**Publications by the ISOLAB Staff (for last 3 years), last actualization 20.11.2019**

**D.Sc. Maciej Tomasz Krajcarz, PhD**

**(for full publication list please see the website** [**http://www.ing.pan.pl/pracownicy/maciej-krajcarz**](http://www.ing.pan.pl/pracownicy/maciej-krajcarz)**)**

2019

* Gretzinger J., Molak M., Reiter E., Pfrengle S., Urban C., Neukamm J., Blant M., Conard N., Cupillard C., Dimitrijević V., Drucker D., Hofman-Kamińska E., Kowalczyk R., **Krajcarz M.T.**, Krajcarz M., Münzel S.C., Peresani M., Romandini M., Rufí I., Soler J., Terlato G., Krause J., Bocherens H. 2019. Large-scale mitogenomic analysis of the phylogeography of the Late Pleistocene cave bear. *Scientific Reports* 9: 10700, doi: 10.1038/s41598-019-47073-z.
* Kot M., Gryczewska N., Berto C., Wojenka M., Szeliga M., Jaskulska E., Fetner R., Krajcarz M., Wertz K., Zarzecka-Szubińska K., **Krajcarz M.T.**, Moskal-del Hoyo M., Leloch M., Jakubczak M. 2019. Thirteen cave sites: settlement patterns in Sąspów Valley, Polish Jura. *Antiquity* 93 (371): e30, doi: 10.15184/aqy.2019.155.
* Krajcarz M., **Krajcarz M.T.** 2019. Post-depositional bone destruction in cave sediments: a micromorphological study of the MIS 5a-d cave bear strata of Biśnik Cave, Poland. *Journal of Quaternary Science* 34 (2): 138-152, doi: 10.1002/jqs.3087.
* **Krajcarz M.T.** 2019. Alteration of the metal content in animal bones after 2.5-year experimental exposure to sediments. *Archaeological and Anthropological Sciences* 11 (1): 361–372, doi: 10.1007/s12520-017-0533-2.
* **Krajcarz M.T.**, Krajcarz M., Drucker D.G., Bocherens H. 2019. Prey-to-fox isotopic enrichment of 34S in bone collagen: Implications for palaeoecological studies. *Rapid Communications in Mass Spectrometry* 33: 1311-1317, doi: 10.1002/rcm.8471.

2018

* Baca M., Popović D., Panagiotopoulou H., Marciszak A., Krajcarz M., **Krajcarz M.T.**, Makowiecki D., Węgleński P., Nadachowski A. 2018. Human-mediated dispersal of cats in the Neolithic Central Europe. *Heredity* 121 (6): 557-563, doi: 10.1038/s41437-018-0071-4
* **Krajcarz M.T.**, Krajcarz M., Bocherens, H. 2018. Collagen-to-collagen prey-predator isotopic enrichment (Δ13C, Δ15N) in terrestrial mammals – a case study of a subfossil red fox den. *Palaeogeography, Palaeoclimatology, Palaeoecology* 490: 563-570, doi: 10.1016/j.palaeo.2017.11.044.
* **Krajcarz M.T.**, Krajcarz M., Ginter B., Goslar T., Wojtal P. 2018. Toward the chronology of Jerzmanowician – the new series of radiocarbon dates from Nietoperzowa Cave (Poland). *Archaeometry* 60 (2): 383-401, doi: 10.1111/arcm.12311.

2017

* Shnaider S.V., **Krajcarz M.T.**, Viola T.B., Abdykanova A., Kolobova K.A., Fedorchenko A.Y., Alisher-kyzy S., Krivoshapkin A.I. 2017. New investigations of the Epipalaeolithic in western Central Asia: Obishir-5. *Antiquity* 91, 3: 1-7, doi: 10.15184/aqy.2017.213

Accepted for publication:

* Stefaniak K., Lipecki G., Nadachowski A., Semba A., Ratajczak U., Kotowski A., Robličková M., Wojtal P., Shpansky A.V., Malikov D.G.; Krakhmalnaya T.V., Kovalchuk O.M., Boeskorov G.G., Nikolskiy P.A., Baryshnikov G.F., Ridush B., Jakubowski G., Pawłowska K., Cyrek K., Sudoł-Procyk M., Czyżewski Ł., Krajcarz M., **Krajcarz M.T.**, Żeromska A., Gagat P., Mackiewicz P. (2019). Diversity of muskox *Ovibos moschatus* (Zimmerman, 1780) (Bovidae, Mammalia) in time and space based on cranial morphometry. *Historical Biology* (accepted on 07.09.2019), doi: 10.1080/08912963.2019.1666374.

**Dr. Beata Gebus-Czupyt**

2018

* **Porowski A., Romanova A., Gebus-Czupyt B., Radzikowska M.** 2018. Isotopic Composition of Mineral and Therapeutic Bottled Waters in Poland: Comparative Study in the Light of the Quality and the Environmental Parameters. *Acta Balneologica* 4 (154): 264-271

**Dr. Adam Porowski**

2019

* **Porowski A.** 2019. AgF desalination procedure for the routine determination of oxygen and hydrogen isotopic composition of saline waters and brines. *Isotopes in Environmental Health Studies* 55 (1): 45-55, doi: 10.1080/10256016.2018.1561449
* **Porowski A.**, Porowska D., Hałas S. 2019. Identification of sulfate sources and biogeochemical processes in the aquifer affected by peatland: insights from monitoring of isotopic composition of groundwater sulfate, Kampinos National Park, Poland. *Water* 11 (7): 1388; doi: 10.3390/w11071388

2018

* **Porowski A., Romanova A., Gebus-Czupyt B., Radzikowska M.** 2018. Isotopic Composition of Mineral and Therapeutic Bottled Waters in Poland: Comparative Study in the Light of the Quality and the Environmental Parameters. *Acta Balneologica* 4 (154): 264-271
* Wysocka I., **Porowski A.**, Rogowska A., Kaczor-Kurzawa D. 2018. Pierwiastki ziem rzadkich (REE) w wodach powierzchniowych i podziemnych Polski na tle innych krajów Europy / Rare earth elements (REE) in surface and ground waters of Poland in comparison to other European countries. *Przegląd Geologiczny* 66 (11) :692-705, doi: 10.7306/2018.12

2017

* Żaczek J., **Porowski A.**, 2017. Hydrogeological settings and origin of groundwater composition in the southern part of the Gorce Mts, Kowaniec Mały catchment. *Annales Societatis Geologorum Poloniae* 87: 183-197, doi: 10.14241/asgp.2017.008

Accepted for publication:

* **Porowski A.**, Rman N., Fórizs I., Lamoreaux J. (2019): Introductory Editorial Thematic Issue: “Mineral and Thermal Waters”. *Environmental Earth Sciences* 16 (the special issue editorial, accepted on 02.07.2019).

**M.Sc. Magdalena Radzikowska**

2019

* Bojanowski M.J., Kędzior A., Porębski S.J., **Radzikowska M.** 2019. Origin and significance of early-diagenetic calcite concretions and barite from Silurian black shales in the East European Craton, Poland. *Acta Geologica Polonica* 69 (3): 403-430, doi: 0.24425/agp.2019.126450

2018

* **Porowski A., Romanova A., Gebus-Czupyt B., Radzikowska M.** 2018. Isotopic Composition of Mineral and Therapeutic Bottled Waters in Poland: Comparative Study in the Light of the Quality and the Environmental Parameters. *Acta Balneologica* 4 (154): 264-271

Accepted for publication:

* Mirosław-Grabowska J., Obremska M., Zawisza E., **Radzikowska M.**, Stańczak J. Towards a dystrophic lake: The history of Smolak Lake (northern Poland) on the basis of geochemical and biological data. *Catena* (accepted).

**M.Sc. Anastasia Romanova**

2019

* Gruszczyński T., **Romanova A.**, Małecki J., Ziułkiewicz M. 2019. Reconstruction of Thermal Conditions in the Subboreal Inferred from Isotopic Studies of Groundwater and Calcareous Tufa from the Spring Mire Cupola in Wardzyń (Central Poland). *Water* 11 (9): 1945, doi: 10.3390/w11091945

2018

* **Porowski A., Romanova A., Gebus-Czupyt B., Radzikowska M.** 2018. Isotopic Composition of Mineral and Therapeutic Bottled Waters in Poland: Comparative Study in the Light of the Quality and the Environmental Parameters. *Acta Balneologica* 4 (154): 264-271

**Dr. Paweł Zawidzki**

2019

* **Zawidzki P.**, Hercman H., Szczerba M., Zawidzki P., Trojan A. 2019. Carbon isotopes in wood combustion/pyrolysis products: An experimental and molecular simulation approaches. *Geochronometria* 46 (1): 111-124, doi: 10.1515/geochr-2015-0110