

Ancient TL

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Bibliography

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Alexanderson, H., Bernhardson, M., 2016. OSL dating and luminescence characteristics of aeolian deposits and their source material in Dalarna, central Sweden. *Boreas* 45, 876-893, <http://dx.doi.org/10.1111/bor.12197>.

Anderson, A., Stothert, K., Martinsson-Wallin, H., Wallin, P., Flett, I., Haberle, S., Heijnis, H., Rhodes, E., 2016. Reconsidering Precolumbian Human Colonization in the Galápagos Islands, Republic of Ecuador. *Latin American Antiquity* 27, 169-183, <http://dx.doi.org/10.7183/1045-6635.27.2.169>.

Ankjærgaard, C., Guralnik, B., Buylaert, J.P., Reimann, T., Yi, S.W., Wallinga, J., 2016. Violet stimulated luminescence dating of quartz from Luochuan (Chinese loess plateau): Agreement with independent chronology up to ~600 ka. *Quaternary Geochronology* 34, 33-46, <http://dx.doi.org/10.1016/j.quageo.2016.03.001>.

Antinao, J.L., McDonald, E., Rhodes, E.J., Brown, N., Barrera, W., Gosse, J.C., Zimmermann, S., 2016. Late Pleistocene-Holocene alluvial stratigraphy of southern Baja California, Mexico. *Quaternary Science Reviews* 146, 161-181, <http://dx.doi.org/10.1016/j.quascirev.2016.06.008>.

Antoine, P., Moncel, M.-H., Limondin-Lozouet, N., Locht, J.-L., Bahain, J.-J., Moreno, D., Voinchet, P., Auguste, P., Stoetzel, E., Dabkowski, J., Bello, S.M., Parfitt, S.A., Tombret, O., Hardy, B., 2016. Palaeoenvironment and dating of the Early Acheulean localities from the Somme River basin (Northern France): New discoveries from the High Terrace at Abbeville-Carrière Carpentier. *Quaternary Science Reviews* 149, 338-371, <http://dx.doi.org/10.1016/j.quascirev.2016.07.035>.

Arnold, L.J., Duval, M., Demuro, M., Spooner, N.A., Santonja, M., Pérez-González, A., 2016. OSL dating of individual quartz ‘supergrains’ from the Ancient Middle Palaeolithic site of Cuesta de la Bajada, Spain. *Quaternary Geochronology* 36, 78-101, <http://dx.doi.org/10.1016/j.quageo.2016.07.003>.

Bailiff, I.K., Sholom, S., McKeever, S.W.S., 2016. Retrospective and emergency dosimetry in response to radiological incidents and nuclear mass-casualty events: A review. *Radiation Measurements* 94, 83-139, <http://dx.doi.org/10.1016/j.radmeas.2016.09.004>.

Barlow, N.L.M., Bentley, M.J., Spada, G., Evans, D.J.A., Hansom, J.D., Brader, M.D., White, D.A., Zander, A., Berg, S., 2016. Testing models of ice cap extent, South Georgia, sub-Antarctic. *Quaternary Science Reviews* 154, 157-168, <http://dx.doi.org/10.1016/j.quascirev.2016.11.007>.

Barton, R.N.E., Bouzouggar, A., Collcutt, S.N., Carrión Marco, Y., Clark-Balzan, L., Debenham, N.C., Morales, J., 2016. Reconsidering the MSA to LSA transition at Taforalt Cave (Morocco) in the light of new multi-proxy dating evidence. *Quaternary International* 413, Part A, 36-49, <http://dx.doi.org/10.1016/j.quaint.2015.11.085>.

Batbaatar, J., Gillespie, A.R., 2016. Outburst floods of the Maly Yenisei. Part II – new age constraints from Darhad basin. *International Geology Review* 58, 1753-1779, <http://dx.doi.org/10.1080/00206814.2016.1193452>.

- Biernacka, M., Majgier, R., Maternicki, K., Liang, M., Mandowski, A., 2016. Peculiarities of optically stimulated luminescence in halite. *Radiation Measurements* 90, 247-251, <http://dx.doi.org/10.1016/j.radmeas.2016.02.022>.
- Blasi, A.M., Latorre, C.C., Cusminsky, G.C., Carignano, A.P., 2016. The Marine Isotopic Stage 3 (MIS 3) in Valleys of the Undulated Pampa, Buenos Aires Province, Argentina, in: Gasparini, M.G., Rabassa, J., Deschamps, C., Tonni, P.E. (Eds.), *Marine Isotope Stage 3 in Southern South America*, 60 KA B.P.-30 KA B.P. Springer International Publishing, Cham, pp. 129-146.
- Borella, J., Quigley, M., Sohbati, R., Almond, P., Gravley, D.M., Murray, A., 2016. Chronology and processes of late Quaternary hillslope sedimentation in the eastern South Island, New Zealand. *Journal of Quaternary Science* 31, 691-712, <http://dx.doi.org/10.1002/jqs.2905>.
- Borombovits, D.K., Streed, E.W., Pietsch, T.J., Olley, J.M., 2016. Spectral signature of single-grain quartz using a high-sensitivity TL imaging system. *Radiation Measurements* 95, 1-8, <http://dx.doi.org/10.1016/j.radmeas.2016.10.002>.
- Bortolussi, C., Zoleo, A., Maritan, L., Collauto, A., Brustolon, M., Marrale, M., Parlato, A., Usai, D., 2016. Electron Paramagnetic Resonance and petrographic analysis for dating Mesolithic and Neolithic pottery from Al Khiday (Sudan). *Radiation Measurements* 89, 89-98, <http://dx.doi.org/10.1016/j.radmeas.2016.03.008>.
- Brill, D., Jankaew, K., Brückner, H., 2016. Towards increasing the spatial resolution of luminescence chronologies – Portable luminescence reader measurements and standardized growth curves applied to a beach-ridge plain (Phra Thong, Thailand). *Quaternary Geochronology* 36, 134-147, <http://dx.doi.org/10.1016/j.quageo.2016.09.003>.
- Bristow, C.S., Armitage, S.J., 2016. Dune ages in the sand deserts of the southern Sahara and Sahel. *Quaternary International* 410, Part B, 46-57, <http://dx.doi.org/10.1016/j.quaint.2015.07.062>.
- Bullón, T., 2016. The upper Pleistocene on the northern face of the Guadarrama Mountains (central Spain): Palaeoclimatic phases and glacial activity. *Geomorphology* 268, 233-245, <http://dx.doi.org/10.1016/j.geomorph.2016.06.015>.
- Burbidge, C.I., Cardoso, J., Cardoso, G.O., Franco, J., Santos, L., Caldeira, M., 2016. Parallel calibration transfer and systematic effects in retrospective absorbed dose estimation using OSL. *Quaternary Geochronology* 34, 92-101, <http://dx.doi.org/10.1016/j.quageo.2016.04.001>.
- Cesta, J.M., Ward, D.J., 2016. Timing and nature of alluvial fan development along the Chajnantor Plateau, northern Chile. *Geomorphology* 273, 412-427, <http://dx.doi.org/10.1016/j.geomorph.2016.09.003>.
- Chahid, D., Boudad, L., Lenoble, A., El Hmaidi, A., Chakroun, A., Jacobs, Z., 2016. Nouvelles données morpho-stratigraphiques et géochronologiques sur le cordon littoral externe (SIM 5-c) de Rabat-Témara, Maroc. *Géomorphologie : relief, processus, environnement* 22, 253-264, <http://dx.doi.org/10.4000/geomorphologie.11419>.
- Chen, R., Pagonis, V., Lawless, J.L., 2016a. Evaluated thermoluminescence trapping parameters—What do they really mean? *Radiation Measurements* 91, 21-27, <http://dx.doi.org/10.1016/j.radmeas.2016.04.006>.
- Chen, Y., Aitchison, J.C., Zong, Y., Li, S.-H., 2016b. OSL dating of past lake levels for a large dammed lake in southern Tibet and determination of possible controls on lake evolution. *Earth Surface Processes and Landforms* 41, 1467-1476, <http://dx.doi.org/10.1002/esp.3907>.
- Chiba, T., Endo, K., Sugai, T., Haraguchi, T., Kondo, R., Kubota, J., 2016. Reconstruction of Lake Balkhash levels and precipitation/evaporation changes during the last 2000 years from fossil diatom assemblages. *Quaternary International* 397, 330-341, <http://dx.doi.org/10.1016/j.quaint.2015.08.009>.

Clark-Balzan, L., 2016. Source and characteristics of blue, infrared (IR), and post-IR IR stimulated signals from gypsum-rich samples. *Ancient TL* 34, 6-13.

Costa, P.J.M., Costas, S., González-Villanueva, R., Oliveira, M.A., Roelvink, D., Andrade, C., Freitas, M.C., Cunha, P.P., Martins, A., Buylaert, J.P., Murray, A., 2016. How did the AD 1755 tsunami impact on sand barriers across the southern coast of Portugal? *Geomorphology* 268, 296-311, <http://dx.doi.org/10.1016/j.geomorph.2016.06.019>.

Cremon, É.H., Rossetti, D.d.F., Sawakuchi, A.d.O., Cohen, M.C.L., 2016. The role of tectonics and climate in the late Quaternary evolution of a northern Amazonian River. *Geomorphology* 271, 22-39, <http://dx.doi.org/10.1016/j.geomorph.2016.07.030>.

Cunningham, A.C., 2016. External beta dose rates to mineral grains in shell-rich sediment. *Ancient TL* 34, 1-5.

Dalton, A.S., Finkelstein, S.A., Barnett, P.J., Forman, S.L., 2016. Constraining the Late Pleistocene history of the Laurentide Ice Sheet by dating the Missinaibi Formation, Hudson Bay Lowlands, Canada. *Quaternary Science Reviews* 146, 288-299, <http://dx.doi.org/10.1016/j.quascirev.2016.06.015>.

Das, A., Bhattacharya, F., Rastogi, B.K., Chauhan, G., Ngangom, M., Thakkar, M.G., 2016. Response of a dryland fluvial system to climate–tectonic perturbations during the Late Quaternary: Evidence from Rukmawati River basin, Kachchh, western India. *Journal of Earth System Science*, 1-20, <http://dx.doi.org/10.1007/s12040-016-0733-7>.

de Carvalho Faria Lima Lopes, L., de Almeida Prado Bacellar, L., Amorim Castro, P.d.T., 2016. Assessment of the debris-flow susceptibility in tropical mountains using clast distribution patterns. *Geomorphology* 275, 16-25, <http://dx.doi.org/10.1016/j.geomorph.2016.09.026>.

del Valle, L., Gómez-Pujol, L., Fornós, J.J., Timar-Gabor, A., Anechitei–Deacu, V., Pomar, F., 2016. Middle to Late Pleistocene dunefields in rocky coast settings at Cala Xuclar (Eivissa, Western Mediterranean): Recognition, architecture and luminescence chronology. *Quaternary International* 407, Part A, 4-13, <http://dx.doi.org/10.1016/j.quaint.2016.01.050>.

Desruelles, S., Fouache, E., Eddargach, W., Cammas, C., Wattez, J., Beuzen-Waller, T., Martin, C., Tengberg, M., Cable, C., Thornton, C., Murray, A., 2016. Evidence for early irrigation at Bat (Wadi Sharsah, northwestern Oman) before the advent of farming villages. *Quaternary Science Reviews* 150, 42-54, <http://dx.doi.org/10.1016/j.quascirev.2016.08.007>.

Diaz, N., King, G.E., Valla, P.G., Herman, F., Verrecchia, E.P., 2016. Pedogenic carbonate nodules as soil time archives: Challenges and investigations related to OSL dating. *Quaternary Geochronology* 36, 120-133, <http://dx.doi.org/10.1016/j.quageo.2016.08.008>.

Doerschner, N., Fitzsimmons, K.E., Ditchfield, P., McLaren, S.J., Steele, T.E., Zielhofer, C., McPherron, S.P., Bouzouggar, A., Hublin, J.-J., 2016a. A New Chronology for Rhafas, Northeast Morocco, Spanning the North African Middle Stone Age through to the Neolithic. *PLoS ONE* 11, e0162280, <http://dx.doi.org/10.1371/journal.pone.0162280>.

Doerschner, N., Hernandez, M., Fitzsimmons, K.E., 2016b. Sources of variability in single grain dose recovery experiments: Insights from Moroccan and Australian samples. *Ancient TL* 34, 14-25.

Dolan, J.F., McAuliffe, L.J., Rhodes, E.J., McGill, S.F., Zinke, R., 2016. Extreme multi-millennial slip rate variations on the Garlock fault, California: Strain super-cycles, potentially time-variable fault strength, and implications for system-level earthquake occurrence. *Earth and Planetary Science Letters* 446, 123-136, <http://dx.doi.org/10.1016/j.epsl.2016.04.011>.

Dortch, J., Cupper, M., Grün, R., Harpley, B., Lee, K., Field, J., 2016. The timing and cause of megafauna mass deaths at Lancefield Swamp, south-eastern Australia. *Quaternary Science Reviews* 145, 161-182, <http://dx.doi.org/10.1016/j.quascirev.2016.05.042>.

- Du, S., Li, B., Chen, M., Xiang, R., Niu, D., Si, Y., 2016. Paleotempestology evidence recorded by eolian deposition in the Bohai Sea coastal zone during the last interglacial period. *Marine Geology* 379, 78-83, <http://dx.doi.org/10.1016/j.margeo.2016.05.013>.
- Duller, G.A.T., 2016. Challenges involved in obtaining luminescence ages for long records of aridity: Examples from the Arabian Peninsula. *Quaternary International* 410, Part B, 69-74, <http://dx.doi.org/10.1016/j.quaint.2016.01.028>.
- Eccleshall, S.V., Hormes, A., Hovland, A., Preusser, F., 2016. Constraining the chronology of Pleistocene glaciations on Svalbard: Kapp Ekholm re-visited. *Boreas* 45, 790-803, <http://dx.doi.org/10.1111/bor.12191>.
- Fattah, M., Heidary, M., Ghasemi, M., 2016. Employing Minimum age model (MAM) and Finite mixture modeling (FMM) for OSL age determination of two important samples from Ira Trench of North Tehran Fault. *geochr* 43-47, 38, <http://dx.doi.org/10.1515/geochr-2015-0031>.
- Faulkner, D.J., Larson, P.H., Jol, H.M., Running, G.L., Loope, H.M., Goble, R.J., 2016. Autogenic incision and terrace formation resulting from abrupt late-glacial base-level fall, lower Chippewa River, Wisconsin, USA. *Geomorphology* 266, 75-95, <http://dx.doi.org/10.1016/j.geomorph.2016.04.016>.
- Forman, S.L., Waters, M.R., 2016. Optically Stimulated Luminescence Dating and the Peopling of the Americas. *PaleoAmerica* 2, 6-10, <http://dx.doi.org/10.1080/20555563.2015.1136722>.
- Friedrich, J., Kreutzer, S., Schmidt, C., 2016. Solving ordinary differential equations to understand luminescence: 'RLumModel', an advanced research tool for simulating luminescence in quartz using R. *Quaternary Geochronology* 35, 88-100, <http://dx.doi.org/10.1016/j.quageo.2016.05.004>.
- Gaspar, R., Ferreira, J., Carrondo, J., Silva, M.J., García-Vadillo, F.J., 2016. Open-air Gravettian lithic assemblages from Northeast Portugal: The Foz do Medal site (Sabor valley). *Quaternary International* 406, Part A, 44-64, <http://dx.doi.org/10.1016/j.quaint.2015.12.054>.
- Gonçalves Júnior, E.S., Soares, E.A.A., Tatum, S.H., Yee, M., Mittani, J.C.R., 2016. Pleistocene-Holocene sedimentation of Solimões-Amazon fluvial system between the tributaries Negro and Madeira, Central Amazon. *Brazilian Journal of Geology* 46, 167-180.
- Gribenski, N., 2016. Comparison of dating methods for paleoglacial reconstruction in Central Asia, Department of Physical Geography. Stockholm University.
- Guo, Y.-J., Li, B., Zhang, J.-F., Yuan, B.-Y., Xie, F., Roberts, R.G., 2016a. Luminescence ages for three 'Middle Palaeolithic' sites in the Nihewan Basin, northern China, and their archaeological and palaeoenvironmental implications. *Quaternary Research* 85, 456-470, <http://dx.doi.org/10.1016/j.yqres.2016.03.002>.
- Guo, Y., Huang, C.C., Zhou, Y., Pang, J., Zha, X., Zhou, L., Mao, P., 2016b. Extraordinary flood events and the response to monsoonal climatic change during the last 3000 years along the middle Yangtze River valley, China. *Palaeogeography, Palaeoclimatology, Palaeoecology* 462, 70-84, <http://dx.doi.org/10.1016/j.palaeo.2016.09.005>.
- Halfen, A.F., Lancaster, N., Wolfe, S., 2016. Interpretations and common challenges of aeolian records from North American dune fields. *Quaternary International* 410, Part B, 75-95, <http://dx.doi.org/10.1016/j.quaint.2015.03.003>.
- Hamdan, M.A., Ibrahim, M.I.A., Shiha, M.A., Flower, R.J., Hassan, F.A., Eltelet, S.A.M., 2016. An exploratory Early and Middle Holocene sedimentary record with palynoforms and diatoms from Faiyum lake, Egypt. *Quaternary International* 410, Part A, 30-42, <http://dx.doi.org/10.1016/j.quaint.2015.12.049>.

- Hansen, J.M., Aagaard, T., Stockmarr, J., Møller, I., Nielsen, L., Binderup, M., Larsen, J.H., Larsen, B., 2016. Continuous record of Holocene sea-level changes and coastal development of the Kattegat island Læsø (4900 years BP to present). *Bulletin of the Geological Society of Denmark* 64, 1-55.
- Harder, W., 2016. Testing the Meuse terrace chronology in northern Limburg using optically stimulated luminescence dating. Wageningen University.
- Hardt, J., Lüthgens, C., Hebenstreit, R., Böse, M., 2016. Geochronological (OSL) and geomorphological investigations at the presumed Frankfurt ice marginal position in northeast Germany. *Quaternary Science Reviews* 154, 85-99, <http://dx.doi.org/10.1016/j.quascirev.2016.10.015>.
- Heerema, C.J., 2016. Luminescence Dating of Submarine Canyons: Application to the Monterey Canyon, California, Department of Earth Sciences. Uppsala University.
- Hesse, P.P., 2016. How do longitudinal dunes respond to climate forcing? Insights from 25 years of luminescence dating of the Australian desert dunefields. *Quaternary International* 410, Part B, 11-29, <http://dx.doi.org/10.1016/j.quaint.2014.02.020>.
- Hickin, A.S., Lian, O.B., Levson, V.M., 2016. Coalescence of late Wisconsinan Cordilleran and Laurentide ice sheets east of the Rocky Mountain Foothills in the Dawson Creek region, northeast British Columbia, Canada. *Quaternary Research* 85, 409-429, <http://dx.doi.org/10.1016/j.yqres.2016.02.005>.
- Hu, G., Huang, C.C., Zhou, Y., Pang, J., Zha, X., Guo, Y., Zhang, Y., Zhao, X., 2016a. Hydrological studies of the historical and palaeoflood events on the middle Yihe River, China. *Geomorphology* 274, 152-161, <http://dx.doi.org/10.1016/j.geomorph.2016.09.004>.
- Hu, G., Yi, C.-L., Zhang, J.-F., Liu, J.-H., Jiang, T., Li, S.-H., 2016b. Late Quaternary glacial advances in the eastern Qilianshan, north-eastern Tibet, as inferred from luminescence dating of flavioglacial sediments. *Journal of Quaternary Science* 31, 587-597, <http://dx.doi.org/10.1002/jqs.2882>.
- Hudson, A.M., Olsen, J.W., Quade, J., Lei, G., Huth, T.E., Zhang, H., 2016. A regional record of expanded Holocene wetlands and prehistoric human occupation from paleowetland deposits of the western Yarlung Tsangpo valley, southern Tibetan Plateau. *Quaternary Research* 86, 13-33, <http://dx.doi.org/10.1016/j.yqres.2016.04.001>.
- Hughes, A.L.C., Gyllencreutz, R., Lohne, Ø.S., Mangerud, J., Svendsen, J.I., 2016. The last Eurasian ice sheets – a chronological database and time-slice reconstruction, DATED-1. *Boreas* 45, 1-45, <http://dx.doi.org/10.1111/bor.12142>.
- Ideker, C.J., 2016. A Light in the Dark: Luminescence Dating Intermountain Ware Ceramics from Four Archaeological Sites in Northwestern Wyoming. Anthropology. Utah State University.
- Jacobs, Z., Jankowski, N.R., Dibble, H.L., Goldberg, P., McPherron, S.J.P., Sandgathe, D., Soressi, M., 2016. The age of three Middle Palaeolithic sites: Single-grain optically stimulated luminescence chronologies for Pech de l'Azé I, II and IV in France. *Journal of Human Evolution* 95, 80-103, <http://dx.doi.org/10.1016/j.jhevol.2016.03.010>.
- Jankowski, N.R., Gully, G.A., Jacobs, Z., Roberts, R.G., Prideaux, G.J., 2016. A late Quaternary vertebrate deposit in Kudjal Yolgah Cave, south-western Australia: refining regional late Pleistocene extinctions. *Journal of Quaternary Science* 31, 538-550, <http://dx.doi.org/10.1002/jqs.2877>.
- Jiang, D., Zhang, S., Li, W., 2016. Research on the Quaternary fluvial geomorphological surface sequence of the foreland region in southern Longmen Shan, eastern Tibet. *Geomorphology* 269, 133-148, <http://dx.doi.org/10.1016/j.geomorph.2016.06.036>.
- Jin, J., Li, Z., Jiang, F., Deng, T., Hu, F.g., Ling, Z., 2016. Coastal environment of the past millennium recorded by a coastal dune in Fujian, China. *Journal of Arid Land*, 1-15, <http://dx.doi.org/10.1007/s40333-016-0053-4>.

- Kalińska-Nartiša, E., Alexanderson, H., Nartišs, M., 2016a. Luminescence dating of aeolian–coastal events on the Kristianstad plain, SE Sweden. *The Holocene*, <http://dx.doi.org/10.1177/0959683616652707>.
- Kalińska-Nartiša, E., Thiel, C., Nartišs, M., Buylaert, J.-P., Murray, A.S., 2016b. The north-eastern aeolian ‘European Sand Belt’ as potential record of environmental changes: A case study from Eastern Latvia and Southern Estonia. *Aeolian Research* 22, 59-72, <http://dx.doi.org/10.1016/j.aeolia.2016.06.002>.
- Kalita, J.M., Wary, G., 2016b. Thermoluminescence response of natural white quartz collected from Gelephu, Bhutan. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* 383, 177-182, <http://dx.doi.org/10.1016/j.nimb.2016.07.012>.
- Kalita, J.M., Wary, G., 2016c. X-ray dose response of calcite—A comprehensive analysis for optimal application in TL dosimetry. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* 383, 93-102, <http://dx.doi.org/10.1016/j.nimb.2016.06.018>.
- Kijek, N., Chruścińska, A., 2016. Natural and laboratory OSL growth curve—Verification of the basic assumption of luminescence dating. *Radiation Measurements* 90, 233-237, <http://dx.doi.org/10.1016/j.radmeas.2016.01.024>.
- King, G.E., Guralnik, B., Valla, P.G., Herman, F., 2016. Trapped-charge thermochronometry and thermometry: A status review. *Chemical Geology* 446, 3-17, <http://dx.doi.org/10.1016/j.chemgeo.2016.08.023>.
- Klasen, N., Fiebig, M., Preusser, F., 2016. Applying luminescence methodology to key sites of Alpine glaciations in Southern Germany. *Quaternary International* 420, 249-258, <http://dx.doi.org/10.1016/j.quaint.2015.11.023>.
- Knabb, K.A., Erel, Y., Tirosh, O., Rittenour, T., Laparidou, S., Najjar, M., Levy, T.E., 2016. Environmental impacts of ancient copper mining and metallurgy: Multi-proxy investigation of human-landscape dynamics in the Faynan valley, southern Jordan. *Journal of Archaeological Science* 74, 85-101, <http://dx.doi.org/10.1016/j.jas.2016.09.003>.
- Kothiyari, G.C., Luirei, K., 2016. Late Quaternary tectonic landforms and fluvial aggradation in the Saryu River valley: Central Kumaun Himalaya. *Geomorphology* 268, 159-176, <http://dx.doi.org/10.1016/j.geomorph.2016.06.010>.
- Koul, D.K., Pagonis, V., Patil, P., 2016a. Reliability of single aliquot regenerative protocol (SAR) for dose estimation in quartz at different burial temperatures: A simulation study. *Radiation Measurements* 91, 28-35, <http://dx.doi.org/10.1016/j.radmeas.2016.04.002>.
- Koul, D.K., Polymeris, G.S., Soni, A., Kulkarni, M.S., 2016b. Impact of firing on the OSL luminescence properties of natural quartz: A case study. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms* 370, 86-93, <http://dx.doi.org/10.1016/j.nimb.2016.01.018>.
- Krajcarz, M.T., Cyrek, K., Krajcarz, M., Mroczek, P., Sudoł, M., Szymanek, M., Tomek, T., Madeyska, T., 2016a. Loess in a cave: Lithostratigraphic and correlative value of loess and loess-like layers in caves from the Kraków-Częstochowa Upland (Poland). *Quaternary International* 399, 13-30, <http://dx.doi.org/10.1016/j.quaint.2015.08.069>.
- Krajcarz, M.T., Kot, M., Pavlenok, K., Fedorowicz, S., Krajcarz, M., Lazarev, S.Y., Mroczek, P., Radzhabov, A., Shnaider, S., Szymanek, M., Szymczak, K., 2016b. Middle Paleolithic sites of Katta Sai in western Tian Shan piedmont, Central Asiatic loess zone: Geoarchaeological investigation of the site formation and the integrity of the lithic assemblages. *Quaternary International* 399, 136-150, <http://dx.doi.org/10.1016/j.quaint.2015.07.051>.
- Krauß, L., Zens, J., Zeeden, C., Schulte, P., Eckmeier, E., Lehmkühl, F., 2016. A Multi-Proxy Analysis of two Loess-Paleosol Sequences in the Northern Harz Foreland, Germany. *Palaeogeography, Palaeoclimatology, Palaeoecology* 461, 401-417, <http://dx.doi.org/10.1016/j.palaeo.2016.09.001>.

- Lamothe, M., 2016. Luminescence dating of interglacial coastal depositional systems: Recent developments and future avenues of research. *Quaternary Science Reviews* 146, 1-27, <http://dx.doi.org/10.1016/j.quascirev.2016.05.005>.
- Lancaster, N., Wolfe, S., Thomas, D., Bristow, C., Bubenzer, O., Burrough, S., Duller, G., Halfen, A., Hesse, P., Roskin, J., Singhvi, A., Tsoar, H., Tripaldi, A., Yang, X., Zárate, M., 2016. The INQUA Dunes Atlas chronologic database. *Quaternary International* 410, Part B, 3-10, <http://dx.doi.org/10.1016/j.quaint.2015.10.044>.
- Layzell, A.L., Mandel, R.D., Rittenour, T.M., Smith, J.J., Harlow, R.H., Ludvigson, G.A., 2016. Stratigraphy, morphology, and geochemistry of late Quaternary buried soils on the High Plains of southwestern Kansas, USA. *CATENA* 144, 45-55, <http://dx.doi.org/10.1016/j.catena.2016.05.003>.
- Lebrun, B., Chantal, T., Benoît, C., Michel, R., Laurent, L., Alice, L., Irka, H., Abdoulaye, C., Norbert, M., Eric, H., 2016. Establishing a West African chrono-cultural framework: First luminescence dating of sedimentary formations from the Falémé Valley, Eastern Senegal. *Journal of Archaeological Science: Reports* 7, 379-388, <http://dx.doi.org/10.1016/j.jasrep.2016.05.001>.
- Li, B., Jacobs, Z., Roberts, R.G., 2016a. Investigation of the applicability of standardised growth curves for OSL dating of quartz from Haua Fteah cave, Libya. *Quaternary Geochronology* 35, 1-15, <http://dx.doi.org/10.1016/j.quageo.2016.05.001>.
- Li, G., Rao, Z., Duan, Y., Xia, D., Wang, L., Madsen, D.B., Jia, J., Wei, H., Qiang, M., Chen, J., Chen, F., 2016b. Paleoenvironmental changes recorded in a luminescence dated loess/paleosol sequence from the Tianshan Mountains, arid central Asia, since the Penultimate Glaciation. *Earth and Planetary Science Letters* 448, 1-12, <http://dx.doi.org/10.1016/j.epsl.2016.05.008>.
- Li, H., Yang, X., 2016. Spatial and temporal patterns of aeolian activities in the desert belt of northern China revealed by dune chronologies. *Quaternary International* 410, Part B, 58-68, <http://dx.doi.org/10.1016/j.quaint.2015.07.015>.
- Li, Y., Song, Y., Lai, Z., Han, L., An, Z., 2016c. Rapid and cyclic dust accumulation during MIS 2 in Central Asia inferred from loess OSL dating and grain-size analysis. *Scientific Reports* 6, 32365, <http://dx.doi.org/10.1038/srep32365>.
- Liu, J., Murray, A.S., Buylaert, J.-P., Jain, M., Chen, J., Lu, Y., 2016a. Stability of fine-grained TT-OSL and post-IR IRSL signals from a c. 1 Ma sequence of aeolian and lacustrine deposits from the Nihewan Basin (northern China). *Boreas* 45, 703-714, <http://dx.doi.org/10.1111/bor.12180>.
- Liu, S., Lai, Z., Wang, Y., Fan, X., Wang, L., Tian, M., Jiang, Y., Zhao, H., 2016b. Growing pattern of mega-dunes in the Badain Jaran Desert in China revealed by luminescence ages. *Quaternary International* 410, Part B, 111-118, <http://dx.doi.org/10.1016/j.quaint.2015.09.048>.
- Malinsky-Buller, A., Barzilai, O., Ayalon, A., Bar-Matthews, M., Birkenfeld, M., Porat, N., Ron, H., Roskin, J., Ackermann, O., 2016. The age of the Lower Paleolithic site of Kefar Menachem West, Israel—Another facet of Acheulian variability. *Journal of Archaeological Science: Reports* 10, 350-362, <http://dx.doi.org/10.1016/j.jasrep.2016.10.010>.
- Mao, P., Pang, J., Huang, C., Zha, X., Zhou, Y., Guo, Y., Zhou, L., 2016. A multi-index analysis of the extraordinary paleoflood events recorded by slackwater deposits in the Yunxi Reach of the upper Hanjiang River, China. *CATENA* 145, 1-14, <http://dx.doi.org/10.1016/j.catena.2016.05.016>.
- Marković, S.B., Fitzsimmons, K.E., Sprafke, T., Gavrilović, D., Smalley, I.J., Jović, V., Svirčev, Z., Gavrilov, M.B., Bešlin, M., 2016. The history of Danube loess research. *Quaternary International* 399, 86-99, <http://dx.doi.org/10.1016/j.quaint.2015.09.071>.

- Matter, A., Mahjoub, A., Neubert, E., Preusser, F., Schwalb, A., Szidat, S., Wulf, G., 2016. Reactivation of the Pleistocene trans-Arabian Wadi ad Dawasir fluvial system (Saudi Arabia) during the Holocene humid phase. *Geomorphology* 270, 88-101, <http://dx.doi.org/10.1016/j.geomorph.2016.07.013>.
- McCloskey, G.L., Wasson, R.J., Boggs, G.S., Douglas, M., 2016. Timing and causes of gully erosion in the riparian zone of the semi-arid tropical Victoria River, Australia: Management implications. *Geomorphology* 266, 96-104, <http://dx.doi.org/10.1016/j.geomorph.2016.05.009>.
- Miao, X., Wang, H., Hanson, P.R., Mason, J.A., Liu, X., 2016. A new method to constrain soil development time using both OSL and radiocarbon dating. *Geoderma* 261, 93-100, <http://dx.doi.org/10.1016/j.geoderma.2015.07.004>.
- Miller, G.H., Fogel, M.L., Magee, J.W., Gagan, M.K., 2016. Disentangling the impacts of climate and human colonization on the flora and fauna of the Australian arid zone over the past 100 ka using stable isotopes in avian eggshell. *Quaternary Science Reviews* 151, 27-57, <http://dx.doi.org/10.1016/j.quascirev.2016.08.009>.
- Nimick, D.A., McGrath, D., Mahan, S.A., Friesen, B.A., Leidich, J., 2016. Latest Pleistocene and Holocene glacial events in the Colonia valley, Northern Patagonia Icefield, southern Chile. *Journal of Quaternary Science* 31, 551-564, <http://dx.doi.org/10.1002/jqs.2847>.
- Olszak, J., Adamiec, G., 2016. OSL-based chronostratigraphy of river terraces in mountainous areas, Dunajec basin, West Carpathians: a revision of the climatostratigraphical approach. *Boreas* 45, 483-493, <http://dx.doi.org/10.1111/bor.12163>.
- Ozturk, M.Z., Erginal, A.E., Kiyak, N.G., Demirci, A., Ekinci, Y.L., Curebal, I., Avciooglu, M., Ozturk, T., 2016. Records of repeated drought stages during the Holocene, Lake Iznik (Turkey) with reference to beachrock. *Quaternary International* 408, Part A, 16-24, <http://dx.doi.org/10.1016/j.quaint.2015.08.077>.
- Palamakumbura, R.N., Robertson, A.H.F., Kinnaird, T.C., van Calsteren, P., Kroon, D., Tait, J.A., 2016. Quantitative dating of Pleistocene deposits of the Kyrenia Range, northern Cyprus: implications for timing, rates of uplift and driving mechanisms. *Journal of the Geological Society*, <http://dx.doi.org/10.1144/jgs2015-130>.
- Panno, S.V., Chirienco, M.I., Bauer, R.A., Lundstrom, C.C., Zhang, Z., Hackley, K.C., 2016. Possible Earthquakes Recorded in Stalagmites from a Cave in South-Central Indiana. *Bulletin of the Seismological Society of America* 106, 2364-2375, <http://dx.doi.org/10.1785/0120150240>.
- Pederson, J.L., Janecke, S.U., Reheis, M.C., Kaufman, D.S., Oaks Jr, R.Q., 2016. Chapter 2 - The Bear River's History and Diversion: Constraints, Unsolved Problems, and Implications for the Lake Bonneville Record, Volume 20. in: Charles, G.O., John, F.S. (Eds.), *Developments in Earth Surface Processes*. Elsevier, pp. 28-59.
- Pellicer, X.M., Corella, J.P., Gutiérrez, F., Roqué, C., Linares, R., Carbonell, D., Zarroca, M., Guerrero, J., Comas, X., 2016. Sedimentological and palaeohydrological characterization of Late Pleistocene and Holocene tufa mound palaeolakes using trenching methods in the Spanish Pyrenees. *Sedimentology* 63, 1786-1819, <http://dx.doi.org/10.1111/sed.12290>.
- Peng, J., Dong, Z., Han, F., 2016a. Optically stimulated luminescence dating of sandy deposits from Gulang county at the southern margin of the Tengger Desert, China. *Journal of Arid Land* 8, 1-12, <http://dx.doi.org/10.1007/s40333-015-0137-6>.
- Peng, J., Dong, Z., Han, F., Gao, L., 2016b. Aeolian activity in the south margin of the Tengger Desert in northern China since the Late Glacial Period revealed by luminescence chronology. *Palaeogeography, Palaeoclimatology, Palaeoecology* 457, 330-341, <http://dx.doi.org/10.1016/j.palaeo.2016.06.028>.

- Peng, J., Pagonis, V., Li, B., 2016c. On the intrinsic accuracy and precision of the standardised growth curve (SGC) and global-SGC (gSGC) methods for equivalent dose determination: A simulation study. *Radiation Measurements* 94, 53-64, <http://dx.doi.org/10.1016/j.radmeas.2016.09.006>.
- Polymeris, G.S., 2016. Thermally assisted OSL (TA-OSL) from various luminescence phosphors; an overview. *Radiation Measurements* 90, 145-152, <http://dx.doi.org/10.1016/j.radmeas.2016.01.035>.
- Pope, R.J.J., Candy, I., Skourtos, E., 2016. A chronology of alluvial fan response to Late Quaternary sea level and climate change, Crete. *Quaternary Research* 86, 170-183, <http://dx.doi.org/10.1016/j.yqres.2016.06.003>.
- Portenga, E.W., Bishop, P., Gore, D.B., Westaway, K.E., 2016a. Landscape preservation under post-European settlement alluvium in the south-eastern Australian tablelands, inferred from portable OSL reader data. *Earth Surface Processes and Landforms* 41, 1697-1707, <http://dx.doi.org/10.1002/esp.3942>.
- Portenga, E.W., Westaway, K.E., Bishop, P., 2016b. Timing of post-European settlement alluvium deposition in SE Australia: A legacy of European land-use in the Goulburn Plains. *The Holocene* 26, 1472-1485, <http://dx.doi.org/10.1177/0959683616640047>.
- Prasad, A.K., Lapp, T., Kook, M., Jain, M., 2016. Probing luminescence centers in Na rich feldspar. *Radiation Measurements* 90, 292-297, <http://dx.doi.org/10.1016/j.radmeas.2016.02.033>.
- Preoteasa, L., Vespremeanu-Stroe, A., Tătui, F., Zăinescu, F., Timar-Gabor, A., Cîrdan, I., 2016. The evolution of an asymmetric deltaic lobe (Sf. Gheorghe, Danube) in association with cyclic development of the river-mouth bar: Long-term pattern and present adaptations to human-induced sediment depletion. *Geomorphology* 253, 59-73, <http://dx.doi.org/10.1016/j.geomorph.2015.09.023>.
- Przegiętka, K., Molewski, P., Juśkiewicz, W., Palczewski, P., Chabowski, M., 2016. OSL dating of modern fluvial sediments in the lower Vistula River: testing zeroing assumption. *Bulletin of Geography* 10, 107-121.
- Pupim, F.d.N., Sawakuchi, A.O., Mineli, T.D., Nogueira, L., 2016. Evaluating isothermal thermoluminescence and thermally transferred optically stimulated luminescence for dating of Pleistocene sediments in Amazonia. *Quaternary Geochronology* 36, 28-37, <http://dx.doi.org/10.1016/j.quageo.2016.08.003>.
- Quick, L.J., Meadows, M.E., Bateman, M.D., Kirsten, K.L., Mäusbacher, R., Haberzettl, T., Chase, B.M., 2016. Vegetation and climate dynamics during the last glacial period in the fynbos-afrotropical forest ecotone, southern Cape, South Africa. *Quaternary International* 404, Part B, 136-149, <http://dx.doi.org/10.1016/j.quaint.2015.08.027>.
- Rante, R., Fouache, E., Mirzaakhmedov, D., 2016. Dynamics of human settlements ensuing from river transformation and changes in commercial behaviour: The birth of the “North-eastern Silk Road”. *Journal of Archaeological Science: Reports* 9, 437-447, <http://dx.doi.org/10.1016/j.jasrep.2016.08.008>.
- Rémillard, A.M., St-Onge, G., Bernatchez, P., Hétu, B., Buylaert, J.-P., Murray, A.S., Vigneault, B., 2016. Chronology and stratigraphy of the Magdalen Islands archipelago from the last glaciation to the early Holocene: new insights into the glacial and sea-level history of eastern Canada. *Boreas* 45, 604-628, <http://dx.doi.org/10.1111/bor.12179>.
- Rengers, F.K., Tucker, G.E., Mahan, S.A., 2016. Episodic bedrock erosion by gully-head migration, Colorado High Plains, USA. *Earth Surface Processes and Landforms* 41, 1574-1582, <http://dx.doi.org/10.1002/esp.3929>.
- Reuther, J.D., Potter, B.A., Holmes, C.E., Feathers, J.K., Lanoë, F.B., Kielhofer, J., 2016. The Rosa-Keystone Dunes Field: The geoarchaeology and paleoecology of a late Quaternary stabilized dune field in Eastern Beringia. *The Holocene*, <http://dx.doi.org/10.1177/0959683616646190>.

- Rodrigues, K., Rink, W.J., Collins, M.B., Williams, T.J., Keen-Zebert, A., López, G.I., 2016. OSL ages of the Clovis, Late Paleoindian, and Archaic components at Area 15 of the Gault Site, Central Texas, U.S.A. Journal of Archaeological Science: Reports 7, 94-103, <http://dx.doi.org/10.1016/j.jasrep.2016.03.014>.
- Ross, J., Westaway, K., Travers, M., Morwood, M.J., Hayward, J., 2016. Into the Past: A Step Towards a Robust Kimberley Rock Art Chronology. PLoS ONE 11, e0161726, <http://dx.doi.org/10.1371/journal.pone.0161726>.
- Saikia, R.R., Amin, N., Nagar, Y.C., 2016. Dating of Paleochannel Sediment of Jorhat District of Assam, North Eastern India. International Research Journal of Engineering and Technology 3, 156-164.
- Sancho, C., Calle, M., Peña-Monné, J.L., Duval, M., Oliva-Urcia, B., Pueyo, E.L., Benito, G., Moreno, A., 2016. Dating the Earliest Pleistocene alluvial terrace of the Alcanadre River (Ebro Basin, NE Spain): Insights into the landscape evolution and involved processes. Quaternary International 407, Part A, 86-95, <http://dx.doi.org/10.1016/j.quaint.2015.10.050>.
- Sarkar, A., Mukherjee, A.D., Bera, M.K., Das, B., Juyal, N., Morthekai, P., Deshpande, R.D., Shinde, V.S., Rao, L.S., 2016. Oxygen isotope in archaeological bioapatites from India: Implications to climate change and decline of Bronze Age Harappan civilization. Scientific Reports 6, 26555, <http://dx.doi.org/10.1038/srep26555>.
- Sauer, D., Kadereit, A., Kühn, P., Kösel, M., Miller, C.E., Shinonaga, T., Kreutzer, S., Herrmann, L., Fleck, W., Starkovich, B.M., Stahr, K., 2016. The loess-palaeosol sequence of Datthausen, SW Germany: Characteristics, chronology, and implications for the use of the Lohne Soil as a marker soil. CATENA 146, 10-29, <http://dx.doi.org/10.1016/j.catena.2016.06.024>.
- Sawakuchi, A.O., Mendes, V.R., Pupim, F.d.N., Mineli, T.D., Ribeiro, L.M.A.L., Zular, A., Guedes, C.C.F., Giannini, P.C.F., Nogueira, L., Sallun Filho, W., Assine, M.L., 2016. Optically stimulated luminescence and isothermal thermoluminescence dating of high sensitivity and well bleached quartz from Brazilian sediments: from Late Holocene to beyond the Quaternary? Brazilian Journal of Geology 46, 209-226, <http://dx.doi.org/10.1590/2317-488920160030295>.
- Schirrmeister, L., Meyer, H., Andreev, A., Wetterich, S., Kienast, F., Bobrov, A., Fuchs, M., Sierralta, M., Herzschuh, U., 2016. Late Quaternary paleoenvironmental records from the Chatanika River valley near Fairbanks (Alaska). Quaternary Science Reviews 147, 259-278, <http://dx.doi.org/10.1016/j.quascirev.2016.02.009>.
- Schmidt, C., Zöller, L., 2016. Lumineszenzdatierung als Schlüssel zur Vergangenheit. Chemie in unserer Zeit 50, 188-197, <http://dx.doi.org/10.1002/ciuz.201600703>.
- Schmidt, C., Zöller, L., Hambach, U., 2015. Dating of sediments and soils, Erlanger Geographische Arbeiten band 42. in: Bernhard, L., Bäumler, R., Schmidt, M. (Eds.), Soils and Sediments as Archives of Landscape Change. Palm und Enke Verlag, pp. 119-146.
- Sharma, S., Chand, P., Bisht, P., Shukla, A.D., Bartarya, S.K., Sundriyal, Y.P., Juyal, N., 2016. Factors responsible for driving the glaciation in the Sarchu Plain, eastern Zanskar Himalaya, during the late Quaternary. Journal of Quaternary Science 31, 495-511, <http://dx.doi.org/10.1002/jqs.2874>.
- Shellberg, J.G., Spencer, J., Brooks, A.P., Pietsch, T.J., 2016. Degradation of the Mitchell River fluvial megafan by alluvial gully erosion increased by post-European land use change, Queensland, Australia. Geomorphology 266, 105-120, <http://dx.doi.org/10.1016/j.geomorph.2016.04.021>.
- Simkins, L.M., DeWitt, R., Simms, A.R., Briggs, S., Shapiro, R.S., 2016. Investigation of optically stimulated luminescence behavior of quartz from crystalline rock surfaces: A look forward. Quaternary Geochronology 36, 161-173, <http://dx.doi.org/10.1016/j.quageo.2016.09.002>.

- Singh, A.K., Menon, S.N., Kadam, S.Y., Koul, D.K., Datta, D., 2016. OSL studies of local bricks for retrospective dosimetric application. Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms 383, 14-20, <http://dx.doi.org/10.1016/j.nimb.2016.06.007>.
- Sinha, S., Sinha, R., 2016. Geomorphic evolution of Dehra Dun, NW Himalaya: Tectonics and climatic coupling. Geomorphology 266, 20-32, <http://dx.doi.org/10.1016/j.geomorph.2016.05.002>.
- Smedley, R.K., Pearce, N.J.G., 2016. Internal U, Th and Rb concentrations of alkali-feldspar grains: Implications for luminescence dating. Quaternary Geochronology 35, 16-25, <http://dx.doi.org/10.1016/j.quageo.2016.05.002>.
- Sohbati, R., Borella, J., Murray, A., Quigley, M., Buylaert, J.-P., 2016. Optical dating of loessic hillslope sediments constrains timing of prehistoric rockfalls, Christchurch, New Zealand. Journal of Quaternary Science 31, 678-690, <http://dx.doi.org/10.1002/jqs.2895>.
- Sophady, H., Forestier, H., Zeitoun, V., Puaud, S., Frère, S., Celiberti, V., Westaway, K., Mourer, R., Mourer-Chauviré, C., Than, H., Billault, L., Tech, S., 2016. Laang Spean cave (Battambang province): A tale of occupation in Cambodia from the Late Upper Pleistocene to Holocene. Quaternary International 416, 162-176, <http://dx.doi.org/10.1016/j.quaint.2015.07.049>.
- Soria-Jáuregui, Á., González-Amuchástegui, M.J., Mauz, B., Lang, A., 2016. Dynamics of Mediterranean late Quaternary fluvial activity: An example from the River Ebro (north Iberian Peninsula). Geomorphology 268, 110-122, <http://dx.doi.org/10.1016/j.geomorph.2016.06.006>.
- Srivastava, P., Sangode, S.J., Parmar, N., Meshram, D.C., Jadhav, P., Singhvi, A.K., 2016. Mineral magnetic characteristics of the late Quaternary coastal red sands of Bheemuni, East Coast (India). Journal of Applied Geophysics 134, 77-88, <http://dx.doi.org/10.1016/j.jappgeo.2016.08.005>.
- Stauch, G., 2016. Multi-decadal periods of enhanced aeolian activity on the north-eastern Tibet Plateau during the last 2ka. Quaternary Science Reviews 149, 91-101, <http://dx.doi.org/10.1016/j.quascirev.2016.07.027>.
- Stevens, T., Buylaert, J.-P., Lu, H., Thiel, C., Murray, A., Frechen, M., Yi, S., Zeng, L., 2016. Mass accumulation rate and monsoon records from Xifeng, Chinese Loess Plateau, based on a luminescence age model. Journal of Quaternary Science 31, 391-405, <http://dx.doi.org/10.1002/jqs.2848>.
- Stimpson, C.M., Lister, A., Parton, A., Clark-Balzan, L., Breeze, P.S., Drake, N.A., Groucott, H.S., Jennings, R., Scerri, E.M.L., White, T.S., Zahir, M., Duval, M., Grün, R., Al-Omari, A., Al Murayyi, K.S.M., Zalmout, I.S., Mufarreh, Y.A., Memesh, A.M., Petraglia, M.D., 2016. Middle Pleistocene vertebrate fossils from the Nefud Desert, Saudi Arabia: Implications for biogeography and palaeoecology. Quaternary Science Reviews 143, 13-36, <http://dx.doi.org/10.1016/j.quascirev.2016.05.016>.
- Sun, C., Wan, T., Xie, X., Shen, X., Liang, K., 2016. Knickpoint series of gullies along the Luoyunshan Piedmont and its relation with fault activity since late Pleistocene. Geomorphology 268, 266-274, <http://dx.doi.org/10.1016/j.geomorph.2016.06.026>.
- Swezey, C.S., Fitzwater, B.A., Whittecar, G.R., Mahan, S.A., Garrity, C.P., Alemán González, W.B., Dobbs, K.M., 2016. The Carolina Sandhills: Quaternary eolian sand sheets and dunes along the updip margin of the Atlantic Coastal Plain province, southeastern United States. Quaternary Research 86, 271-286, <http://dx.doi.org/10.1016/j.yqres.2016.08.007>.
- Thomas, D.S.G., Burrough, S.L., 2016. Luminescence-based dune chronologies in southern Africa: Analysis and interpretation of dune database records across the subcontinent. Quaternary International 410, Part B, 30-45, <http://dx.doi.org/10.1016/j.quaint.2013.09.008>.
- Toyoda, S., Nagashima, K., Yamamoto, Y., 2016. ESR signals in quartz: Applications to provenance research – A review. Quaternary International 397, 258-266, <http://dx.doi.org/10.1016/j.quaint.2015.05.048>.

- Tripaldi, A., Zárate, M.A., 2016. A review of Late Quaternary inland dune systems of South America east of the Andes. *Quaternary International* 410, Part B, 96-110, <http://dx.doi.org/10.1016/j.quaint.2014.06.069>.
- Tsakalos, E., 2016. Geochronology and exoscopy of quartz grains in environmental determination of coastal sand dunes in SE Cyprus. *Journal of Archaeological Science: Reports* 7, 679-686, <http://dx.doi.org/10.1016/j.jasrep.2015.11.031>.
- Tsakalos, E., Athanassas, C., Tsipas, P., Triantaphyllou, M., Geraga, M., Papatheodorou, G., Filippaki, E., Christodoulakis, J., Kazantzaki, M., 2016. Luminescence geochronology and paleoenvironmental implications of coastal deposits of southeast Cyprus. *Archaeological and Anthropological Sciences*, 1-20, <http://dx.doi.org/10.1007/s12520-016-0339-7>.
- Turner, D.G., Ward, B.C., Froese, D.G., Lamothe, M., Bond, J.D., Bigelow, N.H., 2016. Stratigraphy of Pleistocene glaciations in the St Elias Mountains, southwest Yukon, Canada. *Boreas* 45, 521-536, <http://dx.doi.org/10.1111/bor.12172>.
- Valla, P.G., Lowick, S.E., Herman, F., Champagnac, J.-D., Steer, P., Guralnik, B., 2016. Exploring IRSL50 fading variability in bedrock feldspars and implications for OSL thermochronometry. *Quaternary Geochronology* 36, 55-66, <http://dx.doi.org/10.1016/j.quageo.2016.08.004>.
- van Gorp, W., Schoorl, J.M., Temme, A.J.A.M., Reimann, T., Wijbrans, J.R., Maddy, D., Demir, T., Veldkamp, T., 2016. Catchment response to lava damming: integrating field observation, geochronology and landscape evolution modelling. *Earth Surface Processes and Landforms* 41, 1629-1644, <http://dx.doi.org/10.1002/esp.3981>.
- Vespremeanu-Stroe, A., Preoteasa, L., Zăinescu, F., Rotaru, S., Croitoru, L., Timar-Gabor, A., 2016. Formation of Danube delta beach ridge plains and signatures in morphology. *Quaternary International* 415, 268-285, <http://dx.doi.org/10.1016/j.quaint.2015.12.060>.
- von Suchodoletz, H., Gärtner, A., Hoth, S., Umlauft, J., Sukhishvili, L., Faust, D., 2016. Late Pleistocene river migrations in response to thrust belt advance and sediment-flux steering — The Kura River (southern Caucasus). *Geomorphology* 266, 53-65, <http://dx.doi.org/10.1016/j.geomorph.2016.04.026>.
- Ward, I., Salvemini, F., Veth, P., 2016. 3D visualisation and dating of an embedded chert artefact from Barrow Island. *Journal of Archaeological Science: Reports* 7, 432-436, <http://dx.doi.org/10.1016/j.jasrep.2016.05.023>.
- Weisrock, A., Balescu, S., Ouammou, A., Abdessadok, S., Ghaleb, B., Rousseau, L., Huot, S., Lamothe, M., Falguères, C., 2016. Géomorphologie, stratigraphie, géochronologie et oscillations glacio-eustatiques dans le domaine de la basse terrasse côtière, à l'embouchure de l'Assif Tamraght (Baie de Tarhazout, Agadir, Maroc) pendant le MIS 5 et le MIS 4. *Géomorphologie : relief, processus, environnement* 22, 265-286, <http://dx.doi.org/10.4000/geomorphologie.11439>.
- Wood, R., Jacobs, Z., Vannieuwenhuyse, D., Balme, J., O'Connor, S., Whitau, R., 2016. Towards an Accurate and Precise Chronology for the Colonization of Australia: The Example of Riwi, Kimberley, Western Australia. *PLoS ONE* 11, e0160123, <http://dx.doi.org/10.1371/journal.pone.0160123>.
- Woodbridge, K.P., Parsons, D.R., Heyvaert, V.M.A., Walstra, J., Frostick, L.E., 2016. Characteristics of direct human impacts on the rivers Karun and Dez in lowland south-west Iran and their interactions with earth surface movements. *Quaternary International* 392, 315-334, <http://dx.doi.org/10.1016/j.quaint.2015.10.088>.
- Wulf, S., Fedorowicz, S., Veres, D., Łanczont, M., Karátson, D., Gertisser, R., Bormann, M., Magyari, E., Appelt, O., Hambach, U., Gozhyk, P.F., 2016. The ‘Roxolany Tephra’ (Ukraine) – new evidence for an origin from Ciomadul volcano, East Carpathians. *Journal of Quaternary Science* 31, 565-576, <http://dx.doi.org/10.1002/jqs.2879>.

- Yi, C., Bi, W., Li, J., 2016a. ESR dating of glacial moraine deposits: Some insights about the resetting of the germanium (Ge) signal measured in quartz. *Quaternary Geochronology* 35, 69-76, <http://dx.doi.org/10.1016/j.quageo.2016.06.003>.
- Yi, S., Buylaert, J.-P., Murray, A.S., Lu, H., Thiel, C., Zeng, L., 2016b. A detailed post-IR IRSL dating study of the Niuyangzigou loess site in northeastern China. *Boreas* 45, 644-657, <http://dx.doi.org/10.1111/bor.12185>.
- Zeeden, C., Kels, H., Hambach, U., Schulte, P., Protze, J., Eckmeier, E., Marković, S.B., Klasen, N., Lehmkühl, F., 2016. Three climatic cycles recorded in a loess-palaeosol sequence at Semlac (Romania) – Implications for dust accumulation in south-eastern Europe. *Quaternary Science Reviews* 154, 130-142, <http://dx.doi.org/10.1016/j.quascirev.2016.11.002>.
- Zhang, J., 2016. Responses of late Quaternary sediments to climate change: Luminescence dating of coastal, lacustrine and aeolian deposits from northern China and Germany. Freien Universität Berlin.
- Zhou, L., Huang, C.C., Zhou, Y., Pang, J., Zha, X., Xu, J., Zhang, Y., Guo, Y., 2016. Late Pleistocene and Holocene extreme hydrological event records from slackwater flood deposits of the Ankang east reach in the upper Hanjiang River valley, China. *Boreas* 45, 673-687, <http://dx.doi.org/10.1111/bor.12181>.
- Zhuang, Y., Bao, W., French, C., 2016. Loess and early land use: Geoarchaeological investigation at the early Neolithic site of Guobei, Southern Chinese Loess Plateau. *CATENA* 144, 151-162, <http://dx.doi.org/10.1016/j.catena.2016.05.005>.
- Zhuo, H., Lu, H., Wang, S., Ahmad, K., Sun, W., Zhang, H., Yi, S., Li, Y., Wang, X., 2016. Chronology of newly-discovered Paleolithic artifact assemblages in Lantian (Shaanxi province), central China. *Quaternary Research* 86, 316-325, <http://dx.doi.org/10.1016/j.yqres.2016.08.008>.
- Zilhão, J., Ajas, A., Badal, E., Burow, C., Kehl, M., López-Sáez, J.A., Pimenta, C., Preece, R.C., Sanchis, A., Sanz, M., Weniger, G.-C., White, D., Wood, R., Angelucci, D.E., Villaverde, V., Zapata, J., 2016. Cueva Antón: A multi-proxy MIS 3 to MIS 5a paleoenvironmental record for SE Iberia. *Quaternary Science Reviews* 146, 251-273, <http://dx.doi.org/10.1016/j.quascirev.2016.05.038>.
- Zöller, L., Schmidt, C., 2016. OSL-Altersbestimmungen an den spätsaale- bis eemzeitlichen Ablagerungen von Jänschwalde. Brandenburgische Geowissenschaftliche Beiträge /Arbeitsber. Bodendenkmalpfl. Brandenburg, Sonderband 2016, 191-197.