

Protein sequences bound to mineral surfaces persist into the

ELife

5,

DOI: [10.7554/elife.17092](https://doi.org/10.7554/elife.17092)

Citation Report

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Lessons from Star Carr on the vulnerability of organic archaeological remains to environmental change. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12957-12962.  | 3.3 | 16        |
| 2  | Expansion for the <i>Brachylophosaurus canadensis</i> Collagen I Sequence and Additional Evidence of the Preservation of Cretaceous Protein. Journal of Proteome Research, 2017, 16, 920-932.  | 1.8 | 80        |
| 3  | Migrating microbes: what pathogens can tell us about population movements and human evolution. Annals of Human Biology, 2017, 44, 397-407.   | 0.4 | 22        |
| 4  | A new model for ancient DNA decay based on paleogenomic meta-analysis. Nucleic Acids Research, 2017, 45, 6310-6320.  | 6.5 | 168       |
| 5  | Starch contamination landscapes in field archaeology: Olduvai Gorge, Tanzania. Boreas, 2017, 46, 918-934.  | 1.2 | 45        |
| 6  | Synthesis of inorganic and organic crystals mediated by proteins in different biological organisms. A mechanism of biomineralization conserved throughout evolution in all living species. Progress in Crystal Growth and Characterization of Materials, 2017, 63, 94-103. | 1.8 | 17        |
| 7  | Proteomic profiling of archaeological human bone. Royal Society Open Science, 2017, 4, 161004.   | 1.1 | 76        |
| 8  | Resurrecting the Dead (Molecules). Computational and Structural Biotechnology Journal, 2017, 15, 351-358.  | 1.9 | 4         |
| 9  | The identification of archaeological eggshell using peptide markers. Science and Technology of Archaeological Research, 2017, 3, 89-99.  | 2.4 | 23        |
| 10 | On Mineral Retrosynthesis of a Complex Biogenic Scaffold. Inorganics, 2017, 5, 16.   | 1.2 | 10        |
| 11 | Novel Substrates as Sources of Ancient DNA: Prospects and Hurdles. Genes, 2017, 8, 180.  | 1.0 | 44        |
| 12 | Understanding biomineralization in the fossil record. Earth-Science Reviews, 2018, 179, 95-122.  | 4.0 | 41        |
| 13 | A Comparison of Common Mass Spectrometry Approaches for Paleoproteomics. Journal of Proteome Research, 2018, 17, 936-945.  | 1.8 | 47        |
| 14 | 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        |
| 15 | Ancient Biomolecules and Evolutionary Inference. Annual Review of Biochemistry, 2018, 87, 1029-1060.   | 5.0 | 76        |
| 16 | Protein diagenesis in archaeological gastropod shells and the suitability of this material for amino acid racemisation dating: <i>Phorcus lineatus</i> (da Costa, 1778). Quaternary Geochronology, 2018, 46, 16-27.  | 0.6 | 17        |
| 17 | A guide to ancient protein studies. Nature Ecology and Evolution, 2018, 2, 791-799.  | 3.4 | 163       |
| 18 | Ancient Epigenomics. Population Genomics, 2018, , 75-111.  | 0.2 | 11        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Multi-method Analysis of Avian Eggs as Grave Goods: Revealing Symbolism in Conversion Period Burials at Kukruse, NE Estonia. <i>Environmental Archaeology</i> , 2018, 23, 109-122.  | 0.6  | 12        |
| 20 | Fossilization transforms vertebrate hard tissue proteins into N-heterocyclic polymers. <i>Nature Communications</i> , 2018, 9, 4741.  | 5.8  | 86        |
| 21 | Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018, 9, 4744.  | 5.8  | 63        |
| 22 | Paleoproteomics: An Introduction to the Analysis of Ancient Proteins by Soft Ionisation Mass Spectrometry. <i>Population Genomics</i> , 2018, , 31-52.  | 0.2  | 10        |
| 23 | Ancient proteins from ceramic vessels at <i>Atlatlh</i> West reveal the hidden cuisine of early farmers. <i>Nature Communications</i> , 2018, 9, 4064.  | 5.8  | 105       |
| 24 | Skeletal Organic Matrices in Molluscs: Origin, Evolution, Diagenesis. , 2018, , 325-332.  |      | 8         |
| 25 | Identification of degraded bone and tooth splinters from arid environments using palaeoproteomics. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 472-482.   | 1.0  | 14        |
| 26 | Preservation of feather fibers from the Late Cretaceous dinosaur <i>Shuvuuia deserti</i> raises concern about immunohistochemical analyses on fossils. <i>Organic Geochemistry</i> , 2018, 125, 142-151.  | 0.9  | 30        |
| 27 | Species identification using ZooMS, with reference to the exploitation of animal resources in the medieval town of Odense. <i>Danish Journal of Archaeology</i> , 2018, 7, 139-153.   | 0.7  | 25        |
| 28 | Proteomic evidence of dietary sources in ancient dental calculus. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180977.   | 1.2  | 97        |
| 29 | Palaeoproteomics for human evolution studies. <i>Quaternary Science Reviews</i> , 2018, 190, 137-147.   | 1.4  | 42        |
| 30 | Calcium Carbonate Crystal Shapes Mediated by Intramineral Proteins from Eggshells of Ratite Birds and Crocodiles. Implications to the Eggshell's Formation of a Dinosaur of 70 Million Years Old. <i>Crystal Growth and Design</i> , 2018, 18, 5663-5673. | 1.4  | 6         |
| 31 | Protein diagenesis in archaeological shells of <i>Littorina littorea</i> (Linnaeus, 1758) and the suitability of this material for amino acid racemisation dating. <i>Quaternary Geochronology</i> , 2019, 54, 101017.                                    | 0.6  | 3         |
| 32 | Preserved collagen reveals species identity in archaeological marine turtle bones from Caribbean and Florida sites. <i>Royal Society Open Science</i> , 2019, 6, 191137.  | 1.1  | 34        |
| 33 | Palaeoproteomic identification of breast milk protein residues from the archaeological skeletal remains of a neonatal dog. <i>Scientific Reports</i> , 2019, 9, 12841.  | 1.6  | 11        |
| 34 | Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019, 574, 103-107.  | 13.7 | 135       |
| 35 | Move over, DNA: ancient proteins are starting to reveal humanity's history. <i>Nature</i> , 2019, 570, 433-436.   | 13.7 | 9         |
| 36 | Enamel peptides reveal the sex of the Late Antique <i>Lovers of Modena</i> . <i>Scientific Reports</i> , 2019, 9, 13130.  | 1.6  | 37        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Birds of prey and humans in prehistoric Europe: A view from El Mirón Cave, Cantabria (Spain). <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 244-252.   | 0.2  | 8         |
| 38 | Paleoproteomics of Mesozoic Dinosaurs and Other Mesozoic Fossils. <i>Proteomics</i> , 2019, 19, e1800251.  | 1.3  | 28        |
| 39 | Palaeoproteomics resolves sloth relationships. <i>Nature Ecology and Evolution</i> , 2019, 3, 1121-1130.   | 3.4  | 91        |
| 40 | Ancient amino acids from fossil feathers in amber. <i>Scientific Reports</i> , 2019, 9, 6420.  | 1.6  | 25        |
| 41 | Palaeoproteomics of bird bones for taxonomic classification. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 650-665.  | 1.0  | 15        |
| 42 | Composition and structural features of two Permian parareptile ( <i>Deltavjatia vjatkensis</i> , Kotelnich) Tj ETQq1 1 0.784314 rgBT /Overl...<br>Palaeoclimatology, Palaeoecology, 2019, 526, 28-42.  | 1.0  | 10        |
| 43 | Ionisation bias undermines the use of matrix-assisted laser desorption/ionisation for estimating peptide deamidation: Synthetic peptide studies demonstrate electrospray ionisation gives more reliable response ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1049-1057. | 0.7  | 9         |
| 45 | Enamel proteome shows that <i>Gigantopithecus</i> was an early diverging pongine. <i>Nature</i> , 2019, 576, 262-265.  | 13.7 | 82        |
| 46 | Association between protein profile and postmortem interval in human bone remains. <i>Journal of Proteomics</i> , 2019, 192, 54-63.  | 1.2  | 51        |
| 47 | Sex estimation using sexually dimorphic amelogenin protein fragments in human enamel. <i>Journal of Archaeological Science</i> , 2019, 101, 169-180.   | 1.2  | 53        |
| 48 | Analysis of the Preserved Amino Acid Bias in Peptide Profiles of Iron Age Teeth from a Tropical Environment Enable Sexing of Individuals Using Amelogenin MRM. <i>Proteomics</i> , 2019, 19, e1800341.   | 1.3  | 24        |
| 49 | Protein aggregate formation permits millennium-old brain preservation. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190775.   | 1.5  | 11        |
| 50 | Raman Spectroscopy Detects Amorphous Carbon in an Enigmatic Egg From the Upper Cretaceous Wido Volcanics of South Korea. <i>Frontiers in Earth Science</i> , 2020, 7, .  | 0.8  | 15        |
| 51 | Sex-related morbidity and mortality in non-adult individuals from the Early Medieval site of Valdaro (Italy): the contribution of dental enamel peptide analysis. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102625.  | 0.2  | 3         |
| 52 | A comparison of proteomic, genomic, and osteological methods of archaeological sex estimation. <i>Scientific Reports</i> , 2020, 10, 11897.  | 1.6  | 40        |
| 53 | Phylogenetic and physiological signals in metazoan fossil biomolecules. <i>Science Advances</i> , 2020, 6, eaba6883.   | 4.7  | 31        |
| 54 | Multi-protease analysis of Pleistocene bone proteomes. <i>Journal of Proteomics</i> , 2020, 228, 103889.   | 1.2  | 18        |
| 55 | The role of birds at <i>Atlatlhayuk</i> revealed by the analysis of eggshell. <i>Quaternary International</i> , 2020, 543, 50-60.  | 0.7  | 10        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 56 | Mollusc shellomes: Past, present and future. <i>Journal of Structural Biology</i> , 2020, 212, 107583.   | 1.3  | 45        |
| 57 | Shell palaeoproteomics: First application of peptide mass fingerprinting for the rapid identification of mollusc shells in archaeology. <i>Journal of Proteomics</i> , 2020, 227, 103920.                                      | 1.2  | 20        |
| 58 | Palaeoproteomic analysis of Pleistocene cave hyenas from east Asia. <i>Scientific Reports</i> , 2020, 10, 16674.   | 1.6  | 4         |
| 59 | Multi-omic detection of <i>Mycobacterium leprae</i> in archaeological human dental calculus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190584.                              | 1.8  | 31        |
| 60 | The soil in our microbial DNA informs about environmental interfaces across host and subsistence modalities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190577.              | 1.8  | 4         |
| 61 | Palaeoproteomics gives new insight into early southern African pastoralism. <i>Scientific Reports</i> , 2020, 10, 14427.   | 1.6  | 17        |
| 62 | First sequencing of ancient coral skeletal proteins. <i>Scientific Reports</i> , 2020, 10, 19407.  | 1.6  | 9         |
| 63 | Non-destructive ZooMS identification reveals strategic bone tool raw material selection by Neandertals. <i>Scientific Reports</i> , 2020, 10, 7746.  | 1.6  | 34        |
| 64 | Never boring: Non-invasive palaeoproteomics of mummified human skin. <i>Journal of Archaeological Science</i> , 2020, 119, 105145.   | 1.2  | 10        |
| 65 | Reconstructing Vertebrate Paleocolor. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 345-375.  | 4.6  | 15        |
| 66 | Mimicking the effects of anthropogenic heating on amino acid racemisation dating of gastropod shells. <i>Quaternary Geochronology</i> , 2020, 59, 101084.  | 0.6  | 0         |
| 67 | The dental proteome of <i>Homo antecessor</i> . <i>Nature</i> , 2020, 580, 235-238.  | 13.7 | 100       |
| 68 | Tooth Enamel and Its Dynamic Protein Matrix. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4458.  | 1.8  | 37        |
| 69 | Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , 2020, 15, e0235146.   | 1.1  | 34        |
| 70 | Carbon, nitrogen, and oxygen isotopes of ostrich eggshells provide site-scale Pleistocene-Holocene paleoenvironmental records for eastern African archaeological sites. <i>Quaternary Science Reviews</i> , 2020, 230, 106142. | 1.4  | 10        |
| 71 | The shell matrix of the european thorny oyster, <i>Spondylus gaederopus</i> : microstructural and molecular characterization. <i>Journal of Structural Biology</i> , 2020, 211, 107497.  | 1.3  | 9         |
| 72 | A unified protocol for simultaneous extraction of DNA and proteins from archaeological dental calculus. <i>Journal of Archaeological Science</i> , 2020, 118, 105135.  | 1.2  | 23        |
| 73 | Assessment of different screening methods for selecting palaeontological bone samples for peptide sequencing. <i>Journal of Proteomics</i> , 2021, 230, 103986.  | 1.2  | 3         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 74 | Protein sequence comparison of human and non-human primate tooth proteomes. <i>Journal of Proteomics</i> , 2021, 231, 104045.   | 1.2  | 2         |
| 75 | Testing the efficacy and comparability of ZooMS protocols on archaeological bone. <i>Journal of Proteomics</i> , 2021, 233, 104078.   | 1.2  | 14        |
| 76 | Advancing and refining archaeological dental calculus research using multiomic frameworks. <i>Science and Technology of Archaeological Research</i> , 2021, 7, 13-30.   | 2.4  | 10        |
| 77 | Ancient protein analysis in archaeology. <i>Science Advances</i> , 2021, 7, .   | 4.7  | 52        |
| 78 | Paleoproteomic profiling of organic residues on prehistoric pottery from Malta. <i>Amino Acids</i> , 2021, 53, 295-312.   | 1.2  | 18        |
| 79 | Million-year-old mammoth genomes shatter record for oldest ancient DNA. <i>Nature</i> , 2021, 590, 537-538.   | 13.7 | 8         |
| 80 | Girding the loins? Direct evidence of the use of a medieval English parchment birthing girdle from biomolecular analysis. <i>Royal Society Open Science</i> , 2021, 8, 202055.  | 1.1  | 11        |
| 81 | Palaeoproteomics confirm earliest domesticated sheep in southern Africa ca. 2000 BP. <i>Scientific Reports</i> , 2021, 11, 6631.  | 1.6  | 28        |
| 82 | Assessing the degradation of ancient milk proteins through site-specific deamidation patterns. <i>Scientific Reports</i> , 2021, 11, 7795.  | 1.6  | 22        |
| 83 | Faecal proteomics as a novel method to study mammalian behaviour and physiology. <i>Molecular Ecology Resources</i> , 2021, 21, 1808-1819.  | 2.2  | 7         |
| 84 | Evolution of the Avian Eggshell Biomineralization Protein Toolkit – New Insights From Multi-Omics. <i>Frontiers in Genetics</i> , 2021, 12, 672433.   | 1.1  | 15        |
| 85 | The elusive parasite: comparing macroscopic, immunological, and genomic approaches to identifying malaria in human skeletal remains from Sayala, Egypt (third to sixth centuries AD). <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 115. | 0.7  | 11        |
| 86 | Exceptionally preserved extracellular bone matrix proteins from the late Neogene proboscidean <i>Anancus</i> (Mammalia: Proboscidea). <i>Palaontologische Zeitschrift</i> , 2021, 95, 757-765.  | 0.8  | 1         |
| 87 | Fossil eggshells of amniotes as a paleothermometry tool. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 110376.  | 1.0  | 12        |
| 88 | Contributions of anatomy to forensic sex estimation: focus on head and neck bones. <i>Forensic Sciences Research</i> , 2022, 7, 11-23.  | 0.9  | 12        |
| 89 | Discovery of proteinaceous moieties in Late Cretaceous dinosaur eggshell. <i>Palaeontology</i> , 2021, 64, 585-595.   | 1.0  | 8         |
| 90 | Forced Biomineralization: A Review. <i>Biomimetics</i> , 2021, 6, 46.   | 1.5  | 37        |
| 91 | Trends in deamidation across archaeological bones, ceramics and dental calculus. <i>Methods</i> , 2021, , .   | 1.9  | 5         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 92  | Phylogenetic analyses of ray-finned fishes (Actinopterygii) using collagen type I protein sequences. Royal Society Open Science, 2021, 8, 201955.   | 1.1 | 8         |
| 93  | A Genetic Perspective on Cetacean Evolution. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 131-151.   | 3.8 | 8         |
| 94  | The degradation of intracrystalline mollusc shell proteins: A proteomics study of Spondylus gaederopus. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140718.        | 1.1 | 2         |
| 95  | Time-Integrative Multibiomarker Detection in Triassic–Jurassic Rocks from the Atacama Desert: Relevance to the Search for Basic Life Beyond Earth. Astrobiology, 2021, 21, 1421-1437.       | 1.5 | 9         |
| 96  | Forensic proteomics. Forensic Science International: Genetics, 2021, 54, 102529.  | 1.6 | 24        |
| 97  | Sex estimation of teeth at different developmental stages using dimorphic enamel peptide analysis. American Journal of Physical Anthropology, 2021, 174, 859-869.                           | 2.1 | 25        |
| 98  | Grape Archaeology and Ancient DNA Sequencing. Compendium of Plant Genomes, 2019, , 57-75.   | 0.3 | 3         |
| 99  | Biopolymers and Macromolecules. Encyclopedia of Earth Sciences Series, 2017, , 1-5.   | 0.1 | 2         |
| 103 | Exaggerated expectations in ancient starch research and the need for new taphonomic and authenticity criteria. Facets, 2018, 3, 777-798.  | 1.1 | 54        |
| 104 | Hens, Health and Husbandry: Integrated Approaches to Past Poultry-keeping in England. Open Quaternary, 2017, 3, .   | 0.5 | 3         |
| 105 | Proteins from the past. ELife, 2016, 5, .   | 2.8 | 6         |
| 106 | 'Palaeoshellomics'™ reveals the use of freshwater mother-of-pearl in prehistory. ELife, 2019, 8, .  | 2.8 | 29        |
| 107 | Cretaceous dinosaur bone contains recent organic material and provides an environment conducive to microbial communities. ELife, 2019, 8, .   | 2.8 | 38        |
| 108 | Middle Pleistocene protein sequences from the rhinoceros genus <i>Stephanorhinus</i> and the phylogeny of extant and extinct Middle/Late Pleistocene Rhinocerotidae. PeerJ, 2017, 5, e3033. | 0.9 | 54        |
| 109 | Species identification of Australian marsupials using collagen fingerprinting. Royal Society Open Science, 2021, 8, 211229.   | 1.1 | 14        |
| 111 | Organic Matter in Fossils. Encyclopedia of Earth Sciences Series, 2018, , 1-5.  | 0.1 | 2         |
| 112 | Biopolymers and Macromolecules. Encyclopedia of Earth Sciences Series, 2018, , 148-153.   | 0.1 | 0         |
| 114 | A new home for microbes. ELife, 2019, 8, .  | 2.8 | 0         |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 115 | Applications of mass spectrometry-based proteomics in archaeology and palaeoanthropology. <i>Anthropological Science</i> , 2020, 128, 1-19.  | 0.2  | 0         |
| 116 | Palaeocolour: A History and State of the Art. <i>Fascinating Life Sciences</i> , 2020, , 185-211.  | 0.5  | 1         |
| 117 | Comparative soft-tissue preservation in Holocene-age capelin concretions. <i>Geobiology</i> , 2022, 20, 377-398.   | 1.1  | 3         |
| 119 | Revisiting proboscidean phylogeny and evolution through total evidence and palaeogenetic analyses including <i>Notiomastodon</i> ancient DNA. <i>IScience</i> , 2022, 25, 103559.  | 1.9  | 13        |
| 121 | Editorial. <i>Journal of Proteomics</i> , 2022, 253, 104460.   | 1.2  | 0         |
| 122 | Proteins Are Well-Preserved in Shells Toasted at 300°C Revealed by Proteomics. <i>Frontiers in Marine Science</i> , 2022, 9, .   | 1.2  | 1         |
| 123 | Leveraging palaeoproteomics to address conservation and restoration agendas. <i>IScience</i> , 2022, 25, 104195.   | 1.9  | 1         |
| 124 | Deep Time Paleoproteomics: Looking Forward. <i>Journal of Proteome Research</i> , 2022, 21, 9-19.  | 1.8  | 12        |
| 130 | A review of the spread and habitat of the genus <i>Homo</i> . <i>Anthropological Science</i> , 2022, , .   | 0.2  | 0         |
| 131 | SPIN enables high throughput species identification of archaeological bone by proteomics. <i>Nature Communications</i> , 2022, 13, 2458.   | 5.8  | 31        |
| 132 | Transcriptomic Responses of Adult Versus Juvenile Atlantids to Ocean Acidification. <i>Frontiers in Marine Science</i> , 2022, 9, .  | 1.2  | 2         |
| 133 | Ancient proteins resolve controversy over the identity of <i>Genyornis</i> eggshell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .   | 3.3  | 14        |
| 135 | Extinct species identification from late middle Pleistocene and earlier Upper Pleistocene bone fragments and tools not recognizable from their osteomorphological study by an enhanced proteomics protocol. <i>Archaeometry</i> , 2023, 65, 196-212. | 0.6  | 6         |
| 136 | Conformational analysis and water dynamics: a molecular dynamics study on the survival of a $\beta$ -lactoglobulin peptide in the archaeological record. <i>Chemical Physics</i> , 2022, 561, 111602.  | 0.9  | 2         |
| 137 | Comprehensive Metabolic and Taxonomic Reconstruction of an Ancient Microbial Mat From the McMurdo Ice Shelf (Antarctica) by Integrating Genetic, Metaproteomic and Lipid Biomarker Analyses. <i>Frontiers in Microbiology</i> , 0, 13, .             | 1.5  | 7         |
| 138 | Paleoproteomics. <i>Chemical Reviews</i> , 2022, 122, 13401-13446.   | 23.0 | 42        |
| 140 | An evaluation of the effect of hydrofluoric acid (HF) treatment on keratins. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2023, 340, 377-384.  | 0.6  | 0         |
| 141 | Atomic Details of Biomineralization Proteins Inspiring Protein Design and Reengineering for Functional Biominerals. <i>Chemistry</i> , 2022, 4, 827-847.   | 0.9  | 2         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 142 | Dating the Paleolithic: Trapped charge methods and amino acid geochronology. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .          | 3.3 | 6         |
| 143 | Structure and Chemical Composition of ca. 10-Million-Year-Old (Late Miocene of Western Amazon) and Present-Day Teeth of Related Species. Biology, 2022, 11, 1636.                   | 1.3 | 2         |
| 144 | Paleoproteomics. , 2024, , 1048-1057.   |     | 0         |
| 145 | Survival of mineral-bound peptides into the Miocene. ELife, 0, 11, .  | 2.8 | 6         |
| 146 | Biomolecular histology as a novel proxy for ancient <scp>DNA</scp> and protein sequence preservation. Ecology and Evolution, 2022, 12, .  | 0.8 | 2         |
| 147 | Taphonomic and diagenetic implications of reduction spot formation in Cretaceous red beds from the Jialai Basin, Eastern China. Journal of Asian Earth Sciences, 2023, 243, 105533. | 1.0 | 2         |
| 148 | A chemical framework for the preservation of fossil vertebrate cells and soft tissues. Earth-Science Reviews, 2023, 240, 104367.  | 4.0 | 2         |
| 149 | Shell proteins and microstructural analysis identify the origin of shell arts with species resolution in pearl oysters. Journal of Archaeological Science, 2023, 151, 105729.       | 1.2 | 1         |
| 152 | Molecular exploration of fossil eggshell uncovers hidden lineage of giant extinct bird. Nature Communications, 2023, 14, .  | 5.8 | 2         |
| 153 | First paleoproteome study of fossil fish otoliths and the pristine preservation of the biomineral crystal host. Scientific Reports, 2023, 13, .                                     | 1.6 | 2         |
| 154 | Paleontology in the 21st Century. Biology, 2023, 12, 487.   | 1.3 | 1         |