

**Publication list – Judith Beier**  
(November 2024)

**Publications in peer-reviewed journals and edited volumes**

**Beier, J.**, Santon, M., Rathmann, H., Estimating trauma prevalence from incomplete human skeletal remains. *Scientific Reports* 14 (2024), 27713. <https://doi.org/10.1038/s41598-024-76231-1>

Rathmann, H., Vizzari, M.T., **Beier, J.**, Bailey, S.E., Ghirotto, S., Harvati, K., Human population dynamics in Upper Paleolithic Europe inferred from fossil dental phenotypes, *Science Advances* 10 (2024), eadn8129. <https://doi.org/10.1126/sciadv.adn8129>

**Beier J.**, Anthes N., Wahl J., Harvati K., Prevalence of Cranial Trauma in Eurasian Upper Paleolithic Humans, *American Journal of Physical Anthropology* 174 (2021), 268-284. <https://doi.org/10.1002/ajpa.24163>

**Beier J.**, Anthes N., Wahl J., Harvati K., Similar cranial trauma prevalence among Neanderthals and Upper Palaeolithic modern humans. *Nature* 563 (2018), 686-690. <https://doi.org/10.1038/s41586-018-0696-8>

Francken, M., **Beier, J.**, Reyes-Centeno, H., Harvati, K., Rademaker, K. (2018). The human skeletal remains from the Cuncacha rock shelter, Peru, in: Harvati, K., Jäger, G., Reyes-Centeno, H. (eds.), *New Perspectives on the Peopling of the Americas. Words, Bones, Genes, Tools: DFG Center for Advanced Studies Series Vol. 1*, Kerns Verlag: Tübingen (ISBN: 978-3-935751-28-5). [Link to fulltext.](#)

Posth, C., Nakatsuka, N., Lazaridis, I., Skoglund, P., Mallick, S., Lamnidis, T.C., Rohland, N., Nägele, K., Adamski, N., Bertolini, E., Broomandkhosbacht, N., Cooper, A., Culleton, B.J., Ferraz, T., Ferry, M., Furtwängler, A., Haak, W., Harkins, K., Harper, T.K., Hünemeier, T., Lawson, A.M., Llamas, B., Michel, M., Nelson, E., Oppenheimer, J., Patterson, N., Schiffels, S., Sedig, J., Stewardson, K., Talamo, S., Wang, C.-C., Hublin, J.-J., Hubbe, M., Harvati, K., Nuevo Delaunay, A., **Beier, J.**, Francken, M., Kaulicke, P., Reyes-Centeno, H., Rademaker, K., Trask, W.R., Robinson, M., Gutierrez, S.M., Prufer, K.M., Salazar-García, D.C., Chim, E.N., Müller Plumm Gomes, L., Alves, M.L., Liryo, A., Inglez, M., Oliveira, R.E., Bernardo, D.V., Barioni, A., Wesolowski, V., Scheifler, N.A., Rivera, M.A., Plens, C.R., Messineo, P.G., Figuti, L., Corach, D., Scabuzzo, C., Eggers, S., DeBlasis, P., Reindel, M., Méndez, C., Politis, G., Tomasto-Cagigao, E., Kennett, D.J., Strauss, A., Fehren-Schmitz, L., Krause, J., Reich, D. (2018). Reconstructing the Deep Population History of Central and South America. *Cell* 175, 1185–1197. <https://doi.org/10.1016/j.cell.2018.10.027>

**Dissertation**

**Beier, J.**, (2021), Analyses of cranial trauma in Neanderthal and modern human fossil remains, Dissertation, University of Tübingen, Germany. <http://hdl.handle.net/10900/119049>

**Data**

**Beier, J.**, (2020), Data for Publication "Prevalence of Cranial Trauma in Eurasian Upper Paleolithic Humans". *Zenodo*. <http://doi.org/10.5281/zenodo.3979485>

**Other publications**

Rathmann, H., Vizzari, M.T., **Beier, J.** Bevölkerungswandel im eiszeitlichen Europa. *Senckenberg Natur – Forschung – Museum. Das Senckenberg Wissenschaftsmagazin*, Band 154, Heft 10 (2024), 180-185.

De Caro, D., Saunders M.A., Eteson, B., Mentzer S.M., **Beier, J.**, Thirteenth Annual Meeting of the European Society for the Study of Human Evolution, *Evolutionary Anthropology* 33 (2024), e22029. <https://doi.org/10.1002/evan.22029>

**Beier, J.**, Harvati, K., Same but different: The prevalence of head injuries in Ice Age humans. Behind the Paper, *Nature Research Ecology & Evolution Community* [Blog post, 23. December 2018]. Available at: <https://communities.springernature.com/posts/same-but-different-the-prevalence-of-head-injuries-in-ice-age-humans>

Mori T., **Beier J.**, de Matos D., Mentzer S.M., Seventh Annual Meeting of the European Society for the Study of Human Evolution. *Evolutionary Anthropology* 27 (2018), 3-4. <https://doi.org/10.1002/evan.21564>

### **Conference abstract publications**

**Beier, J.**, Santon, M., Rathmann, H., A comparison of two approaches for estimating trauma prevalence from incomplete human skeletal remains. *30th EAA Annual Meeting (Rome, Italy 2024) - Abstract Book* (2024), 1652. ISBN 978-80-88441-08-3.

**Beier, J.**, Anthes, N., Wahl, J., Harvati, K., Prevalence of cranial trauma in Upper Paleolithic human fossil remains. *American Journal of Biological Anthropology* 174/S71 (2021), 8.

**Beier, J.**, Anthes, N., Wahl, J., Harvati, K., Prevalence of Cranial Trauma in Upper Paleolithic Humans. *Proceedings of the European Society for the Study of Human Evolution* (2020), 13.

**Beier, J.**, Anthes, N., Wahl, J., Harvati, K., Cranial trauma prevalence in Neanderthals and early Upper Paleolithic modern humans. *American Journal of Physical Anthropology* 168/S68 (2019), 15-16.

Francken, M., **Beier, J.**, Reyes-Centeno, H., Rademaker, K., Harvati, K., Assessment of pathological conditions found in Andean Holocene inhabitants of Cuncaicha rock shelter, Peru. *American Journal of Physical Anthropology* 168/S68 (2019), 77.

**Beier, J.**, Anthes, N., Wahl, J., Harvati, K., Skull trauma probabilities in Neanderthals and Upper Paleolithic modern humans. *Proceedings of the European Society for the Study of Human Evolution* 6 (2017), 20.