

Jesper Olsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4523971/publications.pdf>

Version: 2024-02-01

248
papers

19,330
citations

31976

53
h-index

14759

127
g-index

259
all docs

259
docs citations

259
times ranked

24471
citing authors

#	ARTICLE	IF	CITATIONS
1	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
2	Randomised study of screening for colorectal cancer with faecal-occult-blood test. Lancet, The, 1996, 348, 1467-1471.	13.7	2,327
3	Marine20â€“The Marine Radiocarbon Age Calibration Curve (0â€“55,000 cal BP). Radiocarbon, 2020, 62, 779-820.	1.8	827
4	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. Nature, 2013, 499, 74-78.	27.8	717
5	A synchronized dating of three Greenland ice cores throughout the Holocene. Journal of Geophysical Research, 2006, 111, .	3.3	499
6	Status of Large-scale Analysis of Post-translational Modifications by Mass Spectrometry. Molecular and Cellular Proteomics, 2013, 12, 3444-3452.	3.8	491
7	Pathogens and host immunity in the ancient human oral cavity. Nature Genetics, 2014, 46, 336-344.	21.4	482
8	An Optimized Shotgun Strategy for the Rapid Generation of Comprehensive Human Proteomes. Cell Systems, 2017, 4, 587-599.e4.	6.2	413
9	Variability of the North Atlantic Oscillation over the past 5,200 years. Nature Geoscience, 2012, 5, 808-812.	12.9	394
10	UbiSite approach for comprehensive mapping of lysine and N-terminal ubiquitination sites. Nature Structural and Molecular Biology, 2018, 25, 631-640.	8.2	341
11	Eye lens radiocarbon reveals centuries of longevity in the Greenland shark (<i>Somniosus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	12.6	283
12	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
13	Ancient proteins resolve the evolutionary history of Darwinâ€™s South American ungulates. Nature, 2015, 522, 81-84.	27.8	273
14	A Novel LC System Embeds Analytes in Pre-formed Gradients for Rapid, Ultra-robust Proteomics. Molecular and Cellular Proteomics, 2018, 17, 2284-2296.	3.8	270
15	The genetic prehistory of the New World Arctic. Science, 2014, 345, 1255832.	12.6	264
16	Rapid and site-specific deep phosphoproteome profiling by data-independent acquisition without the need for spectral libraries. Nature Communications, 2020, 11, 787.	12.8	251
17	Coastâ€“inland mobility and diet in the Danish Mesolithic and Neolithic: evidence from stable isotope values of humans and dogs. Journal of Archaeological Science, 2007, 34, 2125-2150.	2.4	246
18	A Conserved Motif Provides Binding Specificity to the PP2A-B56 Phosphatase. Molecular Cell, 2016, 63, 686-695.	9.7	235

#	ARTICLE	IF	CITATIONS
19	Benchmarking common quantification strategies for large-scale phosphoproteomics. <i>Nature Communications</i> , 2018, 9, 1045.	12.8	232
20	Protein sequences bound to mineral surfaces persist into deep time. <i>ELife</i> , 2016, 5, .	6.0	176
21	A 10,000-Year Record of Arctic Ocean Sea-Ice Variability—View from the Beach. <i>Science</i> , 2011, 333, 747-750.	12.6	162
22	Uncovering SUMOylation Dynamics during Cell-Cycle Progression Reveals FoxM1 as a Key Mitotic SUMO Target Protein. <i>Molecular Cell</i> , 2014, 53, 1053-1066.	9.7	153
23	Unraveling ancestry, kinship, and violence in a Late Neolithic mass grave. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10705-10710.	7.1	119
24	SUMO-2 Orchestrates Chromatin Modifiers in Response to DNA Damage. <i>Cell Reports</i> , 2015, 10, 1778-1791.	6.4	117
25	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
26	Basal ice microbiology at the margin of the Greenland ice sheet. <i>Annals of Glaciology</i> , 2010, 51, 71-79.	1.4	112
27	Evidence for external forcing of the Atlantic Multidecadal Oscillation since termination of the Little Ice Age. <i>Nature Communications</i> , 2014, 5, 3323.	12.8	111
28	Ubiquitin-SUMO Circuitry Controls Activated Fanconi Anemia ID Complex Dosage in Response to DNA Damage. <i>Molecular Cell</i> , 2015, 57, 150-164.	9.7	106
29	Ancient proteins from ceramic vessels at Neolithic West reveal the hidden cuisine of early farmers. <i>Nature Communications</i> , 2018, 9, 4064.	12.8	105
30	Characterisation and blind testing of radiocarbon dating of cremated bone. <i>Journal of Archaeological Science</i> , 2008, 35, 791-800.	2.4	102
31	A comparative study of ancient environmental DNA to pollen and microfossils from lake sediments reveals taxonomic overlap and additional plant taxa. <i>Quaternary Science Reviews</i> , 2013, 75, 161-168.	3.0	99
32	Multilayered proteomics reveals molecular switches dictating ligand-dependent EGFR trafficking. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 608-618.	8.2	98
33	Analytic framework for peptidomics applied to large-scale neuropeptide identification. <i>Nature Communications</i> , 2016, 7, 11436.	12.8	92
34	Lake sediment multi-taxon DNA from North Greenland records early post-glacial appearance of vascular plants and accurately tracks environmental changes. <i>Quaternary Science Reviews</i> , 2015, 117, 152-163.	3.0	88
35	The human methyltransferase ZCCHC4 catalyses N6-methyladenosine modification of 28S ribosomal RNA. <i>Nucleic Acids Research</i> , 2020, 48, 830-846.	14.5	88
36	Phosphoproteomics of Primary Cells Reveals Druggable Kinase Signatures in Ovarian Cancer. <i>Cell Reports</i> , 2017, 18, 3242-3256.	6.4	81

#	ARTICLE	IF	CITATIONS
37	The dual methyltransferase METTL13 targets N terminus and Lys55 of eEF1A and modulates codon-specific translation rates. <i>Nature Communications</i> , 2018, 9, 3411.	12.8	81
38	Solar forcing of Holocene summer sea-surface temperatures in the northern North Atlantic. <i>Geology</i> , 2015, 43, 203-206.	4.4	80
39	System-wide Analysis of SUMOylation Dynamics in Response to Replication Stress Reveals Novel Small Ubiquitin-like Modified Target Proteins and Acceptor Lysines Relevant for Genome Stability. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1419-1434.	3.8	79
40	The response of the southern Greenland ice sheet to the Holocene thermal maximum. <i>Geology</i> , 2015, 43, 291-294.	4.4	78
41	Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. <i>Molecular Systems Biology</i> , 2021, 17, e9730.	7.2	78
42	Lateglacial vegetation development in Denmark – New evidence based on macrofossils and pollen from Slotseng, a small-scale site in southern Jutland. <i>Quaternary Science Reviews</i> , 2011, 30, 2534-2550.	3.0	76
43	Proteomic profiling of archaeological human bone. <i>Royal Society Open Science</i> , 2017, 4, 161004.	2.4	76
44	Palaeoproteomic Profiling of Conservation Layers on a 14th Century Italian Wall Painting. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7369-7374.	13.8	76
45	Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. <i>Current Biology</i> , 2014, 24, R1035-R1037.	3.9	73
46	Dietary Habits and Freshwater Reservoir Effects in Bones from a Neolithic NE German Cemetery. <i>Radiocarbon</i> , 2010, 52, 635-644.	1.8	72
47	Plasma TIMP-1 and CEA in detection of primary colorectal cancer: a prospective, population based study of 4509 high-risk individuals. <i>Scandinavian Journal of Gastroenterology</i> , 2011, 46, 60-69.	1.5	70
48	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. <i>Nature Methods</i> , 2014, 11, 868-874.	19.0	70
49	Observational evidence for enhanced magnetic activity of superflare stars. <i>Nature Communications</i> , 2016, 7, 11058.	12.8	70
50	“Old wood” effect in radiocarbon dating of prehistoric cremated bones?. <i>Journal of Archaeological Science</i> , 2013, 40, 30-34.	2.4	67
51	Oncogenic Mutations Rewire Signaling Pathways by Switching Protein Recruitment to Phosphotyrosine Sites. <i>Cell</i> , 2019, 179, 543-560.e26.	28.9	65
52	Temporal proteomics of NGF-TrkA signaling identifies an inhibitory role for the E3 ligase Cbl-b in neuroblastoma cell differentiation. <i>Science Signaling</i> , 2015, 8, ra40.	3.6	64
53	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018, 9, 4744.	12.8	63
54	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , 2017, 12, e0178834.	2.5	60

#	ARTICLE	IF	CITATIONS
55	Anal sphincter function after treatment of fissure-in-ano by lateral subcutaneous sphincterotomy versus anal dilatation. <i>International Journal of Colorectal Disease</i> , 1987, 2, 155-157.	2.2	58
56	A comprehensive platform for the analysis of ubiquitin-like protein modifications using in vivo biotinylation. <i>Scientific Reports</i> , 2017, 7, 40756.	3.3	58
57	Instability of the Northeast Greenland Ice Stream over the last 45,000 years. <i>Nature Communications</i> , 2018, 9, 1872.	12.8	58
58	Metaproteomics of saliva identifies human protein markers specific for individuals with periodontitis and dental caries compared to orally healthy controls. <i>PeerJ</i> , 2016, 4, e2433.	2.0	56
59	Proteogenomic Characterization of Patient-Derived Xenografts Highlights the Role of REST in Neuroendocrine Differentiation of Castration-Resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 595-608.	7.0	55
60	The methyltransferase METTL9 mediates pervasive 1-methylhistidine modification in mammalian proteomes. <i>Nature Communications</i> , 2021, 12, 891.	12.8	54
61	Restricted impact of Holocene climate variations on the southern Greenland Ice Sheet. <i>Quaternary Science Reviews</i> , 2011, 30, 3171-3180.	3.0	53
62	Large-Scale Phosphoproteomics Reveals Shp-2 Phosphatase-Dependent Regulators of Pdgf Receptor Signaling. <i>Cell Reports</i> , 2018, 22, 2784-2796.	6.4	51
63	Diagnostic accuracy of optical coherence tomography in actinic keratosis and basal cell carcinoma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 16, 44-49.	2.6	50
64	Multiproxy evidence for terrestrial and aquatic ecosystem responses during the 8.2 ka cold event as recorded at HÅjby SÅ, Denmark. <i>Quaternary Research</i> , 2010, 73, 485-496.	1.7	49
65	Labrador current variability over the last 2000 years. <i>Earth and Planetary Science Letters</i> , 2014, 400, 26-32.	4.4	49
66	Coupling of palaeoceanographic shifts and changes in marine reservoir ages off North Iceland through the last millennium. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 95-108.	2.3	47
67	Serum YKL-40 in Risk Assessment for Colorectal Cancer: A Prospective Study of 4,496 Subjects at Risk of Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 621-626.	2.5	45
68	GIGYF1/2-Driven Cooperation between ZNF598 and TTP in Posttranscriptional Regulation of Inflammatory Signaling. <i>Cell Reports</i> , 2019, 26, 3511-3521.e4.	6.4	44
69	Mass-Spectrometry Based Proteome Comparison of Extracellular Vesicle Isolation Methods: Comparison of ME-kit, Size-Exclusion Chromatography, and High-Speed Centrifugation. <i>Biomedicines</i> , 2020, 8, 246.	3.2	43
70	qcML: An Exchange Format for Quality Control Metrics from Mass Spectrometry Experiments. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1905-1913.	3.8	42
71	Carbon-14 bomb pulse dating shows that tendinopathy is preceded by years of abnormally high collagen turnover. <i>FASEB Journal</i> , 2018, 32, 4763-4775.	0.5	42
72	Hydroclimatic Extremes as Challenges for the Water Management Community: Lessons from Oroville Dam and Hurricane Harvey. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, S9-S14.	3.3	41

#	ARTICLE	IF	CITATIONS
73	Radiocarbon Analysis on the New AARAMS 1MV Tandetron. <i>Radiocarbon</i> , 2017, 59, 905-913.	1.8	40
74	Holocene temporal and spatial variation in the radiocarbon reservoir age of three Danish fjords. <i>Boreas</i> , 2009, 38, 458-470.	2.4	39
75	SPOP promotes transcriptional expression of DNA repair and replication factors to prevent replication stress and genomic instability. <i>Nucleic Acids Research</i> , 2018, 46, 9484-9495.	14.5	39
76	Simple and Reproducible Sample Preparation for Single-Shot Phosphoproteomics with High Sensitivity. <i>Methods in Molecular Biology</i> , 2016, 1355, 251-260.	0.9	39
77	Spatial-proteomics reveals phospho-signaling dynamics at subcellular resolution. <i>Nature Communications</i> , 2021, 12, 7113.	12.8	38
78	Early Holocene large-scale meltwater discharge from Greenland documented by foraminifera and sediment parameters. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 71-81.	2.3	37
79	Grand solar minima and maxima deduced from ^{10}Be and ^{14}C : magnetic dynamo configuration and polarity reversal. <i>Astronomy and Astrophysics</i> , 2015, 577, A20.	5.1	37
80	Strong altitudinal control on the response of local glaciers to Holocene climate change in southwest Greenland. <i>Quaternary Science Reviews</i> , 2017, 168, 69-78.	3.0	37
81	A diatom-based sea-ice reconstruction for the Vaigat Strait (Disko Bugt, West Greenland) over the last 5000yr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 403, 66-79.	2.3	36
82	Offline High pH Reversed-Phase Peptide Fractionation for Deep Phosphoproteome Coverage. <i>Methods in Molecular Biology</i> , 2016, 1355, 179-192.	0.9	36
83	Optical coherence tomography in dermatology. <i>Giornale Italiano Di Dermatologia E Venereologia</i> , 2015, 150, 603-15.	0.8	36
84	Chronology of the Danish Bronze Age Based on ^{14}C Dating of Cremated Bone Remains. <i>Radiocarbon</i> , 2011, 53, 261-275.	1.8	35
85	Disulfide Linkage Characterization of Disulfide Bond-Containing Proteins and Peptides by Reducing Electrochemistry and Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 1585-1592.	6.5	35
86	Plasma tissue inhibitor of metalloproteinases-1 (TIMP-1): A novel biological marker in the detection of primary colorectal cancer. Protocol outlines of the Danish-Australian endoscopy study group on colorectal cancer detection. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 242-248.	1.5	34
87	Limnological controls on stable isotope records of late-Holocene palaeoenvironment change in SW Greenland: a paired lake study. <i>Quaternary Science Reviews</i> , 2013, 66, 85-95.	3.0	34
88	Decadal Climate Information Needs of Stakeholders for Decision Support in Water and Agriculture Production Sectors: A Case Study in the Missouri River Basin. <i>Weather, Climate, and Society</i> , 2013, 5, 27-42.	1.1	34
89	Human METTL18 is a histidine-specific methyltransferase that targets RPL3 and affects ribosome biogenesis and function. <i>Nucleic Acids Research</i> , 2021, 49, 3185-3203.	14.5	34
90	Freshwater Radiocarbon Reservoir Effects at the Burial Ground of Minino, Northwest Russia. <i>Radiocarbon</i> , 2013, 55, 163-177.	1.8	33

#	ARTICLE	IF	CITATIONS
91	Integrated proximal proteomics reveals IRS2 as a determinant of cell survival in ALK-driven neuroblastoma. <i>Science Signaling</i> , 2018, 11, .	3.6	33
92	Memory effect in deuterium analysis by continuous flow isotope ratio measurement. <i>International Journal of Mass Spectrometry</i> , 2006, 254, 44-52.	1.5	32
93	Development of an analytical methodology for the determination of the antiparasitic drug toltrazuril and its two metabolites in surface water, soil and animal manure. <i>Analytica Chimica Acta</i> , 2012, 755, 69-76.	5.4	32
94	Ubiquitin-specific Protease 11 (USP11) Deubiquitinates Hybrid Small Ubiquitin-like Modifier (SUMO)-Ubiquitin Chains to Counteract RING Finger Protein 4 (RNF4). <i>Journal of Biological Chemistry</i> , 2015, 290, 15526-15537.	3.4	32
95	Solar forcing as an important trigger for West Greenland sea-ice variability over the last millennium. <i>Quaternary Science Reviews</i> , 2016, 131, 148-156.	3.0	32
96	The ubiquitin ligase Cullin5SOCS2 regulates NDR1/STK38 stability and NF- κ B transactivation. <i>Scientific Reports</i> , 2017, 7, 42800.	3.3	32
97	Lacustrine evidence of Holocene environmental change from three Faroese lakes: a multiproxy XRF and stable isotope study. <i>Quaternary Science Reviews</i> , 2010, 29, 2764-2780.	3.0	31
98	Resolution of the type material of the Asian elephant, <i>Elephas maximus</i> Linnaeus, 1758 (Proboscidea, Elephantidae). <i>Zoological Journal of the Linnean Society</i> , 2014, 170, 222-232.	2.3	31
99	Cosmic ray event in 994 C.E. recorded in radiocarbon from Danish oak. <i>Geophysical Research Letters</i> , 2017, 44, 8621-8628.	4.0	31
100	GHB analogs confer neuroprotection through specific interaction with the CaMKII β hub domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	31
101	A deeper look at carrier proteome effects for single-cell proteomics. <i>Communications Biology</i> , 2022, 5, 150.	4.4	31
102	Vulnerability of the North Water ecosystem to climate change. <i>Nature Communications</i> , 2021, 12, 4475.	12.8	30
103	High-Arctic climate conditions for the last 7000 years inferred from multiproxy analysis of the Bliss Lake record, North Greenland. <i>Journal of Quaternary Science</i> , 2012, 27, 318-327.	2.1	29
104	Ventilation history of Nordic Seas overflows during the last (de)glacial period revealed by species-specific benthic foraminiferal ^{14}C dates. <i>Paleoceanography</i> , 2017, 32, 172-181.	3.0	28
105	Climate Change and Floodplain Management in the United States. <i>Climatic Change</i> , 2006, 76, 407-426.	3.6	27
106	Freshwater Radiocarbon Reservoir Effects at the Burial Ground of Minino, Northwest Russia. <i>Radiocarbon</i> , 2013, 55, 163-177.	1.8	27
107	Complete Mapping of Complex Disulfide Patterns with Closely-Spaced Cysteines by In-Source Reduction and Data-Dependent Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 5949-5957.	6.5	27
108	Truncated SALL1 Impedes Primary Cilia Function in Townes-Brocks Syndrome. <i>American Journal of Human Genetics</i> , 2018, 102, 249-265.	6.2	27

#	ARTICLE	IF	CITATIONS
109	Improving the reliability of bulk sediment radiocarbon dating. <i>Quaternary Science Reviews</i> , 2020, 242, 106442.	3.0	27
110	Widespread erosion on high plateaus during recent glaciations in Scandinavia. <i>Nature Communications</i> , 2018, 9, 830.	12.8	26
111	Proteomic characterization of chromosomal common fragile site (CFS)-associated proteins uncovers ATRX as a regulator of CFS stability. <i>Nucleic Acids Research</i> , 2019, 47, 8004-8018.	14.5	25
112	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. <i>Nature Communications</i> , 2020, 11, 2006.	12.8	25
113	Paleoceanographical development off Sisimiut, West Greenland, during the mid- and late Holocene: A multiproxy study. <i>Marine Micropaleontology</i> , 2013, 102, 79-97.	1.2	24
114	Early Maglemosian culture in the Preboreal landscape: Archaeology and vegetation from the earliest Mesolithic site in Denmark at Lundby Mose, Sjælland. <i>Quaternary International</i> , 2015, 378, 73-87.	1.5	24
115	Molecular basis of Torsled-Like Kinase 2 activation. <i>Nature Communications</i> , 2018, 9, 2535.	12.8	24
116	Local ice caps in Funderup Land, North Greenland, survived the Holocene Thermal Maximum. <i>Boreas</i> , 2019, 48, 551-562.	2.4	24
117	Dating the Trollesgave site and the Bromme culture – chronological fix-points for the Lateglacial settlement of Southern Scandinavia. <i>Journal of Archaeological Science</i> , 2013, 40, 4663-4674.	2.4	23
118	Quantitative proteome comparison of human hearts with those of model organisms. <i>PLoS Biology</i> , 2021, 19, e3001144.	5.6	23
119	Mid- to late-Holocene climate variability and anthropogenic impacts: multi-proxy evidence from Lake Bliden, Denmark. <i>Journal of Paleolimnology</i> , 2010, 43, 323-343.	1.6	22
120	Analytical Utility of Mass Spectral Binning in Proteomic Experiments by Spectral Immonium Ion Detection (SPIID). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1914-1924.	3.8	22
121	Resolution of the type material of the Asian elephant, <i>Elephas maximus</i> Linnaeus, 1758 (Proboscidea). <i>Tj ETQq1 1 0,784314 rgBT /Ove</i> 2.3 22		
122	The Drangajökull ice cap, northwest Iceland, persisted into the early-mid Holocene. <i>Quaternary Science Reviews</i> , 2016, 148, 68-84.	3.0	22
123	Towards a Holocene tephrochronology for the Faroe Islands, North Atlantic. <i>Quaternary Science Reviews</i> , 2018, 195, 195-214.	3.0	22
124	Alternative Translation Initiation Generates a Functionally Distinct Isoform of the Stress-Activated Protein Kinase MK2. <i>Cell Reports</i> , 2019, 27, 2859-2870.e6.	6.4	22
125	Findings from an in-Depth Annual Tree-Ring Radiocarbon Intercomparison. <i>Radiocarbon</i> , 2020, 62, 873-882.	1.8	22
126	The history of seabird colonies and the North Water ecosystem: Contributions from palaeoecological and archaeological evidence. <i>Ambio</i> , 2018, 47, 175-192.	5.5	21

#	ARTICLE	IF	CITATIONS
127	In vivo measurements of blood vessels'™ distribution in non-melanoma skin cancer by dynamic optical coherence tomography – a new quantitative measure?. <i>Skin Research and Technology</i> , 2018, 24, 123-128.	1.6	21
128	From Phosphosites to Kinases. <i>Methods in Molecular Biology</i> , 2016, 1355, 307-321.	0.9	21
129	Mid- to late-Holocene reservoir-age variability and isotope-based palaeoenvironmental reconstruction in the Limfjord, Denmark. <i>Holocene</i> , 2013, 23, 1017-1027.	1.7	20
130	The new extended HVE 1 MV multi-element AMS system for low background installed at the Aarhus AMS Dating Centre. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 143-148.	1.4	20
131	Holocene ice marginal fluctuations of the Qassimiut lobe in South Greenland. <i>Scientific Reports</i> , 2016, 6, 22362.	3.3	20
132	Evidence of Suess solar-cycle bursts in subtropical Holocene speleothem $\delta^{18}O$ records. <i>Holocene</i> , 2012, 22, 597-602.	1.7	19
133	The shellfish enigma across the Mesolithic-Neolithic transition in southern Scandinavia. <i>Quaternary Science Reviews</i> , 2016, 151, 315-320.	3.0	19
134	Contrasting evidence of Holocene ice margin retreat, south-western Greenland. <i>Journal of Quaternary Science</i> , 2017, 32, 604-616.	2.1	19
135	A field guide to mortar sampling for radiocarbon dating*. <i>Archaeometry</i> , 2021, 63, 1121-1140.	1.3	19
136	Comprehensive Identification of SUMO2/3 Targets and Their Dynamics during Mitosis. <i>PLoS ONE</i> , 2014, 9, e100692.	2.5	19
137	The composition of Mesolithic food. <i>Acta Archaeologica</i> , 2007, 78, 163-180.	0.3	18
138	Geochemistry of groundwater in front of a warm-based glacier in southeast Greenland. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2013, 95, 97-108.	1.5	18
139	Proteomics insights into DNA damage response and translating this knowledge to clinical strategies. <i>Proteomics</i> , 2017, 17, 1600018.	2.2	18
140	Relative Sea-Level Changes and Ice Sheet History in Finderup Land, North Greenland. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	18
141	Direct evidence of a large Northern European Roman period martial event and postbattle corpse manipulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5920-5925.	7.1	18
142	Effective Representation and Storage of Mass Spectrometry-Based Proteomic Data Sets for the Scientific Community. <i>Science Signaling</i> , 2011, 4, pe7.	3.6	17
143	Environmental change in the Limfjord, Denmark (ca 7500–1500 cal yrs BP): a multiproxy study. <i>Quaternary Science Reviews</i> , 2013, 78, 126-140.	3.0	17
144	Ctk1 Function Is Necessary for Full Translation Initiation Activity in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2015, 14, 86-95.	3.4	17

#	ARTICLE	IF	CITATIONS
145	Combinatorial Drug Screening Identifies Ewing Sarcoma-specific Sensitivities. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 88-101.	4.1	17
146	Circumstantial evidence of non-pollen palynomorph palaeoecology: a 5,500-year NPP record from forest hollow sediments compared to pollen and macrofossil inferred palaeoenvironments. <i>Vegetation History and Archaeobotany</i> , 2019, 28, 105-121.	2.1	17
147	An integrated analysis of Maglemose bone points reframes the Early Mesolithic of Southern Scandinavia. <i>Scientific Reports</i> , 2020, 10, 17244.	3.3	16
148	A New Annual ^{14}C Dataset for Calibrating the Thera Eruption. <i>Radiocarbon</i> , 2020, 62, 953-961.	1.8	16
149	Quantitative phosphoproteomics to unravel the cellular response to chemical stressors with different modes of action. <i>Archives of Toxicology</i> , 2020, 94, 1655-1671.	4.2	16
150	KITD816V Induces SRC-Mediated Tyrosine Phosphorylation of MITF and Altered Transcription Program in Melanoma. <i>Molecular Cancer Research</i> , 2017, 15, 1265-1274.	3.4	15
151	Cylindromatosis Tumor Suppressor Protein (CYLD) Deubiquitinase is Necessary for Proper Ubiquitination and Degradation of the Epidermal Growth Factor Receptor. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1433-1446.	3.8	15
152	Pleistocene Evolution of a Scandinavian Plateau Landscape. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 3370-3387.	2.8	15
153	Generic Workflow for Mapping of Complex Disulfide Bonds Using In-Source Reduction and Extracted Ion Chromatograms from Data-Dependent Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 8202-8210.	6.5	15
154	Glacial history of the Greenland Ice Sheet and a local ice cap in Qaanaaq, northwest Greenland. <i>Journal of Quaternary Science</i> , 2019, 34, 536-547.	2.1	15
155	Southwest Greenland shelf glaciation during MIS 4 more extensive than during the Last Glacial Maximum. <i>Scientific Reports</i> , 2019, 9, 15617.	3.3	15
156	Multi-phased deglaciation of south and southeast Greenland controlled by climate and topographic setting. <i>Quaternary Science Reviews</i> , 2020, 242, 106454.	3.0	15
157	Systems Analysis for Interpretation of Phosphoproteomics Data. <i>Methods in Molecular Biology</i> , 2016, 1355, 341-360.	0.9	15
158	Single-year radiocarbon dating anchors Viking Age trade cycles in time. <i>Nature</i> , 2022, 601, 392-396.	27.8	15
159	Modeling the Relationship Between Neutron Counting Rates and Sunspot Numbers Using the Hysteresis Effect. <i>Solar Physics</i> , 2014, 289, 1387-1402.	2.5	14
160	Extension of the HVE 1MV multi-element AMS system for low background. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 331, 204-208.	1.4	14
161	The lost sunspot cycle: New support from ^{10}Be measurements. <i>Astronomy and Astrophysics</i> , 2015, 575, A77.	5.1	14
162	What Is the Carbon Origin of Early-Wood?. <i>Radiocarbon</i> , 2018, 60, 1457-1464.	1.8	14

#	ARTICLE	IF	CITATIONS
163	Variations in Solar Activity Across the Sp�rger Minimum Based on Radiocarbon in Danish Oak. <i>Geophysical Research Letters</i> , 2019, 46, 8617-8623.	4.0	14
164	Delayed Hardening and Reactivation of Binder Calcite, Common Problems in Radiocarbon Dating of Lime Mortars. <i>Radiocarbon</i> , 2020, 62, 565-577.	1.8	14
165	Radiocarbon Dating in Estuarine Environments. <i>Developments in Paleoenvironmental Research</i> , 2017, , 141-170.	8.0	14
166	Constraints from cosmogenic nuclides on the glaciation and erosion history of Dove Bugt, northeast Greenland. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2282-2294.	3.3	13
167	Younger Dryas ice margin retreat in Greenland: new evidence from southwestern Greenland. <i>Climate of the Past</i> , 2021, 17, 587-601.	3.4	13
168	A diatom-based reconstruction of summer sea-surface salinity in the Southern Okinawa Trough, East China Sea, over the last millennium. <i>Journal of Quaternary Science</i> , 2012, 27, 771-779.	2.1	12
169	Climate-driven changes in water level: a decadal scale multi-proxy study recording the 8.2-ka event and ecosystem responses in Lake Sarup (Denmark). <i>Journal of Paleolimnology</i> , 2013, 49, 267-285.	1.6	12
170	Vegetation development in south-east Denmark during the Weichselian Late Glacial: palaeoenvironmental studies close to the Palaeolithic site of Hassel�. <i>Danish Journal of Archaeology</i> , 2014, 3, 33-51.	0.7	12
171	A diatom record of mid- to late Holocene palaeoenvironmental changes in the southern Okinawa Trough. <i>Journal of Quaternary Science</i> , 2015, 30, 32-43.	2.1	12
172	The Importance of Eolian Input on Lake-Sediment Geochemical Composition in the Dry Proglacial Landscape of Western Greenland. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 93-109.	1.1	12
173	Holocene history of the Helheim Glacier, southeast Greenland. <i>Quaternary Science Reviews</i> , 2018, 193, 145-158.	3.0	12
174	New data on agro-pastoral diets in southern Italy from the Neolithic to the Bronze Age. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	12
175	The presence of thrust-block naled after a major surge event: Kuannersuit Glacier, West Greenland. <i>Annals of Glaciology</i> , 2005, 42, 145-150.	1.4	11
176	Reply to comment by J. S. Denton and N. J. G. Pearce on "A synchronized dating of three Greenland ice cores throughout the Holocene". <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	11
177	Heinrich 0 on the east Canadian margin: Source, distribution, and timing. <i>Paleoceanography</i> , 2015, 30, 1613-1624.	3.0	11
178	No detectable remodelling in adult human menisci: an analysis based on the C ¹⁴ bomb pulse. <i>British Journal of Sports Medicine</i> , 2020, 54, 1433-1437.	6.7	11
179	Diet and Radiocarbon Dating of Tollund Man: New Analyses of an Iron Age Bog Body from Denmark. <i>Radiocarbon</i> , 2018, 60, 1533-1545.	1.8	11
180	Chemical and isotopic characteristics of a glacier-derived naled in front of Austre Gr�nfjordbreen, Svalbard. <i>Polar Research</i> , 2012, 31, 17628.	1.6	10

#	ARTICLE	IF	CITATIONS
181	Reconstruction of Subdecadal Changes in Sunspot Numbers Based on the NGRIP 10Be Record. <i>Solar Physics</i> , 2014, 289, 4377-4392.	2.5	10
182	Conformation-specific anti-Mad2 monoclonal antibodies for the dissection of checkpoint signaling. <i>MABs</i> , 2016, 8, 689-697.	5.2	10
183	Comparative numerical surface exposure-age dating (¹⁰ Be and Schmidt hammer) of an early-Holocene rock avalanche at Alstadfjellet, Valdalen, southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2019, 101, 293-309.	1.5	10
184	Late Holocene landscape development around a Roman Iron Age mass grave, Alken Enge, Denmark. <i>Vegetation History and Archaeobotany</i> , 2017, 26, 277-292.	2.1	9
185	Interpretation, age and significance of a relict paraglacial and periglacial boulder-dominated landform assemblage in Ålnesdalen, Romsdalsalpane, southern Norway. <i>Geomorphology</i> , 2020, 369, 107362.	2.6	9
186	Topographical evolution and glaciation history of South Greenland constrained by paired ²⁶ Al/ ¹⁰ Be nuclides. <i>Earth and Planetary Science Letters</i> , 2020, 542, 116300.	4.4	9
187	Urban Chronology at a Human Scale on the Coast of East Africa in the 1st Millennium <i>a.d.</i> . <i>Journal of Field Archaeology</i> , 2021, 46, 21-35.	1.3	9
188	Obtaining Complete Human Proteomes. <i>Annual Review of Genomics and Human Genetics</i> , 2022, 23, 99-121.	6.2	9
189	North Atlantic marine radiocarbon reservoir ages through Heinrich event H4: a new method for marine age model construction. <i>Geological Society Special Publication</i> , 2014, 398, 95-112.	1.3	8
190	A 100-year record of changes in water renewal rate in Sermilik fjord and its influence on calving of Helheim glacier, southeast Greenland. <i>Continental Shelf Research</i> , 2014, 85, 21-29.	1.8	8
191	Protein kinase A stimulates Kv7.1 surface expression by regulating Nedd4-2-dependent endocytic trafficking. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C693-C706.	4.6	8
192	On the Current Solar Magnetic Activity in the Light of Its Behaviour During the Holocene. <i>Solar Physics</i> , 2016, 291, 303-315.	2.5	8
193	Increased serological cancer-associated biomarker levels at large bowel endoscopy and risk of subsequent primary cancer ^{â€} . <i>Scandinavian Journal of Gastroenterology</i> , 2016, 51, 860-865.	1.5	8
194	Feasting on Wild Boar in the Early Neolithic. Evidence from an 11,400-year-old Placed Deposit at Tappeh Asiab, Central Zagros. <i>Cambridge Archaeological Journal</i> , 2019, 29, 443-463.	0.9	8
195	Eight New Late Pleistocene/Early Holocene AMS Dates from the Southeastern Baltic. <i>Radiocarbon</i> , 2019, 61, 615-627.	1.8	8
196	Î ¹³ C values of wood and Charcoal Reveal Broad Isotopic ranges at the base of the Food Web. <i>Radiocarbon</i> , 2019, 61, 2003-2017.	1.8	8
197	New Single-Year Radiocarbon Measurements Based on Danish oak Covering the Periods AD 692â€“790 and 966â€“1057. <i>Radiocarbon</i> , 2020, 62, 969-987.	1.8	8
198	Proteomic investigation of Cbl and Cbl-b in neuroblastoma cell differentiation highlights roles for SHP-2 and CDK16. <i>IScience</i> , 2021, 24, 102321.	4.1	8

#	ARTICLE	IF	CITATIONS
199	Ramped pyrooxidation: A new approach for radiocarbon dating of lime mortars. <i>Journal of Archaeological Science</i> , 2021, 129, 105366.	2.4	8
200	The duration of the Bølling-Allerød period (Greenland Interstadial 1) in the GRIP ice core. <i>Annals of Glaciology</i> , 2005, 42, 337-344.	1.4	7
201	Revised age estimate of the Mjølhusåsen tephra A on the Faroe Islands based on Bayesian modelling of 14 C dates from two lake sequences. <i>Journal of Quaternary Science</i> , 2010, 25, 612-616.	2.1	7
202	Blood-based Biomarkers at Large Bowel Endoscopy and Prediction of Future Malignancies. <i>Biomarkers in Cancer</i> , 2015, 7, BIC.S31330.	3.6	7
203	Early Holocene collapse of marine-based ice in northwest Greenland triggered by atmospheric warming. <i>Quaternary Science Reviews</i> , 2020, 239, 106360.	3.0	7
204	Molecular Basis of the Mechanisms Controlling MASTL. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 326-343.	3.8	7
205	A novel approach for microRNA in situ hybridization using locked nucleic acid probes. <i>Scientific Reports</i> , 2021, 11, 4504.	3.3	7
206	COMPARISON OF THERMAL DECOMPOSITION AND SEQUENTIAL DISSOLUTION AND TWO SAMPLE PREPARATION METHODS FOR RADIOCARBON DATING OF LIME MORTARS. <i>Radiocarbon</i> , 2021, 63, 405-427.	1.8	7
207	A continuous ice-core 10 Be record from Mongolian mid-latitudes: Influences of solar variability and local climate. <i>Earth and Planetary Science Letters</i> , 2016, 437, 47-56.	4.4	6
208	Metformin, an Anthropogenic Contaminant of <i>Seidlitzia rosmarinus</i> Collected in a Desert Region near the Gulf of Aqaba, Sinai Peninsula. <i>Journal of Natural Products</i> , 2017, 80, 2830-2834.	3.0	6
209	Contrasting modes of deglaciation between fjords and inter-fjord areas in eastern North Greenland. <i>Boreas</i> , 2020, 49, 903-917.	2.4	6
210	Estimating the Age of West Greenland Humpback Whales Through Aspartic Acid Racemization and Eye Lens Bomb Radiocarbon Methods. <i>Frontiers in Marine Science</i> , 2020, 6, .	2.5	6
211	The biomolecular characterization of a finger ring contextually dated to the emergence of the Early Neolithic from Syltholm, Denmark. <i>Royal Society Open Science</i> , 2020, 7, 191172.	2.4	6
212	Deciphering the human phosphoproteome. <i>Nature Biotechnology</i> , 2020, 38, 285-286.	17.5	6
213	Evidence for influx of Atlantic water masses to the Labrador Sea during the Last Glacial Maximum. <i>Scientific Reports</i> , 2021, 11, 6788.	3.3	6
214	Leprosy in medieval Denmark: Exploring life histories through a multi-tissue and multi-isotopic approach. <i>American Journal of Physical Anthropology</i> , 2021, 176, 36-53.	2.1	6
215	Cosmogenic nuclide inheritance in Little Ice Age moraines - A case study from Greenland. <i>Quaternary Geochronology</i> , 2021, 65, 101200.	1.4	6
216	Regulation of the Golgi Apparatus by p38 and JNK Kinases during Cellular Stress Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9595.	4.1	6

#	ARTICLE	IF	CITATIONS
217	BATCH PROCESSING OF TREE-RING SAMPLES FOR RADIOCARBON ANALYSIS. Radiocarbon, 2021, 63, 77-89.	1.8	6
218	Soil erosion and land-use change during the last six millennia recorded in lake sediments of Gudme SÅ, Fyn, Denmark. Geological Survey of Denmark and Greenland Bulletin, 0, 17, 37-40.	2.0	6
219	From a port for traders to a town of merchants: exploring the topography, activities and dynamics of early medieval Copenhagen. Danish Journal of Archaeology, 2018, 7, 69-116.	0.7	5
220	Holocene sedimentary and environmental development of Aarhus Bay, Denmark – a multi-proxy study. Boreas, 2020, 49, 108-128.	2.4	5
221	Effects of active farnesoid X receptor on GLUTag enteroendocrine L cells. Molecular and Cellular Endocrinology, 2020, 517, 110923.	3.2	5
222	Integrated Dating of the Construction and Restoration of the Modena Cathedral Vaults (Northern) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.8	5
223	THE NEKSELÅ FISH WEIR AND MARINE RESERVOIR EFFECT IN NEOLITHIZATION PERIOD DENMARK. Radiocarbon, 2021, 63, 805-820.	1.8	5
224	A Roman provincial city and its contamination legacy from artisanal and daily-life activities. PLoS ONE, 2021, 16, e0251923.	2.5	5
225	Integrating Continuous-Flow Mass Spectrometry and Automatic CO2 Collection for AMS. Radiocarbon, 2007, 49, 233-244.	1.8	4
226	The Chronology of Medieval Copenhagen. Radiocarbon, 2019, 61, 1675-1683.	1.8	4
227	Holocene sea-ice dynamics in Petermann Fjord in relation to ice tongue stability and Nares Strait ice arch formation. Cryosphere, 2021, 15, 4357-4380.	3.9	4
228	Glacial history of Inglefield Land, north Greenland from combined in situ ^{10}Be and ^{14}C exposure dating. Climate of the Past, 2020, 16, 1999-2015.	3.4	4
229	CHANGES IN SOLAR ACTIVITY DURING THE WOLF MINIMUM – NEW INSIGHTS FROM A HIGH-RESOLUTION ^{14}C RECORD BASED ON DANISH OAK. Radiocarbon, 2021, 63, 91-104.	1.8	4
230	The Chronology of Kilwa Kisiwani, AD 800 – 1500. African Archaeological Review, 2022, 39, 143-166.	1.4	4
231	Comparison of sample preparation procedures for mortar radiocarbon dating. Case study of Irulegi Castle (Navarre, Spain). Quaternary Geochronology, 2020, 60, 101110.	1.4	3
232	Age of black dogfish (<i>Centroscyllium fabricii</i>) estimated from fin spines growth bands and eye lens bomb radiocarbon dating. Polar Biology, 2021, 44, 751-759.	1.2	3
233	AN INTERCOMPARISON PROJECT ON ^{14}C FROM SINGLE-YEAR TREE RINGS. Radiocarbon, 0, , 1-8.	1.8	3
234	Giardia Intestinalis. Scandinavian Journal of Gastroenterology, 1973, 8, 151-154.	1.5	2

#	ARTICLE	IF	CITATIONS
235	PRIME-XS, a European Infrastructure for Proteomics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1901-1904.	3.8	2
236	Dating earthwork fortifications: Integrating five dating methods in Viking-age Ribe, Denmark. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101906.	0.5	2
237	Radiocarbon and U-series age constraints for the Lateglacial rock art of Sicily. <i>Quaternary Science Reviews</i> , 2020, 245, 106524.	3.0	2
238	Collagen Growth Pattern in Human Articular Cartilage of the Knee. <i>Cartilage</i> , 2020, , 194760352097101.	2.7	2
239	A Chronology of Ancient Earthquake Damage in the Modena Cathedral (Italy): Integrated Dating of Mortars (¹⁴ C, Pollen Record) and Bricks (TL). <i>International Journal of Architectural Heritage</i> , 2023, 17, 326-342.	3.1	2
240	Early historical forest clearance caused major degradation of water quality at Lake Vålning, Denmark. <i>Anthropocene</i> , 2021, 35, 100302.	3.3	2
241	Late Glacial and Holocene shore-level changes in the Aarhus Bugt area, Denmark. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 47, .	2.0	2
242	Early Neolithic occupation of the lowlands of south-western Iran: new evidence from Tapeh Mahtaj. <i>Antiquity</i> , 2021, 95, 27-44.	1.0	2
243	An integrated data-analysis and database system for AMS 14C. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 980-984.	1.4	1
244	Building a high-resolution chronology of a medieval urban site through Bayesian modelling*. <i>Archaeometry</i> , 2021, 63, 860-877.	1.3	1
245	Radiocarbon dating of lime plaster from a Roman period cistern in ancient Gerasa, Jerash in Jordan. <i>Journal of Archaeological Science: Reports</i> , 2022, 42, 103373.	0.5	1
246	Effect of Low-Dose Exogenous Secretin and Somatostatin on Pentagastrin-Stimulated Gastric Acid Secretion in Man. <i>Scandinavian Journal of Gastroenterology</i> , 1989, 24, 493-496.	1.5	0
247	Revisiting radiocarbon dating of lime mortar and lime plaster from Jerash in Jordan: Sample preparation by stepwise injection of diluted phosphoric acid. <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103244.	0.5	0
248	Reply to "Marine abundance and its prehistoric past in the Baltic". <i>Nature Communications</i> , 2022, 13, .	12.8	0