Irka Hajdas

List of Publications by Year
in descending order

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237	32,343	34493 54	4853 174
papers	citations	h-index	g-index

258	258	258	25928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Chronology of Ancient Earthquake Damage in the Modena Cathedral (Italy): Integrated Dating of Mortars (¹⁴C, Pollen Record) and Bricks (TL). International Journal of Architectural Heritage, 2023, 17, 326-342.	1.7	2
2	The Rediscovery of Jan Ruyscher and Its Consequence. Journal of the American Institute for Conservation, 2022, 61, 55-63.	0.2	5
3	Environmental changes during the Late-Glacial and Early Holocene at the Gourd des AillÃ¨res mire in the Monts du Forez Mountains (Massif Central, France). Quaternary International, 2022, 636, 9-24.	0.7	5
4	COMPARING ANALYSIS OF PRETREATMENT METHODS OF WOOD AND BONE MATERIALS FOR THE CHRONOLOGY OF PERIPHERAL BURIALS AT TUNNUG 1, TUVA REPUBLIC, RUSSIA. Radiocarbon, 2022, 64, 171-186.	0.8	7
5	The Potentialities of Accelerator-Based Techniques as an analytical Tool for Forensics: the case of Coffee. Forensic Science International, 2022, 335, 111281.	1.3	3
6	The Biogeochemical Legacy of Arctic Subglacial Sediments Exposed by Glacier Retreat. Global Biogeochemical Cycles, 2022, 36, .	1.9	14
7	Neolithic occupations (c. 5200-3400ÂcalBC) at Isolino Virginia (Lake Varese, Italy) and the onset of the pile-dwelling phenomenon around the Alps. Journal of Archaeological Science: Reports, 2022, 42, 103375.	0.2	2
8	THE IAEA FORENSICS PROGRAM: RESULTS OF THE AMS ¹⁴C INTERCOMPARISON EXERCISE ON CONTEMPORARY WINES AND COFFEES. Radiocarbon, 2022, 64, 1513-1524.	0.8	2
9	The potential of radiocarbon analysis for the detection of art forgeries. Forensic Science International, 2022, 335, 111292.	1.3	5
10	Timing and mechanisms of sediment accumulation and pedogenesis: Insights from the Po Plain (northern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 591, 110881.	1.0	2
11	High-resolution calibration of seismically-induced lacustrine deposits with historical earthquake data in the Eastern Alps (Carinthia, Austria). Quaternary Science Reviews, 2022, 284, 107497.	1.4	6
12	Emerging nuclear methods for historical painting authentication: AMS-14C dating, MeV-SIMS and O-PTIR imaging, global IBA, differential-PIXE and full-field PIXE mapping. Forensic Science International, 2022, 336, 111327.	1.3	10
13	Microstratigraphy and palaeoenvironmental implications of a Late Quaternary highâ€altitude lacustrine record in the subtropical Andes. Sedimentology, 2022, 69, 2585-2614.	1.6	3
14	Small Animals, Big Impact? Early Farmers and Pre- and Post-Harvest Pests from the Middle Neolithic Site of Les Bagnoles in the South-East of France (Lâ€™Isle-sur-la-Sorgue, Vaucluse,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 212 Td (Prover	1.0	7
15	NEW APPROACH TO SEPARATE AND DATE SMALL SPORES AND POLLEN FROM LAKE SEDIMENTS IN SEMI-ARID CLIMATES. Radiocarbon, 2022, 64, 1191-1207.	0.8	2
16	A field guide to mortar sampling for radiocarbon dating*. Archaeometry, 2021, 63, 1121-1140.	0.6	19
17	14C INTERCOMPARISON EXERCISE ON BONES AND IVORY SAMPLES: IMPLICATIONS FOR FORENSICS. Radiocarbon, 2021, 63, 533-544.	0.8	6
18	COMPARISON OF THERMAL DECOMPOSITION AND SEQUENTIAL DISSOLUTIONâ€”TWO SAMPLE PREPARATION METHODS FOR RADIOCARBON DATING OF LIME MORTARS. Radiocarbon, 2021, 63, 405-427.	0.8	7

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19	RADIOCARBON DATING OF ST. GEORGEâ€™S ROTUNDA IN NITRIANSKA BLATNICA (SLOVAKIA): INTERNATIONAL CONSORTIUM RESULTS. Radiocarbon, 2021, 63, 953-976.	0.8	5
20	Radiocarbon dating of lead white: novel application in the study of polychrome sculpture. Scientific Reports, 2021, 11, 13210.	1.6	6
21	Combined On-Fault and Off-Fault Paleoseismic Evidence in the Postglacial Infill of the Inner-Alpine Lake Achensee (Austria, Eastern Alps). Frontiers in Earth Science, 2021, 9, .	0.8	8
22	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	3.5	14
23	Disentangling the stratigraphic architecture of the Rivoli-Avigliana end moraine system (Western) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	3
24	Radiocarbon dating. Nature Reviews Methods Primers, 2021, 1, .	11.8	79
25	Treeâ€ring stable isotopes and radiocarbon reveal preâ€and postâ€eruption effects of volcanic processes on trees on Mt. Etna (Sicily, Italy). Ecohydrology, 2021, 14, e2340.	1.1	5
26	Radiocarbon Dating for the Reconstruction of the 1717 CE Triolet Rock Avalanche in the Mont Blanc Massif, Italy. Frontiers in Earth Science, 2021, 8, .	0.8	3
27	Advances and limitations of 14C dating in the field of heritage sciences. Techne, 2021, , 111-117.	0.0	2
28	Steady transformation of primeval forest into subalpine pasture during the Late Neolithic to Early Bronze Age (2300â^'1700 BC) in the Silvretta Alps, Switzerland. Holocene, 2020, 30, 355-368.	0.9	14
29	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. Communications Earth & Environment, 2020, 1, .	2.6	101
30	Comparison of sample preparation procedures for mortar radiocarbon dating. Case study of Irulegi Castle (Navarre, Spain). Quaternary Geochronology, 2020, 60, 101110.	0.6	3
31	Variability of Early Iron Production in the FalÃ©mÃ© Valley Region, Eastern Senegal. African Archaeological Review, 2020, 37, 225-250.	0.8	12
32	Development of ¹⁴C Dating of Mortars at ETH Zurich. Radiocarbon, 2020, 62, 591-600.	0.8	8
33	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	0.8	3,502
34	Tempo of a Mega-henge: A New Chronology for Mount Pleasant, Dorchester, Dorset. Proceedings of the Prehistoric Society, London, 2020, 86, 199-236.	0.2	4
35	Delayed Hardening and Reactivation of Binder Calcite, Common Problems in Radiocarbon Dating of Lime Mortars. Radiocarbon, 2020, 62, 565-577.	0.8	14
36	Age and Provenance Analysis from Micrograms of Artwork Pigments. Chimia, 2020, 74, 299.	0.3	0

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37	The Ins and Outs of ¹⁴C Dating Lead White Paint for Artworks Application. Analytical Chemistry, 2020, 92, 7674-7682.	3.2	14
38	Cold-Water Coral Mound Archive Provides Unique Insights Into Intermediate Water Mass Dynamics in the Alboran Sea During the Last Deglaciation. Frontiers in Marine Science, 2020, 7, .	1.2	18
39	Radiocarbon Dating of Dolomitic Mortars from the Convent Saint John, MÃ¼stair (Switzerland): First Results. Radiocarbon, 2020, 62, 601-615.	0.8	8
40	Radiocarbon Dating of Small-sized Foraminifer Samples: Insights into Marine sediment Mixing. Radiocarbon, 2020, 62, 313-333.	0.8	12
41	An Atypical Medieval Burial at theMonte Dei CappucciniMonastery in Torino (Italy): A Case Study With High-Precision Radiocarbon Dating. Radiocarbon, 2020, 62, 485-495.	0.8	3
42	Dual isotope system analysis of lead white in artworks. Analyst, The, 2020, 145, 1310-1318.	1.7	15
43	Integrated Dating of the Construction and Restoration of the Modena Cathedral Vaults (Northern) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	5
44	The Roman amphitheatre in MÃ©rida, Spain Ë—Augustan or Flavian? Radiocarbon dating results on mortar carbonate. Geochronometria, 2020, 47, 187-195.	0.2	2
45	¹⁴C Dating of mortar from ruins of an early medieval church HohenrÃtien GR, Switzerland. Geochronometria, 2020, 47, 118-123.	0.2	2
46	Digging the history. Absolute chronology of the settlement complex at Czermno-Chervenâ€™ (eastern) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	3
47	Bomb ¹⁴C on paper and detection of the Forged Paintings of Tâ€™ang Haywen. Radiocarbon, 2019, 61, 1905-1912.	0.8	11
48	Selective Dating of Paint Components: Radiocarbon Dating of Lead White Pigment. Radiocarbon, 2019, 61, 473-493.	0.8	29
49	Radiocarbon Dating and the Protection of Cultural Heritage. Radiocarbon, 2019, 61, 1133-1134.	0.8	14
50	Consistently dated Atlantic sediment cores over the last 40 thousand years. Scientific Data, 2019, 6, 165.	2.4	63
51	The Awakening of the Dormant Mount Vettore Fault (2016 Central Italy Earthquake,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 687-705.	1.3	37
52	Uncovering modern paint forgeries by radiocarbon dating. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13210-13214.	3.3	31
53	The sequence at Carihuela Cave and its potential for research into Neanderthal ecology and the Mousterian in southern Spain. Quaternary Science Reviews, 2019, 217, 194-216.	1.4	31
54	Holocene paleoecological changes and agro-pastoral impact on the La Narce du BÃ©age mire (Massif) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	14

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55	New Radiocarbon-based assessment Supports the Prominence of Tel Lachish during late Bronze age IB-IIA. Radiocarbon, 2019, 61, 1711-1727.	0.8	2
56	Postglacial to Holocene landscape evolution and process rates in steep alpine catchments. Earth Surface Processes and Landforms, 2019, 44, 242-258.	1.2	8
57	The subaqueous landslide cycle in south-central Chilean lakes: The role of tephra, slope gradient and repeated seismic shaking. Sedimentary Geology, 2019, 381, 84-105.	1.0	17
58	Fluvial dynamics and ¹⁴Câ€¹⁰Be disequilibrium on the Bolivian Altiplano. Earth Surface Processes and Landforms, 2019, 44, 766-780.	1.2	8
59	First pre-modern record of the gyrfalcon (Falco rusticolus) in north-east Greenland. Polar Research, 2019, 38, .	1.6	1
60	Multistage Rockâ€Slope Failures Revealed in Lake Sediments in a Seismically Active Alpine Region (Lake) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	18
61	Regional deformation of late Quaternary fluvial sediments in the Apennines foreland basin (Emilia,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	13
62	Combined ¹⁴C Analysis of Canvas and Organic Binder for Dating a Painting. Radiocarbon, 2018, 60, 207-218.	0.8	20
63	A High-Resolution 14C Chronology Tracks Pulses of Aggradation of Glaciofluvial Sediment on the Cormor Megafan between 45 and 20 ka BP. Radiocarbon, 2018, 60, 857-874.	0.8	6
64	First Ams Radiocarbon Direct Dates on Bones from Extinct Megafauna in Camet Norte (Santa Clara Del) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	1
65	Alpine cattle management during the Bronze Age at Ramosch-Mottata, Switzerland. Quaternary International, 2018, 484, 19-31.	0.7	37
66	Tunnug 1 (Arzhan 0) â€“ an early Scythian kurgan in Tuva Republic, Russia. Archaeological Research in Asia, 2018, 15, 82-87.	0.2	19
67	The first vertebrate fossil from Socotra Island (Yemen) is an early Holocene Egyptian fruit bat. Journal of Natural History, 2018, 52, 2001-2024.	0.2	7
68	Radiocarbon Dating and Intercomparison of Some Early Historical Radiocarbon Samples. Radiocarbon, 2018, 60, 535-548.	0.8	13
69	Large-scale paleoceanographic variations in the western Mediterranean Sea during the last 34,000 years: From enhanced cold-water coral growth to declining mounds. Marine Micropaleontology, 2018, 143, 46-62.	0.5	16
70	Holocene evolution of the Triftje- and the Oberseegletscher (Swiss Alps) constrained with 10Be exposure and radiocarbon dating. Swiss Journal of Geosciences, 2018, 111, 117-131.	0.5	13
71	Untargeted metabolomics-like screening approach for chemical characterization and differentiation of canopic jar and mummy samples from Ancient Egypt using GC-high resolution MS. Analyst, The, 2018, 143, 4503-4512.	1.7	26
72	Environmental conditions of settlement in the vicinity of the mediaeval capital of the Cherven Towns (Czermno site, HrubieszÃ³w Basin, Eastern Poland). Quaternary International, 2018, 493, 258-273.	0.7	5

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73	Les fluctuations environnementales des deux derniers millÃ©naires en Afrique de l'OuestÂ: premiers rÃ©sultats de l'Ã©tude des terrasses alluviales du ravin de SansandÃ© (vallÃ©e de la FalÃ©mÃ©, SÃ©nÃ©gal)	0.7	16
74	PALEOENVIRONMENT DATA AND VEGETATION HISTORY FROM A SMALL MESOTROPHIC SITE IN THE CURVATURE SUBCARPATHIANS. CASE STUDY: INK QUAKING BOG, ROMANIA. , 2018, , .		0
75	Lagoonal settlements and relative sea level during Bronze Age in Northern Adriatic: Geoarchaeological evidence and paleogeographic constraints. Quaternary International, 2017, 439, 17-36.	0.7	36
76	Constant denudation rates in a high alpine catchment for the last 6 kyrs. Earth Surface Processes and Landforms, 2017, 42, 1065-1077.	1.2	13
77	Molecular, isotopic and radiocarbon evidence for broomcorn millet cropping in Northeast France since the Bronze Age. Organic Geochemistry, 2017, 110, 13-24.	0.9	11
78	The â€œEnhancementâ€•of Cultural Heritage by AMS Dating: Ethical Questions and Practical Proposals. Radiocarbon, 2017, 59, 559-563.	0.8	8
79	The Alpine LGM in the boreal ice-sheets game. Scientific Reports, 2017, 7, 2078.	1.6	105
80	High-precision 14C and 40Ar/39Ar dating of the Campanian Ignimbrite (Y-5) reconciles the time-scales of climatic-cultural processes at 40 ka. Scientific Reports, 2017, 7, 45940.	1.6	166
81	Millennial scale variability of denudation rates for the last 15 kyr inferred from the detrital ¹⁰Be record of Lake Stappitz in the Hohe Tauern massif, Austrian Alps. Holocene, 2017, 27, 1914-1927.	0.9	14
82	From medieval land clearing to industrial development: 800 years of human-impact history in the Joux Valley (Swiss Jura). Holocene, 2017, 27, 1443-1454.	0.9	6
83	Evaluation of Preparation Methods in Radiocarbon Dating of Old Wood. Radiocarbon, 2017, 59, 727-737.	0.8	18
84	The Working Group on the Anthropocene: Summary of evidence and interim recommendations. Anthropocene, 2017, 19, 55-60.	1.6	310
85	Preparation and Dating of Mortar Samplesâ€”Mortar Dating Inter-Comparison Study (MODIS). Radiocarbon, 2017, 59, 1845-1858.	0.8	44
86	Last Glacial pollenâ€“climate reconstructions from Northland, New Zealand. Journal of Quaternary Science, 2017, 32, 685-703.	1.1	21
87	Neolithic to Bronze Age (4850â€“3450 cal. BP) fire management of the Alpine Lower Engadine landscape (Switzerland) to establish pastures and cereal fields. Holocene, 2017, 27, 181-196.	0.9	32
88	Mortar Dating Methodology: Assessing Recurrent Issues and Needs for Further Research. Radiocarbon, 2017, 59, 1859-1871.	0.8	39
89	Multi-proxy dating the â€˜Millennium Eruptionâ€™ of Changbaishan to late 946 CE. Quaternary Science Reviews, 2017, 158, 164-171.	1.4	137
90	Radiocarbon Age Dating of 1,000-Year-Old Pearls from the Cirebon Shipwreck (Java, Indonesia). Journal of Gemmology, 2017, 35, 728-736.	0.1	1

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91	Landslide deposits as stratigraphical markers for a sequenceâ€based glacial stratigraphy: a case study of a Younger Dryas system in the Eastern Alps. Boreas, 2016, 45, 537-551.	1.2	20
92	Establishing a West African chrono-cultural framework: First luminescence dating of sedimentary formations from the FalÃ©mÃ© Valley, Eastern Senegal. Journal of Archaeological Science: Reports, 2016, 7, 379-388.	0.2	11
93	Long-stored soil carbon released by prehistoric land use: Evidence from compound-specific radiocarbon analysis on Soppensee lake sediments. Quaternary Science Reviews, 2016, 144, 123-131.	1.4	43
94	Pollen from Late Pleistocene hyena (Crocuta crocuta spelaea) coprolites: An interdisciplinary approach from two Italian sites. Review of Palaeobotany and Palynology, 2016, 233, 56-66.	0.8	18
95	Characterization, Quantification and Compound-specific Isotopic Analysis of Pyrogenic Carbon Using Benzene Polycarboxylic Acids (BPCA). Journal of Visualized Experiments, 2016, , .	0.2	21
96	West African Palaeolithic history: New archaeological and chronostratigraphic data from the FalÃ©mÃ© valley, eastern Senegal. Quaternary International, 2016, 408, 33-52.	0.7	30
97	Two early Holocene rock avalanches in the Bernese Alps (Rinderhorn, Switzerland). Geomorphology, 2016, 268, 207-221.	1.1	34
98	Microbial diversity in European alpine permafrost and active layers. FEMS Microbiology Ecology, 2016, 92, fiw018.	1.3	266
99	Microscale radiocarbon dating of paintings. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	16
100	Little Ice Age wetting of interior Asian deserts and the rise of the Mongol Empire. Quaternary Science Reviews, 2016, 131, 33-50.	1.4	54
101	Queen Nefertari, the Royal Spouse of Pharaoh Ramses II: A Multidisciplinary Investigation of the Mummified Remains Found in Her Tomb (QV66). PLoS ONE, 2016, 11, e0166571.	1.1	15
102	Reconsidering the current stratigraphy of the Alpine Lateglacial: Implications of the sedimentary and morphological record of the Lienz area (Tyrol/Austria). E&G Quaternary Science Journal, 2016, 65, 113-144.	0.2	28
103	Colonization of the Americas, â€˜Little Ice Ageâ€™ climate, and bomb-produced carbon: Their role in defining the Anthropocene. Infrastructure Asset Management, 2015, 2, 117-127.	1.2	57
104	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. Quaternary International, 2015, 383, 196-203.	0.7	546
105	Age and Thermal Stability of Particulate Organic Matter Fractions Indicate the Presence of Black Carbon in Soil. Radiocarbon, 2015, 57, 99-107.	0.8	9
106	Correlation of fluvial terraces and temporal steady-state incision on the onshore Makran accretionary wedge in southeastern Iran: Insight from channel profiles and 10Be exposure dating of strath terraces. Bulletin of the Geological Society of America, 2015, 127, 560-583.	1.6	11
107	A 10,300-year-old permafrost core from the active rock glacier Lazaun, southern Ã–tztal Alps (South) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	98
108	Mercury Deposition and Re-emission Pathways in Boreal Forest Soils Investigated with Hg Isotope Signatures. Environmental Science & Technology, 2015, 49, 7188-7196.	4.6	242

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109	Microfossils, a Key to Unravel Cold-Water Carbonate Mound Evolution through Time: Evidence from the Eastern Alboran Sea. PLoS ONE, 2015, 10, e0140223.	1.1	40
110	Nine Years of Irrigation Cause Vegetation and Fine Root Shifts in a Water-Limited Pine Forest. PLoS ONE, 2014, 9, e96321.	1.1	40
111	Textiles and Radiocarbon Dating. Radiocarbon, 2014, 56, 637-643.	0.8	0
112	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, ArdÃ¨che, France. Radiocarbon, 2014, 56, 833-850.	0.8	14
113	Dating, synthesis, and interpretation of palaeoclimatic records of the Last Glacial cycle and model-data integration: advances by the INTIMATE (INTegration of Ice-core, MArine and TErrestrial) Tj ETQq1 1 0.784314 rgBT /Overlock		
114	Palaeoecological evidence for Mesolithic to Medieval climatic change and anthropogenic impact on the Alpine flora and vegetation of the Silvretta Massif (Switzerland/Austria). Quaternary International, 2014, 353, 3-16.	0.7	33
115	Textiles and Radiocarbon Dating. Radiocarbon, 2014, 56, 637-643.	0.8	22
116	41Ca, 14C and 10Be concentrations in coral sand from the Bikini atoll. Journal of Environmental Radioactivity, 2014, 129, 68-72.	0.9	7
117	Radiocarbon: Calibration to Absolute Time Scale. , 2014, , 37-43.		6
118	Purification of fire derived markers for Î¼g scale isotope analysis (Î´13C, Î”14C) using high performance liquid chromatography (HPLC). Organic Geochemistry, 2014, 70, 1-9.	0.9	13
119	The importance of independent chronology in integrating records of past climate change for the 60â€“8Âka INTIMATE time interval. Quaternary Science Reviews, 2014, 106, 47-66.	1.4	64
120	Paleosol architecture of a late Quaternary basinâ€“margin sequence and its implications for high-resolution, non-marine sequence stratigraphy. Global and Planetary Change, 2014, 112, 12-25.	1.6	43
121	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, ArdÃ¨che, France. Radiocarbon, 2014, 56, 833-850.	0.8	1
122	Evolution of carbon fluxes during initial soil formation along the forefield of Damma glacier, Switzerland. Biogeochemistry, 2013, 113, 545-561.	1.7	38
123	Control of soil pH on turnover of belowground organic matter in subalpine grassland. Biogeochemistry, 2013, 112, 59-69.	1.7	57
124	Diatom-inferred late Pleistocene and Holocene palaeolimnological changes in the Ioannina basin, northwest Greece. Journal of Paleolimnology, 2013, 49, 185-204.	0.8	21
125	Isolation and compound specific radiocarbon dating of terrigenous branched glycerol dialkyl glycerol tetraethers (brGDGTs). Organic Geochemistry, 2013, 60, 9-19.	0.9	19
126	A versatile gas interface for routine radiocarbon analysis with a gas ion source. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 315-319.	0.6	163

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127	Status report on sample preparation facilities for 14C analysis at the new CologneAMS center. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 168-172.	0.6	78
128	C-14 analysis of groundwater down to the millilitre level. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 573-576.	0.6	19
129	A novel approach to process carbonate samples for radiocarbon measurements with helium carrier gas. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 214-217.	0.6	63
130	Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16742-16747.	3.3	213
131	Soil acidity affects fine root turnover of European beech. Plant Biosystems, 2013, 147, 50-59.	0.8	21
132	Age Determination of Pearls: A New Approach for Pearl Testing and Identification. Radiocarbon, 2013, 55, 1801-1809.	0.8	8
133	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. Radiocarbon, 2013, 55, 1923-1945.	0.8	134
134	Status Report of the New AMS ¹⁴C Sample Preparation Lab of the Hertelendi Laboratory of Environmental Studies (Debrecen, Hungary). Radiocarbon, 2013, 55, 665-676.	0.8	122
135	Correlating the Ancient Maya and Modern European Calendars with High-Precision AMS 14C Dating. Scientific Reports, 2013, 3, 1597.	1.6	21
136	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	0.8	9,487
137	Climatic impact of the Millennium eruption of Changbaishan volcano in China: New insights from highâ€precision radiocarbon wiggleâ€match dating. Geophysical Research Letters, 2013, 40, 54-59.	1.5	89
138	Age Determination of the Kawagodaira Volcanic Eruption in Japan by 14C Wiggle-Matching. Radiocarbon, 2013, 55, .	0.8	2
139	Age Determination of Pearls: A New Approach for Pearl Testing and Identification. Radiocarbon, 2013, 55, .	0.8	1
140	Status Report of the New AMS 14C Sample Preparation Lab of the Hertelendi Laboratory of Environmental Studies (Debrecen, Hungary). Radiocarbon, 2013, 55, .	0.8	11
141	Advance in the Mapping of the 1717 AD Triolet Rock Avalanche Deposit (Mont Blanc Massif, Italy) Using Cosmogenic Exposure Dating. , 2013, , 185-189.		0
142	Roman Ruins as an Experiment for Radiocarbon Dating of Mortar. Radiocarbon, 2012, 54, 897-903.	0.8	19
143	Combining an archaeomagnetic and radiocarbon study: dating of medieval fireplaces at the MÃ¼hlegasse, ZÃ¼rich. Journal of Archaeological Science, 2012, 39, 2153-2166.	1.2	15
144	Dating the Irrigation System of the Samarkand Oasis: A Geoarchaeological Study. Radiocarbon, 2012, 54, 91-105.	0.8	14

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145	Methodological Implications of New Radiocarbon Dates from the Early Holocene Site of KÃ¶rtik Tepe, Southeast Anatolia. Radiocarbon, 2012, 54, 291-304.	0.8	13
146	The AD 1717 rock avalanche deposits in the upper Ferret Valley (Italy): a dating approach with cosmogenic ¹⁰Be. Journal of Quaternary Science, 2012, 27, 383-392.	1.1	69
147	Dating the Irrigation System of the Samarkand Oasis: A Geoarchaeological Study. Radiocarbon, 2012, 54, 91-105.	0.8	0
148	Chemical and Biological Gradients along the Damma Glacier Soil Chronosequence, Switzerland. Vadose Zone Journal, 2011, 10, 867-883.	1.3	158
149	Anomalous Radiocarbon Ages Found in Campanian Ignimbrite Deposit of the Mediterranean Deep-Sea Core CT85-5. Radiocarbon, 2011, 53, 575-583.	0.8	10
150	Deglaciation, basin formation and post-glacial climate change from a regional network of sediment core sites in Ohio and eastern Indiana. Quaternary Research, 2011, 76, 401-410.	1.0	20
151	Alternative Methods for Cellulose Preparation for AMS Measurement. Radiocarbon, 2010, 52, 1358-1370.	0.8	98
152	Direct measurements of small 14C samples after oxidation in quartz tubes. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 787-789.	0.6	23
153	Frequency Distribution of¹⁴C Ages for Chronostratigraphic Reconstructions: Alaska Region Study Case. Radiocarbon, 2010, 52, 1041-1055.	0.8	4
154	Age-Depth Model of Lake Soppensee (Switzerland) Based on the High-Resolution ¹⁴C Chronology Compared with Varve Chronology. Radiocarbon, 2010, 52, 1027-1040.	0.8	22
155	Claudio Tuniz, Richard Gillespie, and Cheryl Jones. The Bone Readersâ€"Atoms, Genes and the Politics of Australia'S Deep Past. 2009. Sydney: Allen & Unwin. ISBN: 9781741147285. 288 P.. Radiocarbon, 2010, 52, 1508-1511.	0.8	0
156	MICADAS: Routine and High-Precision Radiocarbon Dating. Radiocarbon, 2010, 52, 252-262.	0.8	217
157	On-line Radiocarbon Measurements of Small Samples Using Elemental Analyzer and MICADAS Gas Ion Source. Radiocarbon, 2010, 52, 1645-1656.	0.8	121
158	Recovery of the forest ecosystem in the tropical lowlands of northern Guatemala after disintegration of Classic Maya polities. Geology, 2010, 38, 523-526.	2.0	68
159	A cautionary tale about a little-known type of non-nacreous calcareous concretion produced by the Magilus antiquus marine snail. Journal of Gemmology, 2010, 32, 15-22.	0.1	4
160	Applications of Radiocarbon Dating Method. Radiocarbon, 2009, 51, 79-90.	0.8	23
161	New Radiocarbon Dates for the Early Neolithic of the Western Mediterranean. Radiocarbon, 2009, 51, 831-838.	0.8	6
162	Dating Bones near the Limit of the Radiocarbon Dating Method: Study Case Mammoth from Niederweningen, ZH Switzerland. Radiocarbon, 2009, 51, 675-680.	0.8	34

#	Article	IF	Citations
163	40Ar/39Ar and 14C geochronology of the Albano maar deposits: Implications for defining the age and eruptive style of the most recent explosive activity at Colli Albani Volcanic District, Central Italy. Journal of Volcanology and Geothermal Research, 2009, 185, 203-213.	0.8	41
164	A record of temperature and monsoon intensity over the past 40Âkyr from groundwater in the North China Plain. Chemical Geology, 2009, 259, 168-180.	1.4	57
165	Deglaciation ages and meltwater routing in the Fort McMurray region, northeastern Alberta and northwestern Saskatchewan, Canada. Quaternary Science Reviews, 2009, 28, 1608-1624.	1.4	50
166	Radiocarbon deglaciation chronology of the Thunder Bay, Ontario area and implications for ice sheet retreat patterns. Quaternary Science Reviews, 2009, 28, 1597-1607.	1.4	51
167	Geochemical evidence for high-resolution variations during deposition of the Holocene S1 sapropel on the Cretan Ridge, Eastern Mediterranean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 273, 239-248.	1.0	13
168	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150.	0.8	4,009
169	Timescales and cultural process at 40,000 BP in the light of the Campanian Ignimbrite eruption, Western Eurasia. Journal of Human Evolution, 2008, 55, 834-857.	1.3	115
170	Lateglacial and early Holocene climate oscillations in the Matanuska Valley, south-central Alaska. Quaternary Science Reviews, 2008, 27, 148-161.	1.4	33
171	The chronology, climate, and confusion of the Moorhead Phase of glacial Lake Agassiz: new results from the Ojata Beach, North Dakota, USA. Quaternary Science Reviews, 2008, 27, 1124-1135.	1.4	52
172	Weathering, soil formation and initial ecosystem evolution on a glacier forefield: a case study from the Damma Glacier, Switzerland. Mineralogical Magazine, 2008, 72, 19-22.	0.6	50
173	Radiocarbon dating and its applications in Quaternary studies. E&G Quaternary Science Journal, 2008, 57, 2-24.	0.2	38
174	Recent developments in Quaternary dating methods. Geographica Helvetica, 2008, 63, 176-180.	0.4	4
175	Ages for the Big Stone Moraine and the oldest beaches of glacial Lake Agassiz: Implications for deglaciation chronology. Geology, 2007, 35, 667.	2.0	53
176	Radiocarbon chronology of the mammoth site at Niederweningen, Switzerland: Results from dating bones, teeth, wood, and peat. Quaternary International, 2007, 164-165, 98-105.	0.7	48
177	Landscape Evolution and Deglaciation of the Upper Peninsula, Michigan: An Examination of Chronology and Stratigraphy in Kettle Lake Cores. Journal of Great Lakes Research, 2007, 33, 875-886.	0.8	10
178	Radiocarbon age offsets of foraminifera resulting from differential dissolution and fragmentation within the sedimentary bioturbated zone. Paleoceanography, 2007, 22, .	3.0	64
179	Radiocarbon age of late glacial deep water from the equatorial Pacific. Paleoceanography, 2007, 22, .	3.0	26
180	Construction of the Calendar Timescale for Lake Wigry (Ne Poland) Sediments on the Basis of Radiocarbon Dating. Radiocarbon, 2007, 49, 1133-1143.	0.8	17

#	Article	IF	Citations
181	Lake sediments deposited on the Flims rockslide mass: the key to date the largest mass movement of the Alps. Terra Nova, 2007, 19, 252-258.	0.9	35
182	Radiocarbon ages of soil charcoals from the southern Alps, Ticino, Switzerland. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 398-402.	0.6	15
183	Contributions of fossil fuel, biomass-burning, and biogenic emissions to carbonaceous aerosols in Zurich as traced by14C. Journal of Geophysical Research, 2006, 111, .	3.3	330
184	Anomalous radiocarbon ages for foraminifera shells. Paleoceanography, 2006, 21, n/a-n/a.	3.0	37
185	Une prÃ©hampe magdalÃ©nienne enÂbois deÂrenne auxÂPetits Guinards (Allier, France). Comptes Rendus - Palevol, 2006, 5, 725-733.	0.1	9
186	The co-evolution of Black Sea level and composition through the last deglaciation and its paleoclimatic significance. Quaternary Science Reviews, 2006, 25, 2031-2047.	1.4	169
187	Timing of the late-glacial climate reversal in the Southern Hemisphere using high-resolution radiocarbon chronology for Kaipo Bog, New Zealand. Quaternary Research, 2006, 65, 340-345.	1.0	62
188	Mid-Holocene strengthening of the Southern Westerlies in South America â€" Sedimentological evidences from Lago Cardiel, Argentina (49Â°S). Global and Planetary Change, 2005, 49, 75-93.	1.6	103
189	Testing the Lake Agassiz meltwater trigger for the Younger Dryas. Eos, 2005, 86, 365.	0.1	79
190	Principal features (master curve) of geomagnetic field variations in Belorussia during the last 12 thousand years. Russian Journal of Earth Sciences, 2005, 7, 91-106.	0.2	1
191	The Comparison of ‹sup›14‹/sup›C Wiggle-Matching Results for the â€˜Floatingâ€™ Tree-Ring Chronology of the Ulandryk-4 Burial Ground (Altai Mountains, Siberia). Radiocarbon, 2004, 46, 943-948.	0.8	9
192	Ventilation of the Glacial Deep Pacific Ocean. Science, 2004, 306, 1169-1172.	6.0	89
193	A report on sample preparation at the ETH/PSI AMS facility in Zurich. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 267-271.	0.6	37
194	Radiocarbon and absolute chronology of the Late-Glacial record from Hauterive/Rouges-Terres, Lake NeuchÃ¢tel (CH). Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 308-312.	0.6	2
195	Holocene megathermal abrupt environmental changes derived from 14C dating of a coral reef at Leizhou Peninsula, South China Sea. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 416-419.	0.6	4
196	THEODORE, a two-step heating system for the EC/OC determination of radiocarbon (14C) in the environment. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 829-836.	0.6	87
197	Radiocarbon (14C)-deduced biogenic and anthropogenic contributions to organic carbon (OC) of urban aerosols from ZÃ¼rich, Switzerland. Atmospheric Environment, 2004, 38, 4035-4044.	1.9	147
198	Glacial ventilation rates for the deep Pacific Ocean. Paleoceanography, 2004, 19, n/a-n/a.	3.0	46

#	Article	IF	Citations
199	Source Apportionment of Aerosols by ¹⁴C Measurements in Different Carbonaceous Particle Fractions. Radiocarbon, 2004, 46, 475-484.	0.8	123
200	¹⁴C Ages of Ostracodes from Pleistocene Lake Sediments of the Western Great Basin, Usaâ€"Results of Progressive Acid Leaching. Radiocarbon, 2004, 46, 189-200.	0.8	34
201	Chronology of Pazyryk 2 and Ulandryk 4 Kurgans Based on High Resolution Radiocarbon Dating and Dendrochronology - A Step Towards More Precise Dating of Scythian Burials. , 2004, , 107-116.		1
202	Precise radiocarbon dating of Late-Glacial cooling in mid-latitude South America. Quaternary Research, 2003, 59, 70-78.	1.0	144
203	Effect of elevated CO2on the community metabolism of an experimental coral reef. Global Biogeochemical Cycles, 2003, 17, .	1.9	189
204	Very high resolution paleosecular variation record for the last â^¼1200 years from the Aral Sea. Geophysical Research Letters, 2003, 30, n/a-n/a.	1.5	26
205	Ice-rafted detritus evidence from 40Ar/39Ar ages of individual hornblende grains for evolution of the eastern margin of the Laurentide ice sheet since 43 14Cky. Quaternary International, 2003, 99-100, 29-43.	0.7	27
206	Radiocarbon and luminescence dating of overbank deposits in outwash sediments of the Last Glacial Maximum in North Westland, New Zealand. New Zealand Journal of Geology, and Geophysics, 2003, 46, 95-106.	1.0	23
207	Constraints on Black Sea outflow to the Sea of Marmara during the last glacialâ€"interglacial transition. Marine Geology, 2002, 190, 19-34.	0.9	142
208	What caused the atmosphere's CO2content to rise during the last 8000 years?. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	1.0	53
209	Persistent Solar Influence on North Atlantic Climate During the Holocene. Science, 2001, 294, 2130-2136.	6.0	2,757
210	Can deep ocean carbonate preservation history inferred from atmospheric pCO2 account for 14C and %CaCO3 profiles on the Ontongâ€"Java Plateau?. Earth and Planetary Science Letters, 2001, 192, 319-329.	1.8	3
211	Title is missing!. Journal of Paleolimnology, 2001, 25, 17-24.	0.8	24
212	Radiocarbon Dating of Varve Chronologies: Soppensee and Holzmaar Lakes after Ten Years. Radiocarbon, 2000, 42, 349-353.	0.8	22
213	Late glacial diatom accumulation at 9Â°S in the Indian Ocean. Paleoceanography, 2000, 15, 348-352.	3.0	21
214	Core Top14C Ages as a Function of Latitude and Water Depth on the Ontong-Java Plateau. Paleoceanography, 1999, 14, 13-22.	3.0	30
215	Evaluating timescales of carbon turnover in temperate forest soils with radiocarbon data. Global Biogeochemical Cycles, 1999, 13, 555-573.	1.9	34
216	Radiocarbon age differences between coexisting foraminiferal species. Paleoceanography, 1999, 14, 431-436.	3.0	48

#	Article	IF	Citations
217	Evidence for a reduction in the carbonate ion content of the deep sea during the course of the Holocene. Paleoceanography, 1999, 14, 744-752.	3.0	74
218	The North Atlantic's 1â€“2 kyr climate rhythm: Relation to Heinrich events, Dansgaard/Oeschger cycles and the Little Ice Age. Geophysical Monograph Series, 1999, , 35-58.	0.1	241
219	A Reassessment of U-Th and14C Ages for Late-Glacial High-Frequency Hydrological Events at Searles Lake, California. Quaternary Research, 1998, 49, 11-23.	1.0	66
220	Antiphasing between Rainfall in Africa's Rift Valley and North America's Great Basin. Quaternary Research, 1998, 50, 12-20.	1.0	45
221	Coral provides way to age deep water. Nature, 1998, 392, 347-348.	13.7	68
222	Provenance change coupled with increased clay flux during deglacial times in the western equatorial Atlantic. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 142, 217-230.	1.0	23
223	Provenance of Heinrich layers in core V28-82, northeastern Atlantic: 40Ar/39Ar ages of ice-rafted hornblende, Pb isotopes in feldspar grains, and Ndâ€“Srâ€“Pb isotopes in the fine sediment fraction. Earth and Planetary Science Letters, 1998, 164, 317-333.	1.8	124
224	Ambiguities in Direct Dating of Rock Surfaces Using Radiocarbon Measurements. Science, 1998, 280, 2132-2139.	6.0	46
225	Cold reversal on Kodiak Island, Alaska, correlated with the European Younger Dryas by using variations of atmospheric 14C content. Geology, 1998, 26, 1047.	2.0	27
226	¹⁴C Ages of Terrestrial Macrofossils from Lago Grande Di Monticchio (Italy). Radiocarbon, 1997, 40, 803-807.	0.8	20
227	A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates. Science, 1997, 278, 1257-1266.	6.0	2,734
228	The Effect of Tillage on Soil Organic Matter Using 14C: A Case Study. Radiocarbon, 1996, 38, 209-217.	0.8	13
229	Assessing AMS 14C ages of detrital organics from Holocene and late-Pleistocene moraines, east-central Sierra Nevada, California, USA. Holocene, 1996, 6, 463-467.	0.9	2
230	Problems in the Extension of the Radiocarbon Calibration Curve (10â€“13 kyr BP). Radiocarbon, 1995, 37, 75-79.	0.8	14
231	Radiocarbon Age of the Laacher See Tephra: 11,230 Â± 40 BP. Radiocarbon, 1995, 37, 149-154.	0.8	60
232	Radiocarbon Dating the Holocene in the GoÅ›ciÄ…Å¼ Lake Floating Varve Chronology. Radiocarbon, 1995, 37, 71-74.	0.8	12
233	AMS radiocarbon dating of annually laminated sediments from lake Holzmaar, Germany. Quaternary Science Reviews, 1995, 14, 137-143.	1.4	119
234	Ams ¹⁴C Age Determinations of Tissue, Bone and Grass Samples from the Ã–tztal Ice Man. Radiocarbon, 1994, 36, 247-250.	0.8	71

#	Article	IF	Citations
235	AMS radiocarbon dating and varve chronology of Lake Soppensee: 6000 to 12000 14C years BP. Climate Dynamics, 1993, 9, 107-116.	1.7	151
236	THE RADIOCARBON WORLD ACCORDING TO WALLY. Radiocarbon, 0, , 1-4.	0.8	0
237	GEORGES BONANI (1946â€“2020) AND RADIOCARBON DATING AT ETH ZURICH. Radiocarbon, 0, , 1-3.	0.8	0