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Bibliography

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Ahr, S. W., Nordt, L. C., and Forman, S. L. (2013). Soil genesis, optical dating, and geoarchaeological evaluation of two upland Alfisol pedons within the Tertiary Gulf Coastal Plain. *Geoderma* **192**, 211-226.

Alappat, L., Frechen, M., Tsukamoto, S., and Vink, A. (2012). Reply to 'Comment on: "Establishing the Late Pleistocene-Holocene sedimentation boundary in the southern North Sea using OSL dating of shallow continental shelf sediments" by L. Alappat, A. Vink, S. Tsukamoto, M. Frechen, Proceedings of the Geologists' Association 121 (2010), 43-54' by B. Mauz. *Proceedings of the Geologists' Association* **123**, 666-668.

Alexanderson, H., and Murray, A. S. (2012). Problems and potential of OSL dating Weichselian and Holocene sediments in Sweden. *Quaternary Science Reviews* **44**, 37-50.

Avnaim-Katav, S., Almogi-Labin, A., Sandler, A., Sivan, D., Porat, N., and Matmon, A. (2012). The chronostratigraphy of a Quaternary sequence at the distal part of the Nile littoral cell, Haifa Bay, Israel. *Journal of Quaternary Science* **27**, 675-686.

Avni, Y., Porat, N., and Avni, G. (2012). Pre-farming environment and OSL chronology in the Negev Highlands, Israel. *Journal of Arid Environments* **86**, 12-27.

Azevedo, R. L., Asfora, V. K., Ribeiro, G. B., Ferreira, J. V. C., Khoury, H. J., Sullasi, H. S. L., Rego, N. J. S., and de Mello, J. A. C. (2012). Archeometric studies in the Franciscan Convent of "Santo Antônio" (Recife, PE). *Applied Radiation and Isotopes* **70**, 2460-2465.

Beckers, B., Schütt, B., Tsukamoto, S., and Frechen, M. (2013). Age determination of Petra's engineered landscape - optically stimulated luminescence (OSL) and radiocarbon ages of runoff terrace systems in the Eastern Highlands of Jordan. *Journal of Archaeological Science* **40**, 333-348.

Berger, G. W., and Polyak, L. (2012). Testing the use of quartz 'micro-hole' photon-simulated luminescence for dating sediments from the central Lomonosov Ridge, Arctic Ocean. *Quaternary Geochronology* **11**, 42-51.

Bertrams, M., Protze, J., Löhner, R., Schyle, D., Richter, J., Hilgers, A., Klasen, N., Schmidt, C., and Lehmkuhl, F. (2012). Multiple environmental change at the time of the Modern Human passage through the Middle East: First results from geoarchaeological investigations on Upper Pleistocene sediments in the Wadi Sabra (Jordan). *Quaternary International* **274**, 55-72.

Breman, E., Gillson, L., and Willis, K. (2012). How fire and climate shaped grass-dominated vegetation and forest mosaics in northern South Africa during past millennia. *The Holocene* **22**, 1427-1439.

Briant, R. M., Bates, M. R., Marshall, G. D., Schwenninger, J.-L., and Wenban-Smith, F. F. (2012). Terrace reconstruction and long profile projection: a case study from the Solent river system near Southampton, England. *Proceedings of the Geologists' Association* **123**, 438-449.

Brill, D., Klasen, N., Jankaew, K., Brueckner, H., Kelletat, D., Scheffers, A., and Scheffers, S. (2012). Local inundation distances and regional tsunami recurrence in the Indian Ocean inferred from luminescence dating of sandy deposits in Thailand. *Natural Hazards and Earth System Sciences* **12**, 2177-2192.

Brown, K. S., Marean, C. W., Jacobs, Z., Schoville, B. J., Oestmo, S., Fisher, E. C., Bernatchez, J., Karkanas, P., and Matthews, T. (2012). An early and enduring advanced technology originating 71,000 years ago in South Africa. *Nature* **491**, 590-593.

- Brown, N. D., and Forman, S. L. (2012). Evaluating a SAR TT-OSL protocol for dating fine-grained quartz within Late Pleistocene loess deposits in the Missouri and Mississippi river valleys, United States. *Quaternary Geochronology* **12**, 87-97.
- Bueno, L., Feathers, J., and De Blasis, P. (2013). The formation process of a paleoindian open-air site in Central Brazil: integrating lithic analysis, radiocarbon and luminescence dating. *Journal of Archaeological Science* **40**, 190-203.
- Bunch, T. E., Hermes, R. E., Moore, A. M. T., Kennett, D. J., Weaver, J. C., Wittke, J. H., DeCarli, P. S., Bischoff, J. L., Hillman, G. C., Howard, G. A., Kimbel, D. R., Kletetschka, G., Lipo, C. P., Sakai, S., Revay, Z., West, A., Firestone, R. B., and Kennett, J. P. (2012). Very high-temperature impact melt products as evidence for cosmic airbursts and impacts 12,900 years ago. *Proceedings of the National Academy of Sciences* **109**, E1903-E1912.
- Burdette, K. E., Rink, W. J., López, G. I., Mallinson, D. J., Parham, P. R., and Reinhardt, E. G. (2012). Geological investigation and optical dating of Quaternary siliciclastic sediments near Apalachicola, North-west Florida, USA. *Sedimentology* **59**, 1836-1849.
- Burgess, W. P., Yin, A., Dubey, C. S., Shen, Z.-K., and Kelty, T. K. (2012). Holocene shortening across the Main Frontal Thrust zone in the eastern Himalaya. *Earth and Planetary Science Letters* **357-358**, 152-167.
- Buylaert, J.-P., Jain, M., Murray, A. S., Thomsen, K. J., Thiel, C., and Sohbati, R. (2012). A robust feldspar luminescence dating method for Middle and Late Pleistocene sediments. *Boreas* **41**, 435-451.
- Carson, E. C., Hanson, P. R., Attig, J. W., and Young, A. R. (2012). Numeric control on the late-glacial chronology of the southern Laurentide Ice Sheet derived from ice-proximal lacustrine deposits. *Quaternary Research* **78**, 583-589.
- Chapot, M. S., Roberts, H. M., Duller, G. A. T., and Lai, Z. P. (2012). A comparison of natural- and laboratory-generated dose response curves for quartz optically stimulated luminescence signals from Chinese Loess. *Radiation Measurements* **47**, 1045-1052.
- Chapot, M. S., Sohbati, R., Murray, A. S., Pederson, J. L., and Rittenour, T. M. (2012). Constraining the age of rock art by dating a rockfall event using sediment and rock-surface luminescence dating techniques. *Quaternary Geochronology* **13**, 18-25.
- Clark-Balzan, L. A., Candy, I., Schwenninger, J.-L., Bouzouggar, A., Blockley, S., Nathan, R., and Barton, R. N. E. (2012). Coupled U-series and OSL dating of a Late Pleistocene cave sediment sequence, Morocco, North Africa: Significance for constructing Palaeolithic chronologies. *Quaternary Geochronology* **12**, 53-64.
- Clemmensen, L. B., Nielsen, L., Bendixen, M., and Murray, A. (2012). Morphology and sedimentary architecture of a beach-ridge system (Anholt, the Kattegat sea): a record of punctuated coastal progradation and sea-level change over the past ~1000 years. *Boreas* **41**, 422-434.
- Cohen, T. J., Nanson, G. C., Jansen, J. D., Jones, B. G., Jacobs, Z., Larsen, J. R., May, J. H., Treble, P., Price, D. M., and Smith, A. M. (2012). Late Quaternary mega-lakes fed by the northern and southern river systems of central Australia: Varying moisture sources and increased continental aridity. *Palaeogeography, Palaeoclimatology, Palaeoecology* **356-357**, 89-108.
- Cordier, S., Harmand, D., Lauer, T., Voinchet, P., Bahain, J.-J., and Frechen, M. (2012). Geochronological reconstruction of the Pleistocene evolution of the Sarre valley (France and Germany) using OSL and ESR dating techniques. *Geomorphology* **165-166**, 91-106.
- Cordier, S., Lauer, T., Harmand, D., Frechen, M., and Brkojewitch, G. (2012). Fluvial response to climatic and anthropogenic forcing in the Moselle drainage basin (NE France) during historical periods: Evidence from OSL dating. *Earth Surface Processes and Landforms* **37**, 1167-1175.

- Costa, P. J. M., Leroy, S. A. G., Dinis, J. L., Dawson, A. G., and Kortekaas, S. (2012). Recent high-energy marine events in the sediments of Lagoa de Obidos and Martinhal (Portugal): recognition, age and likely causes. *Natural Hazards and Earth System Sciences* **12**, 1367-1380.
- Cunha, P. P., Almeida, N. A. C., Aubry, T., Martins, A. A., Murray, A. S., Buylaert, J.-P., Sohbaty, R., Raposo, L., and Rocha, L. (2012). Records of human occupation from Pleistocene river terrace and aeolian sediments in the Arneiro depression (Lower Tejo River, central eastern Portugal). *Geomorphology* **165-166**, 78-90.
- Cunningham, A. C., DeVries, D. J., and Schaart, D. R. (2012). Experimental and computational simulation of beta-dose heterogeneity in sediment. *Radiation Measurements* **47**, 1060-1067.
- Cunningham, A. C., and Wallinga, J. (2012). Realizing the potential of fluvial archives using robust OSL chronologies. *Quaternary Geochronology* **12**, 98-106.
- Davidovich, U., Porat, N., Gadot, Y., Avni, Y., and Lipschits, O. (2012). Archaeological investigations and OSL dating of terraces at Ramat Rahel, Israel. *Journal of Field Archaeology* **37**, 192-208.
- Delagnes, A., Tribolo, C., Bertran, P., Brenet, M., Crassard, R., Jaubert, J., Khalidi, L., Mercier, N., Nomade, S., Peigné, S., Sitzia, L., Tournepiche, J.-F., Al-Halibi, M., Al-Mosabi, A., and Macchiarelli, R. (2012). Inland human settlement in southern Arabia 55,000 years ago. New evidence from the Wadi Surdud Middle Paleolithic site complex, western Yemen. *Journal of Human Evolution* **63**, 452-474.
- Demeter, F., Shackelford, L. L., Bacon, A.-M., Düringer, P., Westaway, K., Sayavongkhamdy, T., Braga, J., Sichanthongtip, P., Khamdalavong, P., Ponche, J.-L., Wang, H., Lundstrom, C., Patole-Edoumba, E., and Karpoff, A.-M. (2012). Anatomically modern human in Southeast Asia (Laos) by 46 ka. *Proceedings of the National Academy of Sciences* **109**, 14375-14380.
- Diána, N., István, K., Tímea, K., and György, S. (2010). Environmental changes in historical times near Kecel on the Danube-Tisza Interfluve, Hungary. Archaeological research and Optically Stimulated Luminescence (OSL) dating. *Archeometriai Műhely* **9**, 31-38.
- Dutta, S., Suresh, N., and Kumar, R. (2012). Climatically controlled Late Quaternary terrace staircase development in the fold- and -thrust belt of the Sub Himalaya. *Palaeogeography, Palaeoclimatology, Palaeoecology* **356-357**, 16-26.
- Ekdal, E., Ege, A., Karali, T., and Derin, Z. (2012). Luminescence dating studies of Yeşilova Hoyuk. *Geochronometria* **39**, 268-275.
- Fan, Q., Ma, H., Cao, G., Chen, Z., and Cao, S. (2012). Geomorphic and chronometric evidence for high lake level history in Gahai Lake and Toson Lake of north-eastern Qaidam Basin, north-eastern Qinghai-Tibetan Plateau. *Journal of Quaternary Science* **27**, 819-827.
- Farias, T. M. d. B., and Watanabe, S. (2012). A comparative study of the thermoluminescence properties of several varieties of Brazilian natural quartz. *Journal of Luminescence* **132**, 2684-2692.
- Ferrier, G., and Pope, R. J. J. (2012). Quantitative mapping of alluvial fan evolution using ground-based reflectance spectroscopy. *Geomorphology* **175-176**, 14-24.
- Fitzsimmons, K. E., and Barrows, T. T. (2012). Late Pleistocene aeolian reactivation downwind of the Naracoorte East range, southeastern South Australia. *Zeitschrift Für Geomorphologie* **56**, 225-237.
- Fitzsimmons, K. E., Miller, G. H., Spooner, N. A., and Magee, J. W. (2012). Aridity in the monsoon zone as indicated by desert dune formation in the Gregory Lakes basin, northwestern Australia. *Australian Journal of Earth Sciences* **59**, 469-478.

- Fouache, E., Besenval, R., Cosandey, C., Coussot, C., Ghilardi, M., Huot, S., and Lamothe, M. (2012). Palaeochannels of the Balkh river (northern Afghanistan) and human occupation since the Bronze Age period. *Journal of Archaeological Science* **39**, 3415-3427.
- Fritz, M., Wetterich, S., Schirrmeister, L., Meyer, H., Lantuit, H., Preusser, F., and Pollard, W. H. (2012). Eastern Beringia and beyond: Late Wisconsinan and Holocene landscape dynamics along the Yukon Coastal Plain, Canada. *Palaeogeography, Palaeoclimatology, Palaeoecology* **319-320**, 28-45.
- Gábrís, G., Horváth, E., Novothny, Á., and Ruszkiczay-Rüdiger, Z. (2012). Fluvial and aeolian landscape evolution in Hungary - Results of the last 20 years research. *Geologie en Mijnbouw/Netherlands Journal of Geosciences* **91**, 111-128.
- Galbraith, R. F., and Roberts, R. G. (2012). Statistical aspects of equivalent dose and error calculation and display in OSL dating: An overview and some recommendations. *Quaternary Geochronology* **11**, 1-27.
- Gerlach, R., Fischer, P., Eckmeier, E., and Hilgers, A. (2012). Buried dark soil horizons and archaeological features in the Neolithic settlement region of the Lower Rhine area, NW Germany: Formation, geochemistry and chronostratigraphy. *Quaternary International* **265**, 191-204.
- Giosan, L., Clift, P. D., Macklin, M. G., Fuller, D. Q., Constantinescu, S., Durcan, J. A., Stevens, T., Duller, G.A.T., Tabrez, A. R., Gangal, K., Adhikari, R., Alizai, A., Filip, F., VanLaningham, S., and Syvitski, J. P. M. (2012). Fluvial landscapes of the Harappan civilization. *Proceedings of the National Academy of Sciences* **109**, E1688-E1694.
- Gliganic, L., Jacobs, Z., and Roberts, R. (2012). Luminescence characteristics and dose distributions for quartz and feldspar grains from Mumba rockshelter, Tanzania. *Archaeological and Anthropological Sciences* **4**, 115-135.
- Guérin, G., Discamps, E., Lahaye, C., Mercier, N., Guibert, P., Turq, A., Dibble, H. L., McPherron, S. P., Sandgathe, D., Goldberg, P., Jain, M., Thomsen, K., Patou-Mathis, M., Castel, J.-C., and Soulier, M.-C. (2012). Multi-method (TL and OSL), multi-material (quartz and flint) dating of the Mousterian site of Roc de Marsal (Dordogne, France): correlating Neanderthal occupations with the climatic variability of MIS 5-3. *Journal of Archaeological Science* **39**, 3071-3084.
- Guérin, G., and Mercier, N. (2012). Preliminary insight into dose deposition processes in sedimentary media on a scale of single grains: Monte Carlo modelling of the effect of water on the gamma dose rate. *Radiation Measurements* **47**, 541-547.
- Han, F., Zhang, K., Ji, J., Xu, Y., Chen, F., and Kou, X. (2012). Late Pleistocene sedimentary sequences and paleoclimate changes in Xunhua basin in the upper reach of Yellow River in China. *Frontiers of Earth Science* **6**, 297-305.
- Harding, P., Bridgland, D. R., Allen, P., Bradley, P., Grant, M. J., Peat, D., Schwenninger, J.-L., Scott, R., Westaway, R., and White, T. S. (2012). Chronology of the Lower and Middle Palaeolithic in NW Europe: developer-funded investigations at Dunbridge, Hampshire, southern England. *Proceedings of the Geologists' Association* **123**, 584-607.
- Heggen, H. P., Svendsen, J. I., Mangerud, J., and Lohne, Ø. S. (2012). A new palaeoenvironmental model for the evolution of the Byzovaya Palaeolithic site, northern Russia. *Boreas* **41**, 527-545.
- Hu, Z., Pan, B., Wang, J., Cao, B., and Gao, H. (2012). Fluvial terrace formation in the eastern Fenwei Basin, China, during the past 1.2 Ma as a combined archive of tectonics and climate change. *Journal of Asian Earth Sciences* **60**, 235-245.
- Huang, C. C., Pang, J., Zha, X., Zhou, Y., Su, H., Zhang, Y., Wang, H., and Gu, H. (2012). Holocene palaeoflood events recorded by slackwater deposits along the lower Jinghe River valley, middle Yellow River basin, China. *Journal of Quaternary Science* **27**, 485-493.

Huckleberry, G., Hayashida, F., and Johnson, J. (2012). New Insights into the Evolution of an Intervalley Prehistoric Irrigation Canal System, North Coastal Peru. *Geoarchaeology* **27**, 492-520.

Hyatt, O. M., Shulmeister, J., Evans, D. J. A., Thackray, G. D., and Rieser, U. (2012). Sedimentology of a debris-rich, perhumid valley glacier margin in the Rakaia Valley, South Island, New Zealand. *Journal of Quaternary Science* **27**, 699-712.

Iovita, R., Fitzsimmons, K. E., Dobos, A., Hambach, U., Hilgers, A., and Zander, A. (2012). Dealul Guran: evidence for Lower Palaeolithic (MIS 11) occupation of the Lower Danube loess steppe. *Antiquity* **86**, 973-989.

Jacobs, Z., Hayes, E. H., Roberts, R. G., Galbraith, R. F., and Henshilwood, C. S. (2013). An improved OSL chronology for the Still Bay layers at Blombos Cave, South Africa: further tests of single-grain dating procedures and a re-evaluation of the timing of the Still Bay industry across southern Africa. *Journal of Archaeological Science* **40**, 579-594.

Jain, M., Guralnik, B., and Andersen, M. T. (2012). Stimulated luminescence emission from localized recombination in randomly distributed defects. *Journal of Physics: Condensed Matter* **24**, 385402.

Janssens, M. M., Kasse, C., Bohncke, S. J. P., Greaves, H., Cohen, K. M., Wallinga, J., and Hoek, W. Z. (2012). Climate-driven fluvial development and valley abandonment at the last glacial-interglacial transition (Oude IJssel-Rhine, Germany). *Geologie en Mijnbouw/Netherlands Journal of Geosciences* **91**, 37-62.

Johnsen, T. F., Olsen, L., and Murray, A. (2012). OSL ages in central Norway support a MIS 2 interstadial (25-20 ka) and a dynamic Scandinavian ice sheet. *Quaternary Science Reviews* **44**, 96-111.

Kars, R. H., Busschers, F. S., and Wallinga, J. (2012). Validating post IR-IRSL dating on K-feldspars through comparison with quartz OSL ages. *Quaternary Geochronology* **12**, 74-86.

Kinnaird, T. C., Sanderson, D. C. W., and Woodward, N. L. (2011). Applying luminescence methods to geoarchaeology: a case study from Stronsay, Orkney. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh* **102**, 191-200.

Kiss, T., Sipos, G., Mauz, B., and Mezősi, G. (2012). Holocene aeolian sand mobilization, vegetation history and human impact on the stabilized sand dune area of the southern Nyírség, Hungary. *Quaternary Research* **78**, 492-501.

Lancaster, N., and Mahan, S. A. (2012). Holocene dune formation at Ash Meadows National Wildlife Area, Nevada, USA. *Quaternary Research* **78**, 266-274.

Lauer, T., Krbetschek, M., Mauz, B., and Frechen, M. (2012). Yellow stimulated luminescence from potassium feldspar: Observations on its suitability for dating. *Radiation Measurements* **47**, 974-980.

Lehmkuhl, F., Hülle, D., and Knippertz, M. (2012). Holocene geomorphic processes and landscape evolution in the lower reaches of the Orkhon River (northern Mongolia). *Catena* **98**, 17-28.

Li, B., and Li, S.-H. (2012). Determining the cooling age using luminescence-thermochronology. *Tectonophysics* **580**, 242-248.

Li, Y., Wang, N. a., Li, Z., Zhou, X., and Zhang, C. (2012). Holocene Climate Cycles in Northwest Margin of Asian Monsoon. *Chinese Geographical Science* **22**, 450-461.

Liritzis, I., and Vafiadou, A. (2012). Calibration aspects of thick source alpha counter ZnS system. *Measurement: Journal of the International Measurement Confederation* **45**, 1966-1980.

Livingstone, S. J., Evans, D. J. A., Ó Cofaigh, C., Davies, B. J., Merritt, J. W., Huddart, D., Mitchell, W. A., Roberts, D. H., and Yorke, L. (2012). Glaciodynamics of the central sector of the last British-Irish Ice Sheet in Northern England. *Earth-Science Reviews* **111**, 25-55.

- Londoño, A. C., Forman, S. L., Eichler, T., and Pierson, J. (2012). Episodic eolian deposition in the past ca. 50,000 years in the Alto Ilo dune field, southern Peru. *Palaeogeography, Palaeoclimatology, Palaeoecology* **346-347**, 12-24.
- Long, H., Lai, Z., Fuchs, M., Zhang, J., and Li, Y. (2012). Timing of Late Quaternary palaeolake evolution in Tengger Desert of northern China and its possible forcing mechanisms. *Global And Planetary Change* **92-93**, 119-129.
- Lowe, J., Barton, N., Blockley, S., Ramsey, C. B., Cullen, V. L., Davies, W., Gamble, C., Grant, K., Hardiman, M., Housley, R., Lane, C. S., Lee, S., Lewis, M., MacLeod, A., Menzies, M., Müller, W., Pollard, M., Price, C., Roberts, A. P., Rohling, E. J., Satow, C., Smith, V. C., Stringer, C. B., Tomlinson, E. L., White, D., Albert, P., Arienzo, I., Barker, G., Borić, D., Carandente, A., Civetta, L., Ferrier, C., Guadelli, J.-L., Karkanias, P., Koumouzelis, M., Müller, U. C., Orsi, G., Pross, J., Rosi, M., Shalamanov-Korobar, L., Sirakov, N., and Tzedakis, P. C. (2012). Volcanic ash layers illuminate the resilience of Neanderthals and early modern humans to natural hazards. *Proceedings of the National Academy of Sciences* **109**, 13532-13537.
- Lu, H. Y., Wang, X., Wang, X., Sun, X. F., Yi, S. W., Zhou, Y. L., Liu, Q. Y., Swinehart, J., and Vandenberghe, J. (2012). Palaeoclimatic changes in northeastern Qinghai-Tibetan Plateau revealed by magnetostratigraphy and magnetic susceptibility analysis of thick loess deposits. *Geologie en Mijnbouw/Netherlands Journal of Geosciences* **91**, 189-198.
- Mauz, B. (2012). Comment on: "Establishing the Late Pleistocene-Holocene sedimentation boundary in the southern North Sea using OSL dating of shallow continental shelf sediments" by L. Alappat, A. Vink, S. Tsukamoto, M. Frechen, *Proceedings of the Geologists' Association* 121 (2010) 43-54. *Proceedings of the Geologists' Association* **123**, 663-665.
- Mejri, H., Balescu, S., Lamothe, M., Barre, M., Abichou, H., and Bouaziz, S. (2012). Mise en évidence par la luminescence des feldspaths de deux hauts niveaux marins interglaciaires du Pléistocène moyen (MIS 7 et MIS 9) le long de la côte orientale de la Tunisie (Sahel). *Quaternaire* **23**, 175-186.
- Ó Cofaigh, C., Telfer, M. W., Bailey, R. M., and Evans, D. J. A. (2012). Late Pleistocene chronostratigraphy and ice sheet limits, southern Ireland. *Quaternary Science Reviews* **44**, 160-179.
- Oniya, E., Polymeris, G., Tsirliganis, N., and Kitis, G. (2012). Behavior of various Nigerian quartz samples to repeated irradiation and heating. *Geochronometria* **39**, 212-220.
- Ortuño, M., Masana, E., García-Meléndez, E., Martínez-Díaz, J., Štěpančíková, P., Cunha, P. P., Sohbati, R., Canora, C., Buylaert, J.-P., and Murray, A. S. (2012). An exceptionally long paleoseismic record of a slow-moving fault: The Alhama de Murcia fault (Eastern Betic shear zone, Spain). *Geological Society of America Bulletin* **124**, 1474-1494.
- Pánek, T., Šilhán, K., Hradecký, J., Strom, A., Smolková, V., and Zerkal, O. (2012). A megalandslide in the Northern Caucasus foredeep (Uspenskoye, Russia): Geomorphology, possible mechanism and age constraints. *Geomorphology* **177-178**, 144-157.
- Pati, P., Parkash, B., Awasthi, A. K., and Jakhmola, R. P. (2012). Spatial and temporal distribution of inland fans/terminal fans between the Ghaghara and Kosi rivers indicate eastward shift of neotectonic activities along the Himalayan front. A study from parts of the upper and middle Gangetic plains, India. *Earth-Science Reviews* **115**, 201-216.
- Philip, G., Bhakuni, S. S., and Suresh, N. (2012). Late Pleistocene and Holocene large magnitude earthquakes along Himalayan Frontal Thrust in the Central Seismic Gap in NW Himalaya, Kala Amb, India. *Tectonophysics* **580**, 162-177.
- Popov, D., Vandenberghe, D. A. G., and Marković, S. B. (2012). Luminescence dating of fluvial deposits in Vojvodina, N Serbia: First results. *Quaternary Geochronology* **13**, 42-51.

- Ramos, A. M., Cunha, P. P., Cunha, L. S., Gomes, A., Lopes, F. C., Buylaert, J.-P., and Murray, A. S. (2012). The River Mondego terraces at the Figueira da Foz coastal area (western central Portugal): Geomorphological and sedimentological characterization of a terrace staircase affected by differential uplift and glacio-eustasy. *Geomorphology* **165-166**, 107-123.
- Reimann, T., Lindhorst, S., Thomsen, K. J., Murray, A. S., and Frechen, M. (2012). OSL dating of mixed coastal sediment (Sylt, German Bight, North Sea). *Quaternary Geochronology* **11**, 52-67.
- Reimann, T., Thomsen, K. J., Jain, M., Murray, A. S., and Frechen, M. (2012). Single-grain dating of young sediments using the pIRIR signal from feldspar. *Quaternary Geochronology* **11**, 28-41.
- Richter, D., Hublin, J.-J., Jaubert, J., McPherron, S. P., Soressi, M., and Texier, J.-P. (2013). Thermoluminescence dates for the Middle Palaeolithic site of Chez-Pinaud Jonzac (France). *Journal of Archaeological Science* **40**, 1176-1185.
- Richter, D., and Thieme, H. (2012). One first chronometric date for the Lower Palaeolithic occupation at Schöningen 13-I. In "Die chronologische Einordnung der paläolithischen Fundstelle von Schöningen / The chronological setting of the Palaeolithic site of Schöningen." (K.-E. Behre, Ed.), pp. 171-182. Forschungen zur Urgeschichte im Tagebau von Schöningen 1. Verlag des Römisch-Germanischen Zentralmuseums, Mainz.
- Riddiford, N. G., Branch, N. P., Green, C. P., Armitage, S. J., and Olivier, L. (2012). Holocene palaeoenvironmental change and the impact of prehistoric salt production in the Seille Valley, eastern France. *The Holocene* **22**, 831-845.
- Ritz, J. F., Nazari, H., Balescu, S., Lamothe, M., Salamaty, R., Ghassemi, A., Shafei, A., Ghorashi, M., and Saidi, A. (2012). Paleoearthquakes of the past 30,000 years along the North Tehran Fault (Iran). *Journal of Geophysical Research* **117**, B06305.
- Robbins, L. H., Campbell, A. C., Brook, G. A., Murphy, M. L., and Hitchcock, R. K. (2012). The Antiquity of the Bow and Arrow in the Kalahari Desert: Bone Points from White Paintings Rock Shelter, Botswana. *Journal of African Archaeology* **10**, 7-20.
- Roberts, D. L., Karkanis, P., Jacobs, Z., Marean, C. W., and Roberts, R. G. (2012). Melting ice sheets 400,000 yr ago raised sea level by 13 m: Past analogue for future trends. *Earth and Planetary Science Letters* **357-358**, 226-237.
- Roeser, P. A., Franz, S. O., Litt, T., Ülgen, U. B., Hilgers, A., Wulf, S., Wennrich, V., Akçer Ön, S., Viehberg, F. A., Çağatay, M. N., and Melles, M. (2012). Lithostratigraphic and geochronological framework for the paleoenvironmental reconstruction of the last ~36 ka cal BP from a sediment record from Lake Iznik (NW Turkey). *Quaternary International* **274**, 73-87.
- Rossetti, D. F., Goes, A. M., Bezerra, F. H. R., Valeriano, M. M., Brito-Neves, B. B., and Ochoa, F. L. (2012). Contribution to the stratigraphy of the onshore Paraíba Basin, Brazil. *Anais da Academia Brasileira de Ciencias* **84**, 313-34.
- Roy, N. G., Sinha, R., and Gibling, M. R. (2012). Aggradation, incision and interfluvial flooding in the Ganga Valley over the past 100,000 years: Testing the influence of monsoonal precipitation. *Palaeogeography, Palaeoclimatology, Palaeoecology* **356-357**, 38-53.
- Rozo, M. G., Nogueira, A. C. R., and Truckenbrodt, W. (2012). The anastomosing pattern and the extensively distributed scroll bars in the middle Amazon River. *Earth Surface Processes and Landforms* **37**, 1471-1488.
- Şahiner, E., and Meriç, N. (2012). Infrared stimulated luminescence (IRSL) properties of natural aluminum corrosion. *Geochronometria* **39**, 227-232.
- Saks, T., Kalvans, A., and Zelcs, V. (2012). OSL dating of Middle Weichselian age shallow basin sediments in Western Latvia, Eastern Baltic. *Quaternary Science Reviews* **44**, 60-68.

- Sawakuchi, A. O., Guedes, C. C. F., DeWitt, R., Giannini, P. C. F., Blair, M. W., Nascimento, D. R., and Faleiros, F. M. (2012). Quartz OSL sensitivity as a proxy for storm activity on the southern Brazilian coast during the Late Holocene. *Quaternary Geochronology* **13**, 92-102.
- Scheffers, A., Brill, D., Kelletat, D., Brückner, H., Scheffers, S., and Fox, K. (2012). Holocene sea levels along the Andaman Sea coast of Thailand. *The Holocene* **22**, 1169-1180.
- Schmidt, C., Pettke, T., Preusser, F., Rufer, D., Kasper, H. U., and Hilgers, A. (2012). Quantification and spatial distribution of dose rate relevant elements in silex used for luminescence dating. *Quaternary Geochronology* **12**, 65-73.
- Shen, Z., Törnqvist, T. E., Autin, W. J., Mateo, Z. R. P., Straub, K. M., and Mauz, B. (2012). Rapid and widespread response of the Lower Mississippi River to eustatic forcing during the last glacial-interglacial cycle. *Bulletin of the Geological Society of America* **124**, 690-704.
- Shitaoka, Y., Maemoku, H., and Nagatomo, T. (2012). Quartz OSL dating of sand dunes in Ghaggar Basin, northwestern India. *Geochronometria* **39**, 221-226.
- Shukla, U. K., Srivastava, P., and Singh, I. B. (2012). Migration of the Ganga River and development of cliffs in the Varanasi region, India during the late Quaternary: Role of active tectonics. *Geomorphology* **171-172**, 101-113.
- Simms, A. R., Ivins, E. R., DeWitt, R., Kouremenos, P., and Simkins, L. M. (2012). Timing of the most recent Neoglacial advance and retreat in the South Shetland Islands, Antarctic Peninsula: insights from raised beaches and Holocene uplift rates. *Quaternary Science Reviews* **47**, 41-55.
- Sitzia, L., Bertran, P., Boulogne, S., Brenet, M., Crassard, R., Delagnes, A., Frouin, M., Hatte, C., Jaubert, J., Khalidi, L., Messenger, E., Mercier, N., Meunier, A., Peigne, S., Queffelec, A., Tribolo, C., and Macchiarelli, R. (2012). The Paleoenvironment and Lithic Taphonomy of Shi'bat Dihya 1, a Middle Paleolithic Site in Wadi Surdud, Yemen. *Geoarchaeology* **27**, 471-491.
- Sohbati, R., Jain, M., and Murray, A. (2012). Surface exposure dating of non-terrestrial bodies using optically stimulated luminescence: A new method. *Icarus* **221**, 160-166.
- Sohbati, R., Murray, A. S., Buylaert, J.-P., Almeida, N. A. C., and Cunha, P. P. (2012). Optically stimulated luminescence (OSL) dating of quartzite cobbles from the Tapada do Montinho archaeological site (east-central Portugal). *Boreas* **41**, 452-462.
- Sohbati, R., Murray, A. S., Chapot, M. S., Jain, M., and Pederson, J. (2012). Optically stimulated luminescence (OSL) as a chronometer for surface exposure dating. *Journal of Geophysical Research - Solid Earth* **117**, B09202.
- St Pierre, E. J., Westaway, K. E., Zhao, J.-x., Gagan, M. K., Lentfer, C., Due, R. A., Morwood, M. J., Hantoro, W. S., Djubiantono, T., and Suwargadi, B. W. (2013). Preliminary U-series and Thermoluminescence dating of excavated deposits in Liang Bua sub-chamber, Flores, Indonesia. *Journal of Archaeological Science* **40**, 148-155.
- Stauch, G., Ijmker, J., Pötsch, S., Zhao, H., Hilgers, A., Diekmann, B., Dietze, E., Hartmann, K., Opitz, S., Wünnemann, B., and Lehmkuhl, F. (2012). Aeolian sediments on the north-eastern Tibetan Plateau. *Quaternary Science Reviews* **57**, 71-84.
- Stolz, C., Huelle, D., Hilgers, A., Grunert, J., Lehmkuhl, F., and Dasch, D. (2012). Reconstructing fluvial, lacustrine and aeolian process dynamics in Western Mongolia. *Zeitschrift Für Geomorphologie* **56**, 267-300.
- Stone, A. E. C., and Bailey, R. M. (2012). The effect of single grain luminescence characteristics on single aliquot equivalent dose estimates. *Quaternary Geochronology* **11**, 68-78.

- Sullivan, M., Field, T. L., Hughes, P., Marwick, B., Przystupa, P., and Feathers, J. K. (2012). OSL ages that inform late phases of dune formation and human occupation near Olympic Dam in northeastern South Australia. *Quaternary Australasia* **29**, 4-11.
- Sun, Y., Lai, Z., Madsen, D., and Hou, G. (2012). Luminescence dating of a hearth from the archaeological site of Jiangxigou in the Qinghai Lake area of the northeastern Qinghai-Tibetan Plateau. *Quaternary Geochronology* **12**, 107-110.
- Tamura, T., Saito, Y., Bateman, M. D., Nguyen, V. L., Ta, T. K. O., and Matsumoto, D. (2012). Luminescence dating of beach ridges for characterizing multi-decadal to centennial deltaic shoreline changes during Late Holocene, Mekong River delta. *Marine Geology* **326-328**, 140-153.
- Tudela, D. R. G., Tatumi, S. H., Yee, M., Brito, S. L. M., Morais, J. L., Morais, D. d., Piedade, S. C., Munita, C. S. P., and Hazenfratz, R. (2012). TL, OSL and C-14 dating results of the sediments and bricks from mummified nuns' grave. *Anais da Academia Brasileira de Ciencias* **84**, 237-44.
- Tunnicliffe, J., Church, M., Clague, J. J., and Feathers, J. K. (2012). Postglacial sediment budget of Chilliwack Valley, British Columbia. *Earth Surface Processes and Landforms* **37**, 1243-1262.
- van Mourik, J. M., Seijmonsbergen, A. C., Slotboom, R. T., and Wallinga, J. (2012). Impact of human land use on soils and landforms in cultural landscapes on aeolian sandy substrates (Maashorst, SE-Netherlands). *Quaternary International* **265**, 74-89.
- Viveen, W., Braucher, R., Bourlès, D., Schoorl, J. M., Veldkamp, A., van Balen, R. T., Wallinga, J., Fernandez-Mosquera, D., Vidal-Romani, J. R., and Sanjurjo-Sanchez, J. (2012). A 0.65 Ma chronology and incision rate assessment of the NW Iberian Miño River terraces based on ¹⁰Be and luminescence dating. *Global And Planetary Change* **94-95**, 82-100.
- Voelkel, J., Murray, A., Leopold, M., and Huerkamp, K. (2012). Colluvial filling of a glacial bypass channel near the Chiemsee (Stottham) and its function as geoarchive. *Zeitschrift Für Geomorphologie* **56**, 371-386.
- Wang, H., Stumpf, A. J., Miao, X., and Lowell, T. V. (2012). Atmospheric changes in North America during the last deglaciation from dune-wetland records in the Midwestern United States. *Quaternary Science Reviews* **58**, 124-134.
- Webb, N. D., Grimley, D. A., Phillips, A. C., and Fouke, B. W. (2012). Origin of glacial ridges (OIS 6) in the Kaskaskia Sublobe, southwestern Illinois, USA. *Quaternary Research* **78**, 341-352.
- Wiwegwin, W., Sugiyama, Y., Hisada, K. I., and Charusiri, P. (2011). Re-evaluation of the activity of the Thoen Fault in the Lampang Basin, northern Thailand, based on geomorphology and geochronology. *Earth, Planets and Space* **63**, 975-990.
- Wygal, B. T., and Goebel, T. (2012). Early Prehistoric Archaeology of the Middle Susitna Valley, Alaska. *Arctic Anthropology* **49**, 45-67.
- Yang, L., Wang, T., Zhou, J., Lai, Z., and Long, H. (2012). OSL chronology and possible forcing mechanisms of dune evolution in the Horqin dunefield in northern China since the Last Glacial Maximum. *Quaternary Research* **78**, 185-196.

Selected papers from the Torun LED'11 conference published in Volume 47/9 of Radiation Measurements

- Arnold, L. J., Demuro, M., and Ruiz, M. N. (2012). Empirical insights into multi-grain averaging effects from 'pseudo' single-grain OSL measurements. *Radiation Measurements* **47**, 652-658.
- Bos, A. J. J., and Wallinga, J. (2012). How to visualize quartz OSL signal components. *Radiation Measurements* **47**, 752-758.

Buylaert, J. P., Jain, M., Murray, A. S., Thomsen, K. J., and Lapp, T. (2012). IR-RF dating of sand-sized K-feldspar extracts: A test of accuracy. *Radiation Measurements* **47**, 759-765.

Clark-Balzan, L., and Schwenninger, J.-L. (2012). First steps toward spatially resolved OSL dating with electron multiplying charge-coupled devices (EMCCDs): System design and image analysis. *Radiation Measurements* **47**, 797-802.

Duller, G. A. T. (2012). Improving the accuracy and precision of equivalent doses determined using the optically stimulated luminescence signal from single grains of quartz. *Radiation Measurements* **47**, 770-777.

Glignani, L. A., Roberts, R. G., and Jacobs, Z. (2012). Natural variations in the properties of TL and IRSL emissions from metamorphic and volcanic K-feldspars from East Africa: Assessing their reliability for dating. *Radiation Measurements* **47**, 659-664.

Gong, Z., Li, B., and Li, S.-H. (2012). Study of the relationship between infrared stimulated luminescence and blue light stimulated luminescence for potassium-feldspar from sediments. *Radiation Measurements* **47**, 841-845.

Hernandez, M., Mauz, B., Mercier, N., and Shen, Z. (2012). Evaluating the efficiency of TT-OSL SAR protocols. *Radiation Measurements* **47**, 669-673.

Kang, S. G., Wang, X. L., and Lu, Y. C. (2012). The estimation of basic experimental parameters in the fine-grained quartz multiple-aliquot regenerative-dose OSL dating of Chinese loess. *Radiation Measurements* **47**, 674-681.

Lamothe, M., Barré, M., Huot, S., and Ouimet, S. (2012). Natural luminescence and anomalous fading in K-feldspar. *Radiation Measurements* **47**, 682-687.

Lawson, M. J., Roder, B. J., Stang, D. M., and Rhodes, E. J. (2012). OSL and IRSL characteristics of quartz and feldspar from southern California, USA. *Radiation Measurements* **47**, 830-836.

Martini, M., Fasoli, M., Villa, I., and Guibert, P. (2012). Radioluminescence of synthetic and natural quartz. *Radiation Measurements* **47**, 846-850.

Murray, A. S., Thomsen, K. J., Masuda, N., Buylaert, J. P., and Jain, M. (2012). Identifying well-bleached quartz using the different bleaching rates of quartz and feldspar luminescence signals. *Radiation Measurements* **47**, 688-695.

Neudorf, C. M., Roberts, R. G., and Jacobs, Z. (2012). Sources of overdispersion in a K-rich feldspar sample from north-central India: Insights from De, K content and IRSL age distributions for individual grains. *Radiation Measurements* **47**, 696-702.

Nian, X., Bailey, R. M., and Zhou, L. (2012). Investigations of the post-IR IRSL protocol applied to single K-feldspar grains from fluvial sediment samples. *Radiation Measurements* **47**, 703-709.

Pagonis, V., Jain, M., Murray, A. S., Ankjærgaard, C., and Chen, R. (2012). Modeling of the shape of infrared stimulated luminescence signals in feldspars. *Radiation Measurements* **47**, 870-876.

Panzeri, L., Martini, M., and Sibilia, E. (2012). Effects of thermal treatments on luminescence features of three natural feldspars. *Radiation Measurements* **47**, 877-882.

Qin, J. T., and Zhou, L. P. (2012). Effects of thermally transferred signals in the post-IR IRSL SAR protocol. *Radiation Measurements* **47**, 710-715.

Roberts, H. M. (2012). Testing Post-IR IRSL protocols for minimising fading in feldspars, using Alaskan loess with independent chronological control. *Radiation Measurements* **47**, 716-724.

Thomsen, K. J., Murray, A., and Jain, M. (2012). The dose dependency of the over-dispersion of quartz OSL single grain dose distributions. *Radiation Measurements* **47**, 732-739.

Timar-Gabor, A., Vasiliniuc, Ș., Vandenberghe, D. A. G., Cosma, C., and Wintle, A. G. (2012). Investigations into the reliability of SAR-OSL equivalent doses obtained for quartz samples displaying dose response curves with more than one component. *Radiation Measurements* **47**, 740-745.

Tsukamoto, S., Jain, M., Murray, A., Thiel, C., Schmidt, E., Wacha, L., Dohrmann, R., and Frechen, M. (2012). A comparative study of the luminescence characteristics of polymineral fine grains and coarse-grained K- and Na-rich feldspars. *Radiation Measurements* **47**, 903-908.

Westaway, K., and Prescott, J. (2012). Investigating signal evolution: A comparison of red and UV/blue TL, and UV OSL emissions from the same quartz sample. *Radiation Measurements* **47**, 909-915.

Selected papers from the Torun LED'11 conference published in Volume 10 of Quaternary Geochronology

Alexanderson, H., and Murray, A. S. (2012). Luminescence signals from modern sediments in a glaciated bay, NW Svalbard. *Quaternary Geochronology* **10**, 250-256.

Barré, M., Lamothe, M., Backwell, L., and McCarthy, T. (2012). Optical dating of quartz and feldspars: A comparative study from Wonderkrater, a Middle Stone Age site of South Africa. *Quaternary Geochronology* **10**, 374-379.

Bateman, M. D., Swift, D. A., Piotrowski, J. A., and Sanderson, D. C. W. (2012). Investigating the effects of glacial shearing of sediment on luminescence. *Quaternary Geochronology* **10**, 230-236.

Brodard, A., Guibert, P., Lévêque, F., Mathé, V., Carozza, L., and Burens, A. (2012). Thermal characterization of ancient hearths from the cave of Les Fraux (Dordogne, France) by thermoluminescence and magnetic susceptibility measurements. *Quaternary Geochronology* **10**, 353-358.

Cao, G., Long, H., Zhang, J., and Lai, Z. (2012). Quartz OSL dating of last glacial sand dunes near Lanzhou on the western Chinese Loess Plateau: A comparison between different granulometric fractions. *Quaternary Geochronology* **10**, 32-36.

Constantin, D., Timar-Gabor, A., Veres, D., Begy, R., and Cosma, C. (2012). SAR-OSL dating of different grain-sized quartz from a sedimentary section in southern Romania interbedding the Campanian Ignimbrite/Y5 ash layer. *Quaternary Geochronology* **10**, 81-86.

Fan, A., Li, S.-H., and Chen, Y.-G. (2012). Late pleistocene evolution of Lake Manas in western China with constraints of OSL ages of lacustrine sediments. *Quaternary Geochronology* **10**, 143-149.

Fu, X., Li, B., and Li, S.-H. (2012). Testing a multi-step post-IR IRSL dating method using polymineral fine grains from Chinese loess. *Quaternary Geochronology* **10**, 8-15.

Fuchs, M., Kreutzer, S., Fischer, M., Sauer, D., and Sørensen, R. (2012). OSL and IRSL dating of raised beach sand deposits along the southeastern coast of Norway. *Quaternary Geochronology* **10**, 195-200.

Hasebe, N., Inagaki, A., Endo, N., Fukushima, K., Ito, K., and Kashiwaya, K. (2012). Thermoluminescence color image analysis of sediments from Lake Khuvsgul, Mongolia, and its potential to investigate paleoenvironmental change. *Quaternary Geochronology* **10**, 156-159.

Hou, G., Lai, Z., Sun, Y., and Ye, M. (2012). Luminescence and radiocarbon chronologies for the Xindian Culture site of Lamafeng in the Guanting Basin on the NE edge of the Tibetan Plateau. *Quaternary Geochronology* **10**, 394-398.

Huot, S., and Lamothe, M. (2012). The implication of sodium-rich plagioclase minerals contaminating K-rich feldspars aliquots in luminescence dating. *Quaternary Geochronology* **10**, 334-339.

- Jeong, G. Y., and Choi, J.-H. (2012). Variations in quartz OSL components with lithology, weathering and transportation. *Quaternary Geochronology* **10**, 320-326.
- Kadereit, A., DeWitt, R., and Johnson, T. C. (2012). Luminescence properties and optically (post-IR blue-light) stimulated luminescence dating of limnic sediments from northern Lake Malawi - Chances and limitations. *Quaternary Geochronology* **10**, 160-166.
- Kreutzer, S., Fuchs, M., Meszner, S., and Faust, D. (2012). OSL chronostratigraphy of a loess-palaeosol sequence in Saxony/Germany using quartz of different grain sizes. *Quaternary Geochronology* **10**, 102-109.
- Li, B., and Li, S.-H. (2012). Luminescence dating of Chinese loess beyond 130 ka using the non-fading signal from K-feldspar. *Quaternary Geochronology* **10**, 24-31.
- Liu, J., Murray, A. S., Jain, M., Buylaert, J.-P., Lu, Y., and Chen, J. (2012). Developing a SAR TT-OSL protocol for volcanically-heated aeolian quartz from Datong (China). *Quaternary Geochronology* **10**, 308-313.
- Molodkov, A. (2012). Cross-check of the dating results obtained by ESR and IR-OSL methods: Implication for the Pleistocene palaeoenvironmental reconstructions. *Quaternary Geochronology* **10**, 188-194.
- Reimann, T., and Tsukamoto, S. (2012). Dating the recent past (500 years) by post-IR IRSL feldspar - Examples from the North Sea and Baltic Sea coast. *Quaternary Geochronology* **10**, 180-187.
- Rittenour, T. M., Riggs, N. R., and Kennedy, L. E. (2012). Application of single-grain OSL to date quartz xenocrysts within a basalt flow, San Francisco volcanic field, northern Arizona, USA. *Quaternary Geochronology* **10**, 300-307.
- Russell, N. J., and Armitage, S. J. (2012). A comparison of single-grain and small aliquot dating of fine sand from Cyrenaica, northern Libya. *Quaternary Geochronology* **10**, 62-67.
- Schatz, A.-K., Buylaert, J.-P., Murray, A., Stevens, T., and Scholten, T. (2012). Establishing a luminescence chronology for a palaeosol-loess profile at Tokaj (Hungary): A comparison of quartz OSL and polymineral IRSL signals. *Quaternary Geochronology* **10**, 68-74.
- Stang, D. M., Rhodes, E. J., and Heimsath, A. M. (2012). Assessing soil mixing processes and rates using a portable OSL-IRSL reader: Preliminary determinations. *Quaternary Geochronology* **10**, 314-319.
- Thiel, C., Buylaert, J.-P., Murray, A. S., Elmejdoub, N., and Jedoui, Y. (2012). A comparison of TT-OSL and post-IR IRSL dating of coastal deposits on Cap Bon peninsula, north-eastern Tunisia. *Quaternary Geochronology* **10**, 209-217.
- Trauerstein, M., Lowick, S., Preusser, F., Rufer, D., and Schlunegger, F. (2012). Exploring fading in single grain feldspar IRSL measurements. *Quaternary Geochronology* **10**, 327-333.
- Vasiliniuc, Ș., Vandenberghe, D. A. G., Timar-Gabor, A., Panaiotu, C., Cosma, C., and van den Haute, P. (2012). Testing the potential of elevated temperature post-IR IRSL signals for dating Romanian loess. *Quaternary Geochronology* **10**, 75-80.
- Wu, T.-S., Kunz, A., Jaiswal, M. K., and Chen, Y.-G. (2012). A feasibility study on the application of luminescence dating for quartz from different rock types as a thermochronometer. *Quaternary Geochronology* **10**, 340-344.
- Yang, H., Chen, J., Thompson, J. A., and Liu, J. (2012). Optical dating of the 12 May 2008, Ms 8.0 Wenchuan earthquake-related sediments: Tests of zeroing assumptions. *Quaternary Geochronology* **10**, 273-279.
- Zhao, J., Lai, Z., Liu, S., Song, Y., Li, Z., and Yin, X. (2012). OSL and ESR dating of glacial deposits and its implications for glacial landform evolution in the Bogeda Peak area, Tianshan range, China. *Quaternary Geochronology* **10**, 237-243.