

# Irka Hajdas

## List of Publications by Year in descending order

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237  
papers

32,343  
citations

30068

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4226

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docs citations

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23418  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Chronology of Ancient Earthquake Damage in the Modena Cathedral (Italy): Integrated Dating of Mortars ( <sup>14</sup> C, Pollen Record) and Bricks (TL). International Journal of Architectural Heritage, 2023, 17, 326-342.	3.1	2
2	The Rediscovery of Jan Ruyscher and Its Consequence. Journal of the American Institute for Conservation, 2022, 61, 55-63.	0.5	5
3	Environmental changes during the Late-Glacial and Early Holocene at the Gour d'Aillères mire in the Monts du Forez Mountains (Massif Central, France). Quaternary International, 2022, 636, 9-24.	1.5	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.	1.8	7
5	The Potentialities of Accelerator-Based Techniques as an analytical Tool for Forensics: the case of Coffee. Forensic Science International, 2022, 335, 111281.	2.2	3
6	The Biogeochemical Legacy of Arctic Subglacial Sediments Exposed by Glacier Retreat. Global Biogeochemical Cycles, 2022, 36, .	4.9	14
7	Neolithic occupations (c. 5200-3400 cal BC) 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.	0.5	2
8	THE IAEA FORENSICS PROGRAM: RESULTS OF THE AMS <sup>14</sup> C INTERCOMPARISON EXERCISE ON CONTEMPORARY WINES AND COFFEES. Radiocarbon, 2022, 64, 1513-1524.	1.8	2
9	The potential of radiocarbon analysis for the detection of art forgeries. Forensic Science International, 2022, 335, 111292.	2.2	5
10	Timing and mechanisms of sediment accumulation and pedogenesis: Insights from the Po Plain (northern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 591, 110881.	2.3	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.	3.0	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.	2.2	10
13	Microstratigraphy and palaeoenvironmental implications of a Late Quaternary high-altitude lacustrine record in the subtropical Andes. Sedimentology, 2022, 69, 2585-2614.	3.1	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 (L'Île-sur-la-Sorgue, Vaucluse, France). Journal of Archaeological Science: Reports, 2022, 42, 103375.	0.5	2
15	NEW APPROACH TO SEPARATE AND DATE SMALL SPORES AND POLLEN FROM LAKE SEDIMENTS IN SEMI-ARID CLIMATES. Radiocarbon, 2022, 64, 1191-1207.	1.8	2
16	A field guide to mortar sampling for radiocarbon dating*. Archaeometry, 2021, 63, 1121-1140.	1.3	19
17	14C INTERCOMPARISON EXERCISE ON BONES AND IVORY SAMPLES: IMPLICATIONS FOR FORENSICS. Radiocarbon, 2021, 63, 533-544.	1.8	6
18	COMPARISON OF THERMAL DECOMPOSITION AND SEQUENTIAL DISSOLUTION TWO SAMPLE PREPARATION METHODS FOR RADIOCARBON DATING OF LIME MORTARS. Radiocarbon, 2021, 63, 405-427.	1.8	7

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19	RADIOCARBON DATING OF ST. GEORGE'S ROTUNDA IN NITRIANSKA BLATNICA (SLOVAKIA): INTERNATIONAL CONSORTIUM RESULTS. Radiocarbon, 2021, 63, 953-976.	1.8	5
20	Radiocarbon dating of lead white: novel application in the study of polychrome sculpture. Scientific Reports, 2021, 11, 13210.	3.3	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, .	1.8	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.	8.9	14
23	Disentangling the stratigraphic architecture of the Rivoli-Avigliana end moraine system (Western Tj ETQq1 1 0.784314 rgBT /Overload 3	2.0	3
24	Radiocarbon dating. Nature Reviews Methods Primers, 2021, 1, .	21.2	79
25	Tree-ring stable isotopes and radiocarbon reveal pre- and post-eruption effects of volcanic processes on trees on Mt. Etna (Sicily, Italy). Ecohydrology, 2021, 14, e2340.	2.4	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, .	1.8	3
27	Advances and limitations of <sup>14</sup> C dating in the field of heritage sciences. Techne, 2021, , 111-117.	0.1	2
28	Steady transformation of primeval forest into subalpine pasture during the Late Neolithic to Early Bronze Age (2300~1700 BC) in the Silvretta Alps, Switzerland. Holocene, 2020, 30, 355-368.	1.7	14
29	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. Communications Earth & Environment, 2020, 1, .	6.8	101
30	Comparison of sample preparation procedures for mortar radiocarbon dating. Case study of Irulegi Castle (Navarre, Spain). Quaternary Geochronology, 2020, 60, 101110.	1.4	3
31	Variability of Early Iron Production in the Fala Valley Region, Eastern Senegal. African Archaeological Review, 2020, 37, 225-250.	1.4	12
32	Development of <sup>14</sup> C Dating of Mortars at ETH Zurich. Radiocarbon, 2020, 62, 591-600.	1.8	8
33	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0~55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	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.	0.7	4
35	Delayed Hardening and Reactivation of Binder Calcite, Common Problems in Radiocarbon Dating of Lime Mortars. Radiocarbon, 2020, 62, 565-577.	1.8	14
36	Age and Provenance Analysis from Micrograms of Artwork Pigments. Chimia, 2020, 74, 299.	0.6	0

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37	The Ins and Outs of <sup>14</sup> C Dating Lead White Paint for Artworks Application. Analytical Chemistry, 2020, 92, 7674-7682.	6.5	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, .	2.5	18
39	Radiocarbon Dating of Dolomitic Mortars from the Convent Saint John, M <sup>1</sup> / <sub>4</sub> stair (Switzerland): First Results. Radiocarbon, 2020, 62, 601-615.	1.8	8
40	Radiocarbon Dating of Small-sized Foraminifer Samples: Insights into Marine sediment Mixing. Radiocarbon, 2020, 62, 313-333.	1.8	12
41	An Atypical Medieval Burial at the Monte Dei Cappuccini Monastery in Torino (Italy): A Case Study With High-Precision Radiocarbon Dating. Radiocarbon, 2020, 62, 485-495.	1.8	3
42	Dual isotope system analysis of lead white in artworks. Analyst, The, 2020, 145, 1310-1318.	3.5	15
43	Integrated Dating of the Construction and Restoration of the Modena Cathedral Vaults (Northern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187	1.8	5
44	The Roman amphitheatre in M <sup>1</sup> / <sub>2</sub> rida, Spain —Augustan or Flavian? Radiocarbon dating results on mortar carbonate. Geochronometria, 2020, 47, 187-195.	0.8	2
45	<sup>14</sup> C Dating of mortar from ruins of an early medieval church Hohenr <sup>1</sup> / <sub>2</sub> tien GR, Switzerland. Geochronometria, 2020, 47, 118-123.	0.8	2
46	Digging the history. Absolute chronology of the settlement complex at Czermno-Cherven <sup>1</sup> / <sub>2</sub> ™ (eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187	0.3	3
47	Bomb <sup>14</sup> C on paper and detection of the Forged Paintings of T <sup>1</sup> / <sub>2</sub> ang Haywen. Radiocarbon, 2019, 61, 1905-1912.	1.8	11
48	Selective Dating of Paint Components: Radiocarbon Dating of Lead White Pigment. Radiocarbon, 2019, 61, 473-493.	1.8	29
49	Radiocarbon Dating and the Protection of Cultural Heritage. Radiocarbon, 2019, 61, 1133-1134.	1.8	14
50	Consistently dated Atlantic sediment cores over the last 40 thousand years. Scientific Data, 2019, 6, 165.	5.3	63
51	The Awakening of the Dormant Mount Vettore Fault (2016 Central Italy Earthquake,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187	2.8	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.	7.1	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.	3.0	31
54	Holocene paleoecological changes and agro-pastoral impact on the La Narce du B <sup>1</sup> / <sub>2</sub> age mire (Massif) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187	1.7	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.	1.8	2
56	Postglacial to Holocene landscape evolution and process rates in steep alpine catchments. Earth Surface Processes and Landforms, 2019, 44, 242-258.	2.5	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.	2.1	17
58	Fluvial dynamics and $^{14}\text{C}$ - $^{10}\text{Be}$ disequilibrium on the Bolivian Altiplano. Earth Surface Processes and Landforms, 2019, 44, 766-780.	2.5	8
59	First pre-modern record of the gyrfalcon (Falco rusticolus) in north-east Greenland. Polar Research, 2019, 38, .	1.6	1
60	Multistage Rock-Slope Failures Revealed in Lake Sediments in a Seismically Active Alpine Region (Lake Tj ETQq0 0.0 rgBT /Overlock 10	2.8	18
61	Regional deformation of late Quaternary fluvial sediments in the Apennines foreland basin (Emilia,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	13
62	Combined $^{14}\text{C}$ Analysis of Canvas and Organic Binder for Dating a Painting. Radiocarbon, 2018, 60, 207-218.	1.8	20
63	A High-Resolution $^{14}\text{C}$ Chronology Tracks Pulses of Aggradation of Glaciofluvial Sediment on the Cormor Megafan between 45 and 20 ka BP. Radiocarbon, 2018, 60, 857-874.	1.8	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	0.7	1
65	Alpine cattle management during the Bronze Age at Ramosch-Mottata, Switzerland. Quaternary International, 2018, 484, 19-31.	1.5	37
66	Tunnug 1 (Arzhan O) â€“ an early Scythian kurgan in Tuva Republic, Russia. Archaeological Research in Asia, 2018, 15, 82-87.	0.7	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.	0.5	7
68	Radiocarbon Dating and Intercomparison of Some Early Historical Radiocarbon Samples. Radiocarbon, 2018, 60, 535-548.	1.8	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.	1.2	16
70	Holocene evolution of the Triftje- and the Oberseegletscher (Swiss Alps) constrained with $^{10}\text{Be}$ exposure and radiocarbon dating. Swiss Journal of Geosciences, 2018, 111, 117-131.	1.2	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.	3.5	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.	1.5	5

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73	Les fluctuations environnementales des deux derniers millénaires en Afrique de l'Ouest: premiers résultats de l'étude des terrasses alluviales du ravin de Sansandé (vallée de la Falémé, SÃ©nÃ©gal) <a href="#">DOI:10.1016/j.jqs.2017.07.001</a>	1.5	160.784314
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.	1.5	36
76	Constant denudation rates in a high alpine catchment for the last 6 kyrs. Earth Surface Processes and Landforms, 2017, 42, 1065-1077.	2.5	13
77	Molecular, isotopic and radiocarbon evidence for broomcorn millet cropping in Northeast France since the Bronze Age. Organic Geochemistry, 2017, 110, 13-24.	1.8	11
78	The "Enhancement" of Cultural Heritage by AMS Dating: Ethical Questions and Practical Proposals. Radiocarbon, 2017, 59, 559-563.	1.8	8
79	The Alpine LGM in the boreal ice-sheets game. Scientific Reports, 2017, 7, 2078.	3.3	105
80	High-precision <sup>14</sup> C and <sup>40</sup> Ar/ <sup>39</sup> Ar dating of the Campanian Ignimbrite (Y-5) reconciles the time-scales of climatic-cultural processes at 40 ka. Scientific Reports, 2017, 7, 45940.	3.3	166
81	Millennial scale variability of denudation rates for the last 15 kyr inferred from the detrital <sup>10</sup> Be record of Lake Stappitz in the Hohe Tauern massif, Austrian Alps. Holocene, 2017, 27, 1914-1927.	1.7	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.	1.7	6
83	Evaluation of Preparation Methods in Radiocarbon Dating of Old Wood. Radiocarbon, 2017, 59, 727-737.	1.8	18
84	The Working Group on the Anthropocene: Summary of evidence and interim recommendations. Anthropocene, 2017, 19, 55-60.	3.3	310
85	Preparation and Dating of Mortar Samples "Mortar Dating Inter-Comparison Study (MODIS). Radiocarbon, 2017, 59, 1845-1858.	1.8	44
86	Last Glacial pollen "climate reconstructions from Northland, New Zealand. Journal of Quaternary Science, 2017, 32, 685-703.	2.1	21
87	Neolithic to Bronze Age (4850 " 3450 cal. BP) fire management of the Alpine Lower Engadine landscape (Switzerland) to establish pastures and cereal fields. Holocene, 2017, 27, 181-196.	1.7	32
88	Mortar Dating Methodology: Assessing Recurrent Issues and Needs for Further Research. Radiocarbon, 2017, 59, 1859-1871.	1.8	39
89	Multi-proxy dating the "Millennium Eruption" of Changbaishan to late 946 CE. Quaternary Science Reviews, 2017, 158, 164-171.	3.0	137
90	Radiocarbon Age Dating of 1,000-Year-Old Pearls from the Cirebon Shipwreck (Java, Indonesia). Journal of Gemmology, 2017, 35, 728-736.	0.2	1

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91	Landslide deposits as stratigraphical markers for a sequence-based glacial stratigraphy: a case study of a Younger Dryas system in the Eastern Alps. <i>Boreas</i> , 2016, 45, 537-551.	2.4	20
92	Establishing a West African chrono-cultural framework: First luminescence dating of sedimentary formations from the Faleme Valley, Eastern Senegal. <i>Journal of Archaeological Science: Reports</i> , 2016, 7, 379-388.	0.5	11
93	Long-stored soil carbon released by prehistoric land use: Evidence from compound-specific radiocarbon analysis on Soppensee lake sediments. <i>Quaternary Science Reviews</i> , 2016, 144, 123-131.	3.0	43
94	Pollen from Late Pleistocene hyena ( <i>Crocota crocota spelaea</i> ) coprolites: An interdisciplinary approach from two Italian sites. <i>Review of Palaeobotany and Palynology</i> , 2016, 233, 56-66.	1.5	18
95	Characterization, Quantification and Compound-specific Isotopic Analysis of Pyrogenic Carbon Using Benzene Polycarboxylic Acids (BPCA). <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	21
96	West African Palaeolithic history: New archaeological and chronostratigraphic data from the Faleme valley, eastern Senegal. <i>Quaternary International</i> , 2016, 408, 33-52.	1.5	30
97	Two early Holocene rock avalanches in the Bernese Alps (Rinderhorn, Switzerland). <i>Geomorphology</i> , 2016, 268, 207-221.	2.6	34
98	Microbial diversity in European alpine permafrost and active layers. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw018.	2.7	266
99	Microscale radiocarbon dating of paintings. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	16
100	Little Ice Age wetting of interior Asian deserts and the rise of the Mongol Empire. <i>Quaternary Science Reviews</i> , 2016, 131, 33-50.	3.0	54
101	Queen Nefertari, the Royal Spouse of Pharaoh Ramses II: A Multidisciplinary Investigation of the Mummified Remains Found in Her Tomb (QV66). <i>PLoS ONE</i> , 2016, 11, e0166571.	2.5	15
102	Reconsidering the current stratigraphy of the Alpine Lateglacial: Implications of the sedimentary and morphological record of the Lienz area (Tyrol/Austria). <i>E&amp;G Quaternary Science Journal</i> , 2016, 65, 113-144.	0.7	28
103	Colonization of the Americas, "Little Ice Age" climate, and bomb-produced carbon: Their role in defining the Anthropocene. <i>Infrastructure Asset Management</i> , 2015, 2, 117-127.	1.6	57
104	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015, 383, 196-203.	1.5	546
105	Age and Thermal Stability of Particulate Organic Matter Fractions Indicate the Presence of Black Carbon in Soil. <i>Radiocarbon</i> , 2015, 57, 99-107.	1.8	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 <sup>10</sup> Be exposure dating of strath terraces. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 560-583.	3.3	11
107	A 10,300-year-old permafrost core from the active rock glacier Lazaun, southern Tizit Alps (South) Tj ETQq1 1 0.784314 rgBT /Overdo	1.7	98
108	Mercury Deposition and Re-emission Pathways in Boreal Forest Soils Investigated with Hg Isotope Signatures. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7188-7196.	10.0	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.	2.5	40
110	Nine Years of Irrigation Cause Vegetation and Fine Root Shifts in a Water-Limited Pine Forest. PLoS ONE, 2014, 9, e96321.	2.5	40
111	Textiles and Radiocarbon Dating. Radiocarbon, 2014, 56, 637-643.	1.8	0
112	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, Ardèche, France. Radiocarbon, 2014, 56, 833-850.	1.8	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 0.784014 rgB24Overlook	3.0	64
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.	1.5	33
115	Textiles and Radiocarbon Dating. Radiocarbon, 2014, 56, 637-643.	1.8	22
116	<sup>41</sup> Ca, <sup>14</sup> C and <sup>10</sup> Be concentrations in coral sand from the Bikini atoll. Journal of Environmental Radioactivity, 2014, 129, 68-72.	1.7	7
117	Radiocarbon: Calibration to Absolute Time Scale. , 2014, , 37-43.		6
118	Purification of fire derived markers for <sup>14</sup> C scale isotope analysis ( <sup>13</sup> C, <sup>14</sup> C) using high performance liquid chromatography (HPLC). Organic Geochemistry, 2014, 70, 1-9.	1.8	13
119	The importance of independent chronology in integrating records of past climate change for the 60±8ka INTIMATE time interval. Quaternary Science Reviews, 2014, 106, 47-66.	3.0	64
120	Paleosol architecture of a late Quaternary basin margin sequence and its implications for high-resolution, non-marine sequence stratigraphy. Global and Planetary Change, 2014, 112, 12-25.	3.5	43
121	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, Ardèche, France. Radiocarbon, 2014, 56, 833-850.	1.8	1
122	Evolution of carbon fluxes during initial soil formation along the forefield of Damma glacier, Switzerland. Biogeochemistry, 2013, 113, 545-561.	3.5	38
123	Control of soil pH on turnover of belowground organic matter in subalpine grassland. Biogeochemistry, 2013, 112, 59-69.	3.5	57
124	Diatom-inferred late Pleistocene and Holocene palaeolimnological changes in the Ioannina basin, northwest Greece. Journal of Paleolimnology, 2013, 49, 185-204.	1.6	21
125	Isolation and compound specific radiocarbon dating of terrigenous branched glycerol dialkyl glycerol tetraethers (brGDGTs). Organic Geochemistry, 2013, 60, 9-19.	1.8	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.	1.4	163



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127	Status report on sample preparation facilities for $^{14}\text{C}$ analysis at the new CologneAMS center. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 168-172.	1.4	78
128	C-14 analysis of groundwater down to the millilitre level. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 573-576.	1.4	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.	1.4	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.	7.1	213
131	Soil acidity affects fine root turnover of European beech. Plant Biosystems, 2013, 147, 50-59.	1.6	21
132	Age Determination of Pearls: A New Approach for Pearl Testing and Identification. Radiocarbon, 2013, 55, 1801-1809.	1.8	8
133	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. Radiocarbon, 2013, 55, 1923-1945.	1.8	134
134	Status Report of the New AMS $^{14}\text{C}$ Sample Preparation Lab of the Hertelendi Laboratory of Environmental Studies (Debrecen, Hungary). Radiocarbon, 2013, 55, 665-676.	1.8	122
135	Correlating the Ancient Maya and Modern European Calendars with High-Precision AMS $^{14}\text{C}$ Dating. Scientific Reports, 2013, 3, 1597.	3.3	21
136	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0–50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	1.8	9,487
137	Climatic impact of the Millennium eruption of Changbaishan volcano in China: New insights from high-precision radiocarbon wiggle-match dating. Geophysical Research Letters, 2013, 40, 54-59.	4.0	89
138	Age Determination of the Kawagodaira Volcanic Eruption in Japan by $^{14}\text{C}$ Wiggle-Matching. Radiocarbon, 2013, 55, .	1.8	2
139	Age Determination of Pearls: A New Approach for Pearl Testing and Identification. Radiocarbon, 2013, 55, .	1.8	1
140	Status Report of the New AMS $^{14}\text{C}$ Sample Preparation Lab of the Hertelendi Laboratory of Environmental Studies (Debrecen, Hungary). Radiocarbon, 2013, 55, .	1.8	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.	1.8	19
143	Combining an archaeomagnetic and radiocarbon study: dating of medieval fireplaces at the M $\ddot{u}$ hllegasse, Z $\ddot{u}$ rich. Journal of Archaeological Science, 2012, 39, 2153-2166.	2.4	15
144	Dating the Irrigation System of the Samarkand Oasis: A Geoarchaeological Study. Radiocarbon, 2012, 54, 91-105.	1.8	14

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145	Methodological Implications of New Radiocarbon Dates from the Early Holocene Site of K�rtik Tepe, Southeast Anatolia. Radiocarbon, 2012, 54, 291-304.	1.8	13
146	The AD 1717 rock avalanche deposits in the upper Ferret Valley (Italy): a dating approach with cosmogenic <sup>10</sup> Be. Journal of Quaternary Science, 2012, 27, 383-392.	2.1	69
147	Dating the Irrigation System of the Samarkand Oasis: A Geoarchaeological Study. Radiocarbon, 2012, 54, 91-105.	1.8	0
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