

Scientific Papers – ISI

Aurélien Tafani, **Cătălin Lazăr**, Robert H. Tykot, *Stable Isotope Data of Neolithic and Eneolithic Populations in the Balkans, 6600 to 4000 BC*, **Data in Brief**, 42, 108114, <https://doi.org/10.1016/j.dib.2022.108114>

Iosif Lazaridis, Songül Alpaslan-Roodenberg, Ayşe Acar, Ayşen Açikkol, Anagnostis Agelarakis, Levon Aghikyan, Uğur Akyüz, Desislava Andreeva, Gojko Andrijasevic, Dragana Antonović, Ian Armit, Alper *Atmaca*, Pavel Avetisyan, Ahmet İhsan Aytekin, Krum Bacvarov, Ruben Badalyan, Stefan Bakardzhiev, Jacqueline Balen, Lorenc Bejko, Rebecca Bernardos, Andreas Bertsatos, Hanifi Biber, Ahmet Bilir, Mario Bodružić, Michelle Bonogofsky, Clive Bonsall, Dušan Borić, Nikola Borovinić, Guillermo Bravo Morante, Katharina Buttinger, Kim Callan, Francesca Candilio, Mario Carić, Olivia Cheronet, Stefan Chohadzhiev, Maria-Eleni Chovalopoulou, Stella Chryssoulaki, Ion Ciobanu, Natalija Čondić, Mihai Constantinescu, Emanuela Cristiani, Brendan J. Culleton, Elizabeth Curtis, Jack Davis, Tatiana I. Demcenco, Valentin Dergachev, Zafer Derin, Sylvia Deskaj, Seda Devejyan, Vojislav Djordjević, Kellie Sara Duffett Carlson, Laurie R. Eccles, Nedko Elenski, Atilla Engin, Nihat Erdoğan, Sabiha Erir-Pazarıcı, Daniel M. Fernandes, Matthew Ferry, Suzanne Freilich, Alin Frînculeasa, Michael L. Galaty, Beatriz Gamarra, Boris Gasparyan, Bisserka Gaydarska, Elif Genç, Timur Gültekin, Serkan Gündüz, Tamás Hajdu, Volker Heyd, Suren Hobosyan, Nelli Hovhannisyan, Iliya Iliev, Lora Iliev, Stanislav Iliev, İlkay İvgin, Ivor Janković, Lence Jovanova, Panagiotis Karkanias, Berna Kavaz-Kındıgılı, Esra Hilal Kaya, Denise Keating, Douglas Kennett, Seda Deniz Kesici, Anahit Khudaverdyan, Krisztián Kiss, Sinan Kılıç, Paul Klostermann, Sinem Kostak Boca Negra Valdes, Saša Kovačević, Marta Krenz-Niedbala, Maja Krznarić Škrivanko, Rovenka Kurti, Pasko Kuzman, Ann Marie Lawson, **Catalin Lazar**, Krassimir Leshtakov, Thomas E. Levy, Ioannis Liritzi, Alper Yener Yavuz, Hakan Yılmaz, Fatma Zalzal, Anna Zett, Zhao Zhang, Rafet Çavuşoğlu, Nadin Rohland, Ron Pinhasi, David Reich, *The genetic history of the Southern Arc: a bridge between West Asia and Europe*, **Science**, 377, 6609, <https://doi.org/10.1126/science.abm4247>

Gabriel Popescu, Cristina Covătaru, Ionela Oprea, Laurent Carozza, Adrian Bălăşescu, Valentin Radu, Costantin Haită, Michael Barton, **Tiberiu Sava, Cătălin Lazăr**, *Sine Qua Non: Inferring Kodjadermen-Gumelnița-Karanovo VI population dynamics from aggregated probability distributions of radiocarbon dates*, **Radiocarbon (under review)**.

Conferences – Presentations

International Conferences

Pickartz N., Şerbănescu A., Erkul E., Thorwart M., Zolchow M., Wilken D., Hofmann R., Muller J., Lazăr C., Rabbel W. 2022. *First multi-method results from Sultana (România)*. Meeting of the German Geophysical Society, 7-10 March 2022.

Pickartz N., Şerbănescu A., Erkul E., Thorwart M., Zolchow M., Wilkenn D., Hofmann R., Muller J., Lazăr C., Rabbel W. 2022. Meeting of the German Geophysical Society, 7-10 March 2022.

Garcia-Vazquez A., Tafani A., Bălăşescu A., Vasile G., Golea M., Radu V., Snoeck C., Tykot R. H., Lazăr C. 2022. *Reconstructing the life in the Eneolithic site of Gumelnița (Romania): a*

multi-isotopic study ($\delta^{13}C$, $\delta^{15}N$, $\delta^{18}O$, $^{87}Sr/^{86}Sr$). Sesiunea Științifică Internațională CULTURĂ ȘI CIVILIZAȚIE LA DUNĂREA DE JOS, Ediția XVIII, Călărași 2 - 3 iunie 2022.

Covătaru C., Stal C., Lazăr C. 2022. *Human land-use analysis and landscape modification around Chiselet tell settlement.* Sesiunea Științifică Internațională CULTURĂ ȘI CIVILIZAȚIE LA DUNĂREA DE JOS, Ediția XVIII, Călărași 2 - 3 iunie 2022.

Sava G., Margariti Chr., Ilie M., Mănăilescu Chr., Stan D., Sava T. 2022. *Chemical pretreatments protocols for ^{14}C dating of cultural heritage samples.* CHEMCH – 6th International Congress Chemistry for Cultural Heritage, 4 July 2022 – 8 July 2022, Ravenna, Italy.

Popescu G., Covătaru C., Lazăr C. 2022. *Evaluating the impact of chronometric uncertainty in detecting Chalcolithic dispersals in Eastern Balkans and Lower Danube Basin.* 28th EAA Annual meeting in Budapest, Hungary, 31 August – 3 September 2022.

Țuțuianu L., Dobre M., Hanganu D., Sava T., Preoteasa L., Ailincăi S., Lazăr C., and Vespremeanu-Stroe A. 2022. *Geoarchaeological approach of the prehistoric inhabitation reconstruction of a key-region (Brăila-Jijila) from the Lower Danube Valley.* 10th International Conference on Geomorphology, Coimbra, Portugal, 12-16 September 2022, ICG2022-673, <https://doi.org/10.5194/icg2022-673>, 2022.

Workshops – Seminars

Prof. dr. Aurora Grandal d'Anglade (University of A Coruna, Spania).

„Untangling the relationship of humans and animals in the past using stable isotopes: the case of the Northeast of the Iberian Peninsula since the Neolithic until the first Iron Age. In 24th ArchaeoSciences Seminar, on-line event, organized by the Archaeosciences Division of the Research Institute of the University of Bucharest, University of Bucharest, 29 July 2022.