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CURRENT POSITION

Postdoctoral Researcher (2024-2025) at the Laboratory of Diet and Ancient Technology (DANTE), Department of Oral and Maxillofacial Sciences, Sapienza University of Rome (Italy)

PAST POSITIONS

Marie Skłodowska Curie Individual Fellow -MSCA-IF (G.A. 10130754) (2022-2024)
at the Institución Milá y Fontanals, Consejo Superior de Investigaciones Científicas (IMF-CSIC).

Postdoctoral Researcher (2017 -2021) at the Laboratory of Diet and Ancient Technology (DANTE) part of the ERC Funded Project “Hidden Foods” (G.A. no. 639286) under the direction of Dr Emanuela Cristiani.

EDUCATION

Tel Aviv University, Department of Archaeology and Near Eastern Studies (Tel Aviv, Israel)
21/07/2020. PhD with a research project on the use wear analysis of Quina scrapers from Middle Pleistocene site of Qesem Cave (Israel).
Supervised by Prof. Avi Gopher, Prof. Ran Barkai and Prof. Cristina Lemorini

Institute of Archaeology – University College London (London, United Kingdom)
01/11/2011 - MSc in Palaeoanthropology and Palaeolithic Archaeology. Graduated with merit with a dissertation based on use-wear analysis on percussion materials in the African Early Stone Age.
Supervised by Prof. Ignacio de la Torre

Università "Sapienza" di Roma (Roma, Italy)
30/06/2010 - B.A. in Archaeological Sciences. Graduated *cum laude* with a dissertation in Experimental Archaeology based on a six months 'study of Oldowan artifacts from the Lower Palaeolithic site of Kanjera South, Kenya, Africa.
Supervised by Prof. Cristina Lemorini

PUBLICATIONS

• Peer Reviewed Journals

1. **Zupancich, A.**, Cristiani, E., Di Fazio, M., Medeghini, L., Gopher, A., & Ibáñez, J. J. (2025). Beyond the surface: Exploring ancient plant food processing through confocal microscopy and 3D texture analysis on ground stone tools. *Journal of archaeological method and theory*, 32(1), 1–34.
2. **Zupancich, A.**, Cristiani, E., Carra, M., Antonović, D., & Borić, D. (2025). Mesolithic plant processing unveiled: Multiscale use-wear analysis of the ground stone tools from Vlasac (Serbia). *Journal of archaeological science, reports*, 61(104907), 104907.
3. Fasser, N., **Zupancich, A.**, Visentin, D., Cristiani, E., & Fontana, F. (2024). Addressing backing techniques through high-magnification microscopy and quantitative analyses. *Journal of archaeological science, reports*, 59(104737), 104737.

4. Holst, D., Cristiani, E., **Zupancich, A.**, and Calandra, I. 2024. Functional Analyses on Sandstone Slabs from the Submerged Mesolithic/Neolithic Site of Neustadt LA 156 (Northern Germany). *Journal of Archaeological Science, Reports* 56 (104572): 104572.
5. **Zupancich, A.**, Cristiani, E., Gopher, A., Ibáñez, J.J., 2023. Human-plant interaction at the onset of agriculture: the PATH project. *Antiquity* 97, e26.
6. Delpiano, D., **Zupancich, A.**, Bertola, S., Martellotta, E.F., Livraghi, A., Cristiani, E., Peresani, M., 2022. Flexibility within Quina lithic production systems and tool-use in Northern Italy: implications on Neanderthal behavior and ecology during early MIS 4. *Archaeol. Anthropol. Sci.* 14, 219.
7. González-Rabanal, B., Marín-Arroyo, A.B., Cristiani, E., **Zupancich, A.**, González-Morales, M.R., 2022. The arrival of millets to the Atlantic coast of northern Iberia. *Sci. Rep.* 12, 1–12.
8. Gravel-Miguel, C., Cristiani, E., Hodgkins, J., Orr, C.M., Strait, D.S., Peresani, M., Benazzi, S., Pothier-Bouchard, G., Keller, H.M., Meyer, D., Drohobytsky, D., Talamo, S., Panetta, D., **Zupancich, A.**, Miller, C.E., Negrino, F., Riel-Salvatore, J., 2022. The Ornaments of the Arma Veirana Early Mesolithic Infant Burial. *Journal of Archaeological Method and Theory*. <https://doi.org/10.1007/s10816-022-09573-7>
9. Carra, M., **Zupancich, A.**, Fiorin, E., Sarti, L., Lo Vetro, D., Martini, F., Cristiani, E., 2022. Plant foods in the Late Palaeolithic of Southern Italy and Sicily: Integrating carpological and dental calculus evidence. *Quaternary International*. <https://doi.org/10.1016/j.quaint.2022.06.007>
10. Cristiani, E., Radini, A., **Zupancich, A.**, Gismondi, A., D'Agostino, A., Ottoni, C., Carra, M., Vukojičić, S., Constantinescu, M., Antonović, D., Price, T.D., Borić, D., 2021. Wild cereal grain consumption among Early Holocene foragers of the Balkans predates the arrival of agriculture. *Elife* 10, 2021.10.14.464411. <https://doi.org/10.7554/eLife.72976>
11. Peresani, M., Bertola, S., Caricola, I., Nunziante Cesaro, S., Duches, R., Ferretti, P., Margaritora, D., Marrocchino, E., Eftekhari, N., Vaccaro, C., **Zupancich, A.**, Cristiani, E., 2021. A taste for the unusual. Green, flat pebbles used by late Neanderthals. *Journal of Anthropological Archaeology* 64, 101368. <https://doi.org/10.1016/j.jaa.2021.101368>
12. Cristiani, E., **Zupancich, A.**, Duches, R., Carra, M., Caricola, I., Fontana, A., Flor, E., Fontana, F., 2021. Non-flaked stones used in the Mesolithic Eastern Alpine Region: A functional assessment from Romagnano Loc III and Pradestel sites. *J. Archaeol. Sci. Rep.* 37, 102928. <https://doi.org/10.1016/j.jasrep.2021.102928>
13. **Zupancich, A.**, Shemer, M., Barkai, R., 2021. Biface use in the Lower Paleolithic Levant: First insights from late Acheulean Revadim and Jaljulia (Israel). *J. Archaeol. Sci. Rep.* 36, 102877. <https://doi.org/10.1016/j.jasrep.2021.102877>
14. Nava, A., Fiorin, E., **Zupancich, A.**, Carra, M., Ottoni, C., Di Carlo, G., Voza, I., Brugnoletti, O., Alhaique, F., Cremonesi, R.G., Coppa, A., Bondioli, L., Borić, D., Cristiani, E., 2021. Multipronged dental analyses reveal dietary differences in last foragers and first farmers at Grotta Continenza, central Italy (15,500–7000 BP). *Sci. Rep.* 11, 4261. <https://doi.org/10.1038/s41598-021-82401-2>
15. Mazur, M., Marasca, R., Ottolenghi, L., Voza, I., Covello, F., **Zupancich, A.**, Cristiani, E., Nava, A., 2020. Different Resorptive Patterns of Two Avulsed and Replanted Upper Central Incisors Based on Scanning Electron Microscopy and Stereomicroscopic Analysis: A Case Report. *NATO Adv. Sci. Inst. Ser. E Appl. Sci.* 10, 3551. <https://doi.org/10.3390/app10103551>
16. Cristiani, E., **Zupancich, A.** 2020 Sandstone Ground Stone Technology: a Multi-level Use Wear and Residue Approach to Investigate the Function of Pounding and Grinding Tools. *Journal of Archaeological Method and Theory*. <https://doi.org/10.1007/s10816-020-09488-1>
17. Lemorini, C., Cristiani, E., Cesaro, S., Venditti, F., **Zupancich, A.**, Gopher, A. 2020. The use of ash at Late Lower Paleolithic Qesem Cave, Israel—An integrated study of use-wear and residue analysis. *PLoS ONE* 15(9): e0237502. <https://doi.org/10.1371/journal.pone.0237502>
18. **Zupancich, A.**, Cristiani, E. 2020. Functional analysis of sandstone ground stone tools: arguments for a qualitative and quantitative synergetic approach. *Scientific Reports*. <http://doi.org/10.1038/s41598-020-72276-0>

19. Agam, A., **Zupancich, A.** 2020. Interpreting the Quina and demi-Quina scrapers from Acheulo-Yabrudian Qesem Cave, Israel: Results of raw materials and functional analyses. *Journal of Human Evolution*, 144, 102798. <https://doi.org/10.1016/j.jhevol.2020.102798>
20. Delpiano, D., **Zupancich, A.**, Peresani, M. 2019. Innovative Neanderthals: Results from an integrated analytical approach applied to backed stone tools. *Journal of Archaeological Science*, 110, 105011. <https://doi.org/10.1016/j.jas.2019.105011>
21. **Zupancich, A.**, Mutri, G., Caricola, I., Carra, M., Radini, A., Cristiani, E. 2019. The Application of 3D Modeling and Spatial Analysis in the Study of Groundstones Used in Wild Plants Processing. *Archaeological and Anthropological Sciences* 11 (9): 480, 1-27
22. Cristiani, E., Radini, A., Borić, D., Robson, H.K., Caricola, I., Carra, M., Mutri, G., Oxilia, G., **Zupancich, A.**, Šlaus, M. and Vujević, D. 2018. Dental Calculus and Isotopes Provide Direct Evidence of Fish and Plant Consumption in Mesolithic Mediterranean. *Scientific Reports* 8 (1): 8147. <https://doi.org/10.1038/s41598-018-26045-9>.
23. Caricola, I., **Zupancich, A.**, Moscone, D., Mutri, G., Falcucci, A., Duches, R., Peresani, M. and Cristiani, E. 2018. An Integrated Method for Understanding the Function of Macro-Lithic Tools . Use Wear , 3D and Spatial Analyses of an Early Upper Palaeolithic Assemblage from North Eastern Italy. *PloS One*, 1–46. <https://doi.org/http://doi.org/10.1371/journal.pone.0207773>.
24. **Zupancich, A.**, Nunziante-Cesaro, S., Blasco, R., Rosell, J., Cristiani, E., Venditti, F., Lemorini, C., Barkai, R., Gopher, A. 2016. Early Evidence of Stone Tool Use in Bone Working Activities at Qesem Cave, Israel. *Scientific Reports* 6 (October): 1-7
25. **Zupancich, A.**, Lemorini, C., Gopher, A., Barkai, R. 2015. On Quina and Demi-Quina Scraper Handling: Preliminary Results from the Late Lower Paleolithic Site of Qesem Cave, Israel. *Quaternary International: The Journal of the International Union for Quaternary Research*, 1-9.
26. Lemorini, C., Bourguignon, L., **Zupancich, A.**, Gopher, A. & Barkai, R. 2015. A scraper 's life history: Morpho-techno-functional and use-wear analysis of Quina and demi-Quina scrapers from Qesem Cave , Israel. *Quaternary International*, 1–8. <http://doi.org/10.1016/j.quaint.2015.05.013>
27. Nicoud, E., Aureli, D., Pagli, C., Villa, V., Chausse, C., Agostini, S., Bahain, J-J., Boschian, G., Degeai, J-P., Fusco, F., Giaccio, B., Hernandez, M., Kuzucuoglu, C., Lahaye, C., Lemorini, C., Limondin-Lozouet, N., Mazza, P., Mercier, N., Nomade, S., Pereira, A., Robert, V., Rossi, M A., Virmoux, C., **Zupancich, A.** 2016. Preliminary data from Valle Giumentina Pleistocene site (Abruzzo, Central Italy): a new approach to a Clactonian and Acheulian sequence. *Quaternary International*, 409, 182-194. <http://dx.doi.org/10.1016/j.quaint.2015.08.080>
28. Solodenko, N., **Zupancich, A.**, Nunziante Cesaro, S., Marder, O., Lemorini, C. and Barkai, R. 2015. Fat Residue and Use-Wear Found on Acheulian Biface and Scraper Associated with Butchered Elephant Remains at the Site of Revadim, Israel. *PloS One*, 1–17. <http://doi.org/10.1371/journal.pone.0118572>
29. de la Torre, I., Benito-Calvo, A., Arroyo, A., **Zupancich, A.** and Proffitt, T. 2013. Experimental protocols for the study of battered stone anvils from Olduvai Gorge (Tanzania). *Journal of Archaeological Science*, 40(1), 313–332. <http://doi.org/10.1016/j.jas.2012.08.007>

• Chapters in Edited Volumes

1. Cristiani, E., **Zupancich, A.** and Cvitkušić, B. 2020. *Combining microscopic analysis and GIS to analyse experimental perforations on Columbella rustica shells*. In M. Mărgărit (ed.) *Beauty and the Eye of the Beholder: Personal Adornments Across the Millennia*, 27–40. Târgoviște, Cetatea de Scaun Publishing.

COMMISSIONS OF TRUST

2023 to date - Guest Editor for Special Issue of the Journal of Archaeological Science: Reports *Tracing Social Dynamics*”.

2020 - Guest Editor for Volume 33 of the Journal of Archaeological Science: Reports *Quantitative Approaches to Use Wear and Residue Analysis for the Study of Prehistoric Stone Technology*”.

ORGANISATION OF SCIENTIFIC CONFERENCES AND WORKSHOPS

2024 – Co-organiser of the international workshop 10th Seminar of Prehistoric Technology “*Residue Analysis of Artefacts and Archaeological Contexts*”, IMF-CSIC Barcelona (Spain), 13th-15th September 2023.

2022 – Co-organiser of the international workshop “Confocal Microscopy for the analysis of wear on tools and teeth in Prehistory” 9th Seminar of Prehistoric Technology at the IMF-CSC, 2nd - 4th May 2022 Barcelona (Spain).

2022 - Co-Organiser of the international conference "Tracing Social Dynamics" Association of Archaeological Wear and Residues Analysts - AWRANA. 4th - 7th April 2022, Barcelona (Spain).

ORGANISED SESSIONS AT INTERNATIONAL CONFERENCES

1. EAA 2020 “Virtual” 24th-30th August 2020. Cristiani, E., Radini, A. and **Zupancich, A.** Session #364 Integrated Methodologies for the Study of Lifeways, Dietary and Occupational Environments in Prehistoric and Historical Periods
2. EAA 2018 “Reflecting Futures”, 5th-8th September 2018 Barcelona (Spain). Forte V. and **Zupancich A.** Session # 688 “The Head and The Hand”: Skills, Learning and Knowledge In Prehistoric Productions.

FUNDING

2023 - Ramon y Cajal Postdoctoral Fellowship (Institut Català de Paleoecologia Humana i Evolució Social (IPHES-CERCA). 241.800,00 €

- BE-FOR-ERC (SAPIExcellence, Sapienza University of Rome). 50.000,00 €

2021 – Marie Skłodowska Curie Individual Fellowship -MSCA-IF (HORIZON 2020). 172.932,00 €

– COST Short Term Scientific Mission with the INEAL Action. 1.350,00 €

2020 - Irene Levi Sala Care Archaeological Foundation Research Grant. 3.500,00 €

2015 - Irene Levi Sala Care Archaeological Foundation Research Grant. 5.000,00 €

Luglio 2025

Andrea Zupancich