Frido Welker

List of Publications by Year
in descending order

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37 papers	2,537 citations	279487 23 h-index	344852 36 g-index
43 all docs	43 docs citations	43 times ranked	2606 citing authors

#	Article	IF	Citations
1	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. Nature, 2019, 569, 409-412.	13.7	302
2	Ancient proteins resolve the evolutionary history of Darwinâ€™s South American ungulates. Nature, 2015, 522, 81-84.	13.7	273
3	Palaeoproteomic evidence identifies archaic hominins associated with the ChÃ¢telperronian at the Grotte du Renne. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11162-11167.	3.3	251
4	Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. Nature, 2020, 581, 299-302.	13.7	188
5	A guide to ancient protein studies. Nature Ecology and Evolution, 2018, 2, 791-799.	3.4	163
6	Early Pleistocene enamel proteome from Dmanisi resolves Stephanorhinus phylogeny. Nature, 2019, 574, 103-107.	13.7	135
7	Initial Upper Palaeolithic humans in Europe had recent Neanderthal ancestry. Nature, 2021, 592, 253-257.	13.7	119
8	The dental proteome of Homo antecessor. Nature, 2020, 580, 235-238.	13.7	100
9	Using ZooMS to identify fragmentary bone from the Late Middle/Early Upper Palaeolithic sequence of Les CottÃ©s, France. Journal of Archaeological Science, 2015, 54, 279-286.	1.2	93
10	Exceptionally high Î´¹⁵N values in collagen single amino acids confirm Neandertals as high-trophic level carnivores. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4928-4933.	3.3	91
11	A 14C chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. Nature Ecology and Evolution, 2020, 4, 794-801.	3.4	85
12	Enamel proteome shows that Gigantopithecus was an early diverging pongine. Nature, 2019, 576, 262-265.	13.7	82
13	Ancient Biomolecules and Evolutionary Inference. Annual Review of Biochemistry, 2018, 87, 1029-1060.	5.0	76
14	The Northern Route for Human dispersal in Central and Northeast Asia: New evidence from the site of Tolbor-16, Mongolia. Scientific Reports, 2019, 9, 11759.	1.6	55
15	Middle Pleistocene protein sequences from the rhinoceros genusStephanorhinusand the phylogeny of extant and extinct Middle/Late Pleistocene Rhinocerotidae. PeerJ, 2017, 5, e3033.	0.9	54
16	Early pastoral economies along the Ancient Silk Road: Biomolecular evidence from the Alay Valley, Kyrgyzstan. PLoS ONE, 2018, 13, e0205646.	1.1	46
17	Combining ZooMS and zooarchaeology to study Late Pleistocene hominin behaviour at Fumane (Italy). Scientific Reports, 2019, 9, 12350.	1.6	46
18	Palaeoproteomics for human evolution studies. Quaternary Science Reviews, 2018, 190, 137-147.	1.4	42

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19	Analysis of coprolites from the extinct mountain goat Myotragus balearicus. Quaternary Research, 2014, 81, 106-116.	1.0	34
20	Variations in glutamine deamidation for a ChÃ¢telperronian bone assemblage as measured by peptide mass fingerprinting of collagen. Science and Technology of Archaeological Research, 2017, 3, 15-27.	2.4	34
21	Non-destructive ZooMS identification reveals strategic bone tool raw material selection by Neandertals. Scientific Reports, 2020, 10, 7746.	1.6	34
22	SPIN enables high throughput species identification of archaeological bone by proteomics. Nature Communications, 2022, 13, 2458.	5.8	31
23	Central European Woolly Mammoth Population Dynamics: Insights from Late Pleistocene Mitochondrial Genomes. Scientific Reports, 2017, 7, 17714.	1.6	30
24	Pluridisciplinary evidence for burial for the La Ferrassie 8 Neandertal child. Scientific Reports, 2020, 10, 21230.	1.6	30
25	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos. Nature Communications, 2022, 13, 2557.	5.8	20
26	Multi-protease analysis of Pleistocene bone proteomes. Journal of Proteomics, 2020, 228, 103889.	1.2	18
27	Direct radiocarbon dating and genetic analyses on the purported Neanderthal mandible from the Monti Lessini (Italy). Scientific Reports, 2016, 6, 29144.	1.6	16
28	Elucidation of cross-species proteomic effects in human and hominin bone proteome identification through a bioinformatics experiment. BMC Evolutionary Biology, 2018, 18, 23.	3.2	15
29	A multi-proxy approach to exploring Homo sapiensâ€™ arrival, environments and adaptations in Southeast Asia. Scientific Reports, 2021, 11, 21080.	1.6	12
30	A 41,500Âyear-old decorated ivory pendant from Stajnia Cave (Poland). Scientific Reports, 2021, 11, 22078.	1.6	12
31	Initial Upper Paleolithic bone technology and personal ornaments at Bacho Kiro Cave (Bulgaria). Journal of Human Evolution, 2022, 167, 103198.	1.3	12
32	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. BioScience, 2019, 69, 877-887.	2.2	11
33	The effect of eraser sampling for proteomic analysis on Palaeolithic bone surface microtopography. Scientific Reports, 2021, 11, 23611.	1.6	6
34	Human and cervid osseous materials used for barbed point manufacture in Mesolithic Doggerland. Journal of Archaeological Science: Reports, 2021, 35, 102678.	0.2	3
35	A late middle pleistocene Denisovan mandible from the Tibetan Plateau. Yearbook of Paediatric Endocrinology, 0, , .	0.0	1
36	Editorial. Journal of Proteomics, 2022, 253, 104460.	1.2	0

#	Article	IF	Citations
37	Methodological advances in Neanderthal identification, phylogeny, chronology, mobility, climate, and diet. , 2022, , 303-320.		0