., Lees, B., Cupper, M., and Fitzsimmons, K. (2015). The development of the Princess Charlotte Bay chenier plain: New results and insights. *Marine Geology* **364,** 12-20.

Hoyos, N., Monsalve, O., Berger, G. W., Antinao, J. L., Giraldo, H., Silva, C., Ojeda, G., Bayona, G., Escobar, J., and Montes, C. (2015). A climatic trigger for catastrophic Pleistocene–Holocene debris flows in the Eastern Andean Cordillera of Colombia. *Journal of Quaternary Science* **30,** 258-270.

Hu, X.-F., Du, Y., Liu, X.-J., Zhang, G.-L., Jiang, Y., and Xue, Y. (2015). Polypedogenic case of loess overlying red clay as a response to the Last Glacial–Interglacial cycle in mid-subtropical Southeast China. *Aeolian Research* **16,** 125-142.

Huang, X., Du, Y., He, Z., Ma, B., and Xie, F. (2015). Late Pleistocene–Holocene paleoseismology of the Batang fault (central Tibet plateau, China). *Geomorphology* **239,** 127-141.

Huang, X., Du, Y., He, Z., Ma, B., and Xie, F. (2015). Late Quaternary slip rate of the Batang Fault and its strain partitioning role in Yushu area, central Tibet. *Tectonophysics* **653,** 52-67.

Ibarra, Y., Corsetti, F. A., Feakins, S. J., Rhodes, E. J., and Kirby, M. E. (2015). Fluvial tufa evidence of Late Pleistocene wet intervals from Santa Barbara, California, U.S.A. *Palaeogeography, Palaeoclimatology, Palaeoecology* **422,** 36-45.

Iovita, R., Doboş, A., Fitzsimmons, K. E., Probst, M., Hambach, U., Robu, M., Vlaicu, M., and Petculescu, A. (2014). Geoarchaeological prospection in the loess steppe: Preliminary results from the Lower Danube Survey for Paleolithic Sites (LoDanS). *Quaternary International* **351,** 98-114.

Jacobs, Z., Li, B., Jankowski, N., and Soressi, M. (2015). Testing of a single grain OSL chronology across the Middle to Upper Palaeolithic transition at Les Cottés (France). *Journal of Archaeological Science* **54,** 110-122.

Jankowski, N. R., Jacobs, Z., and Goldberg, P. (2015). Optical dating and soil micromorphology at MacCauley's Beach, New South Wales, Australia. *Earth Surface Processes and Landforms* **40,** 229-242.

Janz, L., Feathers, J. K., and Burr, G. S. (2015). Dating surface assemblages using pottery and eggshell: assessing radiocarbon and luminescence techniques in Northeast Asia. *Journal of Archaeological Science* **57,** 119-129.

Jara-Muñoz, J., Melnick, D., Brill, D., and Strecker, M. R. (2015). Segmentation of the 2010 Maule Chile earthquake rupture from a joint analysis of uplifted marine terraces and seismic-cycle deformation patterns. *Quaternary Science Reviews* **113,** 171-192.

Jia, L., Zhang, X., He, Z., He, X., Wu, F., Zhou, Y., Fu, L., and Zhao, J. (2015). Late Quaternary climatic and tectonic mechanisms driving river terrace development in an area of mountain uplift: A case study in the Langshan area, Inner Mongolia, northern China. *Geomorphology* **234,** 109-121.

Joordens, J. C. A., d/'Errico, F., Wesselingh, F. P., Munro, S., de Vos, J., Wallinga, J., Ankjaergaard, C., Reimann, T., Wijbrans, J. R., Kuiper, K. F., Mucher, H. J., Coqueugniot, H., Prie, V., Joosten, I., van Os, B., Schulp, A. S., Panuel, M., van der Haas, V., Lustenhouwer, W., Reijmer, J. J. G., and Roebroeks, W. (2014). Homo erectus at Trinil on Java used shells for tool production and engraving. *Nature* **518,** 228–231.

Kadlec, J., Kocurek, G., Mohrig, D., Shinde, D. P., Murari, M. K., Varma, V., Stehlík, F., Beneš, V., and Singhvi, A. K. (2015). Response of fluvial, aeolian, and lacustrine systems to late Pleistocene to Holocene climate change, Lower Moravian Basin, Czech Republic. *Geomorphology* **232,** 193-208.

Kalińska-Nartiša, E., Nartišs, M., Thiel, C., Buylaert, J. P., and Murray, A. S. (2015). Late-glacial to Holocene aeolian deposition in northeastern Europe – The timing of sedimentation at the Iisaku site (NE Estonia). *Quaternary International* **357,** 70-81.

Kazakis, N. A., Kitis, G., and Tsirliganis, N. C. (2015). A cleaning method to minimize contaminant luminescence signal of empty sample carriers using off-the-shelf chemical agents. *Applied Radiation and Isotopes* **95,** 226-232.

Kels, H., Protze, J., Sitlivy, V., Hilgers, A., Zander, A., Anghelinu, M., Bertrams, M., and Lehmkuhl, F. (2014). Genesis of loess-like sediments and soils at the foothills of the Banat Mountains, Romania – Examples from the Paleolithic sites Românești and Coşava. *Quaternary International* **351,** 213-230.

Kijek, N., Chruścińska, A., and Przegiętka, K. R. (2014). The dependence of quartz OSL on stimulation energy. *Radiation Measurements* **71,** 108-112.

Kinoshita, A., Skinner, A. R., Guidon, N., Ignacio, E., Felice, G. D., Buco, C. d. A., Tatumi, S., Yee, M., Figueiredo, A. M. G., and Baffa, O. (2014). Dating human occupation at Toca do Serrote das Moendas, São Raimundo Nonato, Piauí-Brasil by electron spin resonance and optically stimulated luminescence. *Journal of Human Evolution* **77,** 187-195.

Klasen, N., Fischer, P., Lehmkuhl, F., and Hilgers, A. (2015). Luminescence dating of loess deposits from the Remagen-Schwalbenberg site, Western Germany. *Geochronometria* **42,** 67-77.

Komatsu, T., and Tsukamoto, S. (2015). Late Glacial lake-level changes in the Lake Karakul basin (a closed glacierized-basin), eastern Pamirs, Tajikistan. *Quaternary Research* **83,** 137-149.

Koul, D. K., and Patil, P. G. (2015). Influence of in Situ Temperature on the Sensitization of Quartz: A Simulation Study. *Geochronometria* **42,** 28-40.

Leighton, C. L., and Bailey, R. M. (2015). Investigating the potential of HCl-only treated samples using range-finder OSL dating. *Quaternary Geochronology* **25,** 1-9.

Li, B., Roberts, R. G., Jacobs, Z., and Li, S.-H. (2015). Potential of establishing a 'global standardised growth curve' (gSGC) for optical dating of quartz from sediments. *Quaternary Geochronology* **27,** 94-104.

Li, B., Roberts, R. G., Jacobs, Z., Li, S.-H., and Guo, Y.-J. (2015). Construction of a 'global standardised growth curve' (gSGC) for infrared stimulated luminescence dating of K-feldspar. *Quaternary Geochronology* **27,** 119-130.

Li, X., Huang, C. C., Pang, J., Zha, X., and Ma, Y. (2015). Sedimentary and hydrological studies of the Holocene palaeofloods in the Shanxi-Shaanxi Gorge of the middle Yellow River, China. *International Journal of Earth Sciences* **104,** 277-288.

Li, Y., Wang, N. a., and Zhang, C. (2014). An Abrupt Centennial-Scale Drought Event and Mid-Holocene Climate Change Patterns in Monsoon Marginal Zones of East Asia. *Plos One* **9**.

Lima, C. C. U., Bezerra, F. H. R., Nogueira, F. C. C., Maia, R. P., and Sousa, M. O. L. (2014). Quaternary fault control on the coastal sedimentation and morphology of the São Francisco coastal plain, Brazil. *Tectonophysics* **633,** 98-114.

Liritzis, I., and Vafiadou, A. (2015). Surface luminescence dating of some Egyptian monuments. *Journal of Cultural Heritage* **16,** 134-150.

Lisá, L., Hošek, J., Bajer, A., Matys Grygar, T., and Vandenberghe, D. (2014). Geoarchaeology of Upper Palaeolithic loess sites located within a transect through Moravian valleys, Czech Republic. *Quaternary International* **351,** 25-37.

Lister, A. M., and Grün, R. (2015). Mammoth and musk ox ESR-dated to the Early Midlandian at Aghnadarragh, County Antrim, Northern Ireland, and the age of the Fermanagh Stadial. *Geological Journal* **50,** 306-320.

Liu, B., Jin, H., Sun, Z., Miao, Y., Su, Z., and Zhang, C. (2014). Evidence of Holocene millennial-scale climatic change from Gonghe Basin peat deposit, northeastern Qinghai-Tibet Plateau. *Journal of Arid Environments* **106,** 1-10.

Liu, X.-J., Lai, Z., Madsen, D., and Zeng, F. (2015). Last deglacial and Holocene lake level variations of Qinghai Lake, north-eastern Qinghai–Tibetan Plateau. *Journal of Quaternary Science* **30,** 245-257.

Livingstone, S. J., Piotrowski, J. A., Bateman, M. D., Ely, J. C., and Clark, C. D. (2015). Discriminating between subglacial and proglacial lake sediments: an example from the Dänischer Wohld Peninsula, northern Germany. *Quaternary Science Reviews* **112,** 86-108.

Loibl, D., Hochreuther, P., Schulte, P., Hülle, D., Zhu, H., Bräuning, A., and Lehmkuhl, F. (2015). Toward a late Holocene glacial chronology for the eastern Nyainqêntanglha Range, southeastern Tibet. *Quaternary Science Reviews* **107,** 243-259.

Lomax, J., Fuchs, M., Preusser, F., and Fiebig, M. (2014). Luminescence based loess chronostratigraphy of the Upper Palaeolithic site Krems-Wachtberg, Austria. *Quaternary International* **351,** 88-97.

Long, H., Haberzettl, T., Tsukamoto, S., Shen, J., Kasper, T., Daut, G., Zhu, L., Mäusbacher, R., and Frechen, M. (2015). Luminescence dating of lacustrine sediments from Tangra Yumco (southern Tibetan Plateau) using post-IR IRSL signals from polymineral grains. *Boreas* **44,** 139-152.

Long, H., and Shen, J. (2015). Underestimated 14C-based chronology of late Pleistocene high lake-level events over the Tibetan Plateau and adjacent areas: Evidence from the Qaidam Basin and Tengger Desert. *Science China Earth Sciences* **58,** 183-194.

Lopes, R. P., Dillenburg, S. R., Schultz, C. L., Ferigolo, J., Ribeiro, A. M., Pereira, J. C., Holanda, E. C., Pitana, V. G., and Kerber, L. (2014). The sea-level highstand correlated to marine isotope stage (mis) 7 in the coastal plain of the state of Rio Grande do Sul, Brazil. *Anais da Academia Brasileira de Ciencias* **86,** 1573-1595.

Lopes, R. P., Kinoshita, A., Baffa, O., Figueiredo, A. M. G., Dillenburg, S. R., Schultz, C. L., and Pereira, J. C. (2014). ESR dating of Pleistocene mammals and marine shells from the coastal plain of Rio Grande do Sul state, southern Brazil. *Quaternary International* **352,** 124-134.

Luirei, K., Bhakuni, S. S., Suresh, N., Kothyari, G. C., and Pant, P. D. (2014). Tectonic geomorphology and morphometry of the frontal part of Kumaun Sub-Himalaya: Appraisal of tectonic activity. *Zeitschrift für Geomorphologie* **58,** 435-458.

Lunkka, J. P., Sarala, P., and Gibbard, P. L. (2015). The Rautuvaara section, western Finnish Lapland, revisited – new age constraints indicate a complex Scandinavian Ice Sheet history in northern Fennoscandia during the Weichselian Stage. *Boreas* **44,** 68-80.

Mahan, S. A., Gray, H. J., Pigati, J. S., Wilson, J., Lifton, N. A., Paces, J. B., and Blaauw, M. (2014). A geochronologic framework for the Ziegler Reservoir fossil site, Snowmass Village, Colorado. *Quaternary Research* **82,** 490-503.

May, S. M., Zander, A., Francois, J. P., Kelletat, D., Pötsch, S., Rixhon, G., and Brückner, H. (2015). Chronological and geoarchaeological investigations on an anthropogenic shell accumulation layer in the Longotoma dune field (Central Chile). *Quaternary International* **367,** 32-41.

Minckley, T. A., Haws, J. A., Benedetti, M. M., Brewer, S. C., and Forman, S. L. (2015). Last interglacial vegetation and climate history from the Portuguese coast. *Journal of Quaternary Science* **30,** 59-69.

Mischke, S., Madsen, D., Zhang, C., and Lai, Z. (2015). Reply to comment by Zhang (2014): The Shell Bar in the Qaidam Basin: fluvial or lake deposit, and OSL versus C-14 age data. *Journal of Paleolimnology* **53,** 335-344.

Moreiras, S. M., Hermanns, R. L., and Fauqué, L. (2015). Cosmogenic dating of rock avalanches constraining Quaternary stratigraphy and regional neotectonics in the Argentine Central Andes (32° S). *Quaternary Science Reviews* **112,** 45-58.

Munyikwa, K., Gilliland, K., Gibson, T., Mann, E., Rittenour, T. M., Grekul, C., and Blaikie-Birkigt, K. (2014). Late holocene temporal constraints for human occupation levels at the Bodo archaeological locality, East-central Alberta, Canada using radiocarbon and luminescence chronologies. *Plains Anthropologist* **59,** 109-143.

Murton, J. B., Bowen, D. Q., Candy, I., Catt, J. A., Currant, A., Evans, J. G., Frogley, M. R., Green, C. P., Keen, D. H., Kerney, M. P., Parish, D., Penkman, K., Schreve, D. C., Taylor, S., Toms, P. S., Worsley, P., and York, L. L. (2015). Middle and Late Pleistocene environmental history of the Marsworth area, south-central England. *Proceedings of the Geologists' Association* **126,** 18-49.

Nazari, H., Ritz, J. F., Walker, R. T., Salamati, R., Rizza, M., Patnaik, R., Hollingsworth, J., Alimohammadian, H., Jalali, A., Kaveh Firouz, A., and Shahidi, A. (2014). Palaeoseismic evidence for a medieval earthquake, and preliminary 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.

Nelson, M. S., Gray, H. J., Johnson, J. A., Rittenour, T. M., Feathers, J. K., and Mahan, S. A. (2015). User Guide for Luminescence Sampling in Archaeological and Geological Contexts. *Advances in Archaeological Practice* **3,** 166-177.

Nimnate, P., Chutakositkanon, V., Choowong, M., Pailoplee, S., and Phantuwongraj, S. (2015). Evidence of Holocene sea level regression from Chumphon coast of the Gulf of Thailand. *ScienceAsia* **41,** 55-63.

Odriozola, C. P., Burbidge, C. I., Isabel Dias, M., and Hurtado, V. (2014). Dating of Las Mesas Copper Age walled enclosure (La Fuente, Spain). *Trabajos De Prehistoria* **71,** 343-352.

Oliver, T. S., Dougherty, A. J., Gliganic, L. A., and Woodroffe, C. D. (2015). Towards more robust chronologies of coastal progradation: Optically stimulated luminescence ages for the coastal plain at Moruya, south-eastern Australia. *The Holocene* **25,** 536-546.

Oniya, E. O., Polymeris, G. S., Jibiri, N. N., Tsirliganis, N. C., Babalola, I. A., and Kitis, G. (2015). Contributions of pre-exposure dose and thermal activation in pre-dose sensitizations of unfired and annealed quartz. *Radiation Physics and Chemistry* **110,** 105-113.

Ou, X., Lai, Z., Zhou, S., Chen, R., and Zeng, L. (2015). Optical dating of young glacial sediments from the source area of the Urumqi River in Tianshan Mountians, northwestern China. *Quaternary International* **358,** 12-20.

Pederson, J. L., Chapot, M. S., Simms, S. R., Sohbati, R., Rittenour, T. M., Murray, A. S., and Cox, G. (2014). Reply to Simon and Reed: Independent and converging results rule out historic disturbance and

confirm age constraints for Barrier Canyon rock art. *Proceedings of the National Academy of Sciences of the United States of America* **111,** E5604-E5604.

Pei, S., Niu, D., Guan, Y., Nian, X., Yi, M., Ma, N., Li, X., and Sahnouni, M. (2015). Middle Pleistocene hominin occupation in the Danjiangkou Reservoir Region, Central China: studies of formation processes and stone technology of Maling 2A site. *Journal of Archaeological Science* **53,** 391-407.

Phartiyal, B., Singh, R., and Kothyari, G. C. (2015). Late-Quaternary geomorphic scenario due to changing depositional regimes in the Tangtse Valley, Trans-Himalaya, NW India. *Palaeogeography, Palaeoclimatology, Palaeoecology* **422,** 11-24.

Pietsch, T. J., Brooks, A. P., Spencer, J., Olley, J. M., and Borombovits, D. (2015). Age, distribution, and significance within a sediment budget, of in-channel depositional surfaces in the Normanby River, Queensland, Australia. *Geomorphology* **239,** 17-40.

Plotzki, A., May, J. H., Preusser, F., Roesti, B., Denier, S., Lombardo, U., and Veit, H. (2015). Geomorphology and evolution of the late Pleistocene to Holocene fluvial system in the south-eastern Llanos de Moxos, Bolivian Amazon. *CATENA* **127,** 102-115.

Pluckhahn, T. J., Hodson, A. D., Rink, W. J., Thompson, V. D., Hendricks, R. R., Doran, G., Farr, G., Cherkinsky, A., and Norman, S. P. (2015). Radiocarbon and Luminescence Age Determinations on Mounds at Crystal River and Roberts Island, Florida, USA. *Geoarchaeology* **30,** 238-260.

Polymeris, G. S., Şahiner, E., Meriç, N., and Kitis, G. (2015). Experimental features of natural thermally assisted OSL (NTA-OSL) signal in various quartz samples; preliminary results. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **349,** 24-30.

Reimann, T., Notenboom, P. D., De Schipper, M. A., and Wallinga, J. (2015). Testing for sufficient signal resetting during sediment transport using a polymineral multiple-signal luminescence approach. *Quaternary Geochronology* **25,** 26-36.

Ribolini, A., Bini, M., Consoloni, I., Isola, I., Pappalardo, M., Zanchetta, G., Fucks, E., Panzeri, L., Martini, M., and Terrasi, F. (2014). Late-Pleistocene Wedge Structures Along the Patagonian Coast (Argentina): Chronological Constraints and Palaeo-Environmental Implications. *Geografiska Annaler Series a-Physical Geography* **96,** 161-176.

Rodrigues, L., Lombardo, U., Fehr, S., Preusser, F., and Veit, H. (2015). Pre-Columbian agriculture in the Bolivian Lowlands: Construction history and management of raised fields in Bermeo. *Catena* **132,** 126-138.

Roskosch, J., Winsemann, J., Polom, U., Brandes, C., Tsukamoto, S., Weitkamp, A., Bartholomäus, W. A., Henningsen, D., and Frechen, M. (2015). Luminescence dating of ice-marginal deposits in northern Germany: evidence for repeated glaciations during the Middle Pleistocene (MIS 12 to MIS 6). *Boreas* **44,** 103-126.

Sadek, A. M., Eissa, H. M., Basha, A. M., Carinou, E., Askounis, P., and Kitis, G. (2015). The deconvolution of thermoluminescence glow-curves using general expressions derived from the one trap-one recombination (OTOR) level model. *Applied Radiation and Isotopes* **95,** 214-221.

Santos, A. M. C., Mohammadi, M., and Afshar V, S. (2015). Energy dependency of a water-equivalent fibre-coupled beryllium oxide (BeO) dosimetry system. *Radiation Measurements* **73,** 1-6.

Scheffers, A. M., Engel, M., May, S. M., Scheffers, S. R., Joannes-Boyau, R., Haenssler, E., Kennedy, K., Kelletat, D., Brueckner, H., Voett, A., Schellmann, G., Schaebitz, F., Radtke, U., Sommer, B., Willershaeuser, T., and Felis, T. (2014). Potential and limits of combining studies of coarse- and fine-

grained sediments for the coastal event history of a Caribbean carbonate environment. *Sedimentary Coastal Zones from High to Low Latitudes: Similarities and Differences* **388,** 503-531.

Schmeisser McKean, R. L., Goble, R. J., Mason, J. B., Swinehart, J. B., and Loope, D. B. (2015). Temporal and spatial variability in dune reactivation across the Nebraska Sand Hills, USA. *The Holocene* **25,** 523-535.

Schmidt, C., Kreutzer, S., DeWitt, R., and Fuchs, M. (2015). Radiofluorescence of quartz: A review. *Quaternary Geochronology* **27,** 66-77.

Sighinolfi, G. P., Sibilia, E., Contini, G., and Martini, M. (2015). Thermoluminescence dating of the Kamil impact crater (Egypt). *Meteoritics & Planetary Science* **50,** 204-213.

Simon, N., and Reed, R. (2014). Incorrect representation of Barrier Canyon rock art site's history and other factors invalidate reported dates. *Proceedings of the National Academy of Sciences of the United States of America* **111,** E5602-E5603.

Singh, L. L., and Gartia, R. K. (2015). Derivation of a simplified OSL OTOR equation using Wright Omega function and its application. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* **346,** 45-52.

Smith, R. W., Eakins, J. S., Hager, L. G., Rothkamm, K., and Tanner, R. J. (2015). Development of a retrospective/fortuitous accident dosimetry service based on OSL of mobile phones. *Radiation Protection Dosimetry* **164,** 89-92.

Sunta, C. (2015). "Unravelling thermoluminescence." Springer, New Delhi.

Tourloukis, V., Karkanas, P., and Wallinga, J. (2015). Revisiting Kokkinopilos: Middle Pleistocene radiometric dates for stratified archaeological remains in Greece. *Journal of Archaeological Science* **57,** 355-369.

Újvári, G., Molnár, M., Novothny, Á., Páll-Gergely, B., Kovács, J., and Várhegyi, A. (2014). AMS ^{14}C and OSL/IRSL dating of the Dunaszekcső loess sequence (Hungary): chronology for 20 to 150 ka and implications for establishing reliable age–depth models for the last 40 ka. *Quaternary Science Reviews* **106,** 140-154.

Urbanova, P., Hourcade, D., Ney, C., and Guibert, P. (2015). Sources of uncertainties in OSL dating of archaeological mortars: The case study of the Roman amphitheatre “Palais-Gallien” in Bordeaux. *Radiation Measurements* **72,** 100-110.

Vassallo, R., Mugnier, J. L., Vignon, V., Malik, M. A., Jayangondaperumal, R., Srivastava, P., Jouanne, F., and Carcaillet, J. (2015). Distribution of the Late-Quaternary deformation in Northwestern Himalaya. *Earth and Planetary Science Letters* **411,** 241-252.

Vaughn, K. J., Eerkens, J. W., Lipo, C., Sakai, S., and Schreiber, K. (2014). It's About Time? Testing the Dawson Ceramic Seriation Using Luminescence Dating, Southern Nasca Region, Peru. *Latin American Antiquity* **25,** 449-461.

Vokhmintsev, A. S., Minin, M. G., Henaish, A. M. A., and Weinstein, I. A. (2015). Spectrally resolved thermoluminescence measurements in fluorescence spectrometer. *Measurement* **66,** 90-94.

Wang, F., Sun, D., Chen, F., Bloemendal, J., Guo, F., Li, Z., Zhang, Y., Li, B., and Wang, X. (2015). Formation and evolution of the Badain Jaran Desert, North China, as revealed by a drill core from the desert centre and by geological survey. *Palaeogeography, Palaeoclimatology, Palaeoecology* **426,** 139-158.

Wang, X. L., Du, J. H., Adamiec, G., and Wintle, A. G. (2015). The origin of the medium OSL component in West Australian quartz. *Journal of Luminescence* **159,** 147-157.

Wang, Z., Zhao, H., Dong, G., Zhou, A., Liu, J., and Zhang, D. (2014). Reliability of radiocarbon dating on various fractions of loess-soil sequence for Dadiwan section in the western Chinese Loess Plateau. *Frontiers of Earth Science* **8,** 540-546.

Wilczyński, J., Wojtal, P., Łanczont, M., Mroczek, P., Sobieraj, D., and Fedorowicz, S. (2015). Loess, flints and bones: Multidisciplinary research at Jaksice II Gravettian site (southern Poland). *Quaternary International* **359–360,** 114-130.

Wróbel, D., Bilski, P., Marczewska, B., Mrozik, A., and Kłosowski, M. (2015). Characterization of the Risø TL/OSL DA-20 reader for application in TL dosimetry. *Radiation Measurements* **74,** 1-5.

Yang, X., Scuderi, L. A., Wang, X., Scuderi, L. J., Zhang, D., Li, H., Forman, S., Xu, Q., Wang, R., Huang, W., and Yang, S. (2015). Groundwater sapping as the cause of irreversible desertification of Hunshandake Sandy Lands, Inner Mongolia, northern China. *Proceedings of the National Academy of Sciences* **112,** 702-706.

Yu, L., Dong, Z., Lai, Z., Qian, G., and Pan, T. (2015). Origin and lateral migration of linear dunes in the Qaidam Basin of NW China revealed by dune sediments, internal structures, and optically stimulated luminescence ages, with implications for linear dunes on Titan: Comment and Discussion. *Geological Society of America Bulletin* **127,** 316-320.

Zhang, H. (2015). A comment on Lai et al. (2014) concerning the origin of the Shell Bar section from the Qaidam Basin, NE Tibetan Plateau: lake formation versus river channel deposit, and C-14 versus OSL dates. *Journal of Paleolimnology* **53,** 321-334.

Zhang, Y., Huang, C. C., Pang, J., Zha, X., Zhou, Y., and Wang, X. (2015). Holocene palaeoflood events recorded by slackwater deposits along the middle Beiluohe River valley, middle Yellow River basin, China. *Boreas* **44,** 127-138.

Zhang, Y., Huang, C. C., Pang, J., Zhou, Y., Shang, R., Zhou, Q., Guo, Y., Liu, T., and Hu, G. (2015). OSL dating of the massive landslide-damming event in the Jishixia Gorge, on the upper Yellow River, NE Tibetan Plateau. *The Holocene* **25,** 745-757.

Zhao, H., Sheng, Y., Zhang, J., Zhao, Y., and Li, G. (2015). Oasis evolution processes and mechanisms in the lower reaches of Heihe River, Inner Mongolia, China since 1 ka ago. *The Holocene* **25,** 445-453.

Zhao, J., Wang, J., Harbor, J. M., Liu, S., Yin, X., and Wu, Y. (2015). Quaternary glaciations and glacial landform evolution in the Tailan River valley, Tianshan Range, China. *Quaternary International* **358,** 2-11.

Zöller, L., Richter, D., Blanchard, H., Einwögerer, T., Händel, M., and Neugebauer-Maresch, C. (2014). Our oldest children: Age constraints for the Krems-Wachtberg site obtained from various thermoluminescence dating approaches. *Quaternary International* **351,** 83-87.

Papers from the 9th New World Luminescence Dating Workshop, published in Quaternary International 362

Brown, N. D., Rhodes, E. J., Antinao, J. L., and McDonald, E. V. (2015). Single-grain post-IR IRSL signals of K-feldspars from alluvial fan deposits in Baja California Sur, Mexico. *Quaternary International* **362,** 132-138.

Ellwein, A. L., Mahan, S. A., and McFadden, L. D. (2015). Impacts of climate change on the formation and stability of late Quaternary sand sheets and falling dunes, Black Mesa region, southern Colorado Plateau, USA. *Quaternary International* **362,** 87-107.

Fuchs, M. C., Kreutzer, S., Burow, C., Dietze, M., Fischer, M., Schmidt, C., and Fuchs, M. (2015). Data processing in luminescence dating analysis: An exemplary workflow using the R package 'Luminescence'. *Quaternary International* **362,** 8-13.

Gliganic, L. A., May, J. H., and Cohen, T. J. (2015). All mixed up: Using single-grain equivalent dose distributions to identify phases of pedogenic mixing on a dryland alluvial fan. *Quaternary International* **362,** 23-33.

Gray, H. J., and Mahan, S. A. (2015). Variables and potential models for the bleaching of luminescence signals in fluvial environments. *Quaternary International* **362,** 42-49.

Hanson, P. R., Mason, J. A., Jacobs, P. M., and Young, A. R. (2015). Evidence for bioturbation of luminescence signals in eolian sand on upland ridgetops, southeastern Minnesota, USA. *Quaternary International* **362,** 108-115.

Jain, M., Buylaert, J. P., Thomsen, K. J., and Murray, A. S. (2015). Further investigations on 'non-fading' in K-Feldspar. *Quaternary International* **362,** 3-7.

Lawson, M. J., Daniels, J. T. M., and Rhodes, E. J. (2015). Assessing Optically Stimulated Luminescence (OSL) signal contamination within small aliquots and single grain measurements utilizing the composition test. *Quaternary International* **362,** 34-41.

Mahan, S. A., Donlan, R. A., and Kardos, B. (2015). Luminescence dating of anthropogenic features of the San Luis Valley, Colorado: From stone huts to stone walls. *Quaternary International* **362,** 50-62.

Mahan, S. A., Nelson, M. S., Rittenour, T. M., Hanson, P., and Rhodes, E. (2015). The 9th New World Luminescence Dating Workshop: Aim of the community and scope of the conference proceedings. *Quaternary International* **362,** 1-2.

McGuire, C., and Rhodes, E. J. (2015). Determining fluvial sediment virtual velocity on the Mojave River using K-feldspar IRSL: Initial assessment. *Quaternary International* **362,** 124-131.

Rhodes, E. J. (2015). Dating sediments using potassium feldspar single-grain IRSL: Initial methodological considerations. *Quaternary International* **362,** 14-22.

Ribeiro, L. M. A. L., Sawakuchi, A. O., Wang, H., Sallun Filho, W., and Nogueira, L. (2015). OSL dating of Brazilian fluvial carbonates (tufas) using detrital quartz grains. *Quaternary International* **362,** 146-156.

Rich, J., Rittenour, T. M., Nelson, M. S., and Owen, J. (2015). OSL chronology of middle to late Holocene aeolian activity in the St. Anthony dune field, southeastern Idaho, USA. *Quaternary International* **362,** 77-86.

Rittenour, T. M., Coats, L. L., and Metcalfe, D. (2015). Investigation of late and post-Fremont alluvial stratigraphy of Range Creek, east-central Utah: Use of OSL when radiocarbon fails. *Quaternary International* **362,** 63-76.

Spencer, J. Q. G., Oviatt, C. G., Pathak, M., and Fan, Y. (2015). Testing and refining the timing of hydrologic evolution during the latest Pleistocene regressive phase of Lake Bonneville. *Quaternary International* **362,** 139-145.

Wyshnytzky, C. E., Rittenour, T. M., Nelson, M. S., and Thackray, G. (2015). Luminescence dating of late Pleistocene proximal glacial sediments in the Olympic Mountains, Washington. *Quaternary International* **362,** 116-123.