

Frido Welker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4715958/publications.pdf>

Version: 2024-02-01

37
papers

2,537
citations

279798
23
h-index

345221
36
g-index

43
all docs

43
docs citations

43
times ranked

2606
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial. Journal of Proteomics, 2022, 253, 104460.	2.4	0
2	SPIN enables high throughput species identification of archaeological bone by proteomics. Nature Communications, 2022, 13, 2458.	12.8	31
3	Initial Upper Paleolithic bone technology and personal ornaments at Bacho Kiro Cave (Bulgaria). Journal of Human Evolution, 2022, 167, 103198.	2.6	12
4	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos. Nature Communications, 2022, 13, 2557.	12.8	20
5	Methodological advances in Neanderthal identification, phylogeny, chronology, mobility, climate, and diet. , 2022, , 303-320.		0
6	Human and cervid osseous materials used for barbed point manufacture in Mesolithic Doggerland. Journal of Archaeological Science: Reports, 2021, 35, 102678.	0.5	3
7	Initial Upper Palaeolithic humans in Europe had recent Neanderthal ancestry. Nature, 2021, 592, 253-257.	27.8	119
8	A multi-proxy approach to exploring Homo sapiensâ€™ arrival, environments and adaptations in Southeast Asia. Scientific Reports, 2021, 11, 21080.	3.3	12
9	A 41,500-year-old decorated ivory pendant from Stajnia Cave (Poland). Scientific Reports, 2021, 11, 22078.	3.3	12
10	The effect of eraser sampling for proteomic analysis on Palaeolithic bone surface microtopography. Scientific Reports, 2021, 11, 23611.	3.3	6
11	Multi-protease analysis of Pleistocene bone proteomes. Journal of Proteomics, 2020, 228, 103889.	2.4	18
12	Pluridisciplinary evidence for burial for the La Ferrassie 8 Neandertal child. Scientific Reports, 2020, 10, 21230.	3.3	30
13	A 14C chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. Nature Ecology and Evolution, 2020, 4, 794-801.	7.8	85
14	Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. Nature, 2020, 581, 299-302.	27.8	188
15	Non-destructive ZooMS identification reveals strategic bone tool raw material selection by Neandertals. Scientific Reports, 2020, 10, 7746.	3.3	34
16	The dental proteome of Homo antecessor. Nature, 2020, 580, 235-238.	27.8	100
17	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.	3.3	55
18	Combining ZooMS and zooarchaeology to study Late Pleistocene hominin behaviour at Fumane (Italy). Scientific Reports, 2019, 9, 12350.	3.3	46

#	ARTICLE	IF	CITATIONS
19	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019, 574, 103-107.	27.8	135
20	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. <i>BioScience</i> , 2019, 69, 877-887.	4.9	11
21	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019, 569, 409-412.	27.8	302
22	Exceptionally high $\delta^{15}\text{N}$ values in collagen single amino acids confirm Neandertals as high-trophic level carnivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4928-4933.	7.1	91
23	Enamel proteome shows that <i>Gigantopithecus</i> was an early diverging pongine. <i>Nature</i> , 2019, 576, 262-265.	27.8	82
24	Elucidation of cross-species proteomic effects in human and hominin bone proteome identification through a bioinformatics experiment. <i>BMC Evolutionary Biology</i> , 2018, 18, 23.	3.2	15
25	Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , 2018, 87, 1029-1060.	11.1	76
26	A guide to ancient protein studies. <i>Nature Ecology and Evolution</i> , 2018, 2, 791-799.	7.8	163
27	Early pastoral economies along the Ancient Silk Road: Biomolecular evidence from the Alay Valley, Kyrgyzstan. <i>PLoS ONE</i> , 2018, 13, e0205646.	2.5	46
28	Palaeoproteomics for human evolution studies. <i>Quaternary Science Reviews</i> , 2018, 190, 137-147.	3.0	42
29	Variations in glutamine deamidation for a Châtelperronian bone assemblage as measured by peptide mass fingerprinting of collagen. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 15-27.	2.4	34
30	Central European Woolly Mammoth Population Dynamics: Insights from Late Pleistocene Mitochondrial Genomes. <i>Scientific Reports</i> , 2017, 7, 17714.	3.3	30
31	Middle Pleistocene protein sequences from the rhinoceros genus <i>Stephanorhinus</i> and the phylogeny of extant and extinct Middle/Late Pleistocene Rhinocerotidae. <i>PeerJ</i> , 2017, 5, e3033.	2.0	54
32	Palaeoproteomic evidence identifies archaic hominins associated with the Châtelperronian at the Grotte du Renne. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11162-11167.	7.1	251
33	Direct radiocarbon dating and genetic analyses on the purported Neanderthal mandible from the Monti Lessini (Italy). <i>Scientific Reports</i> , 2016, 6, 29144.	3.3	16
34	Using ZooMS to identify fragmentary bone from the Late Middle/Early Upper Palaeolithic sequence of Les Cottés, France. <i>Journal of Archaeological Science</i> , 2015, 54, 279-286.	2.4	93
35	Ancient proteins resolve the evolutionary history of Darwin's South American ungulates. <i>Nature</i> , 2015, 522, 81-84.	27.8	273
36	Analysis of coprolites from the extinct mountain goat <i>Myotragus balearicus</i> . <i>Quaternary Research</i> , 2014, 81, 106-116.	1.7	34

#	ARTICLE	IF	CITATIONS
37	A late middle pleistocene Denisovan mandible from the Tibetan Plateau. Yearbook of Paediatric Endocrinology, 0, , .	0.0	1