

# Rainer Grun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7834911/publications.pdf>

Version: 2024-02-01

221  
papers

13,751  
citations

17405

63  
h-index

26548

107  
g-index

234  
all docs

234  
docs citations

234  
times ranked

6062  
citing authors

#	ARTICLE	IF	CITATIONS
1	A large-scale environmental strontium isotope baseline map of Portugal for archaeological and paleoecological provenance studies. <i>Journal of Archaeological Science</i> , 2022, 142, 105595.	1.2	13
2	Geochemical provenancing and direct dating of the Harbin archaic human cranium. <i>Innovation(China)</i> , 2021, 2, 100131.	5.2	8
3	Massive cranium from Harbin in northeastern China establishes a new Middle Pleistocene human lineage. <i>Innovation(China)</i> , 2021, 2, 100130.	5.2	26
4	Direct U-series dating of the Apidima C human remains. <i>Words, Bones, Genes, Tools</i> , 2021, , 37-55.	0.0	0
5	A very personal, 35 years long journey in ESR dating. <i>Quaternary International</i> , 2020, 556, 20-37.	0.7	7
6	ESR and ESR/U-series chronology of the Middle Pleistocene site of Tourville-la-Rivière (Normandy, France). <i>Journal of Archaeological Science</i> , 2020, 139, 106447.	0.7	10
7	Last appearance of <i>Homo erectus</i> at Ngandong, Java, 117,000–108,000 years ago. <i>Nature</i> , 2020, 577, 381-385.	13.7	97
8	Cueva Negra del Estrecho del Río Quípar: a Dated Late Early Pleistocene Palaeolithic Site in Southeastern Spain. <i>Journal of Paleolithic Archaeology</i> , 2020, 3, 816-855.	0.7	17
9	ESR thermochronometry of Al and Ti centres in quartz: A case study of the Fergusons Hill-1 borehole from the Otway Basin, Australia. <i>Radiation Measurements</i> , 2020, 139, 106447.	0.7	5
10	Dating the skull from Broken Hill, Zambia, and its position in human evolution. <i>Nature</i> , 2020, 580, 372-375.	13.7	63
11	Bioavailable soil and rock strontium isotope data from Israel. <i>Earth System Science Data</i> , 2020, 12, 3641-3652.	3.7	7
12	Apidima Cave fossils provide earliest evidence of <i>Homo sapiens</i> in Eurasia. <i>Nature</i> , 2019, 571, 500-504.	13.7	188
13	Age estimates for hominin fossils and the onset of the Upper Palaeolithic at Denisova Cave. <i>Nature</i> , 2019, 565, 640-644.	13.7	137
14	Rocks, teeth, and tools: New insights into early Neanderthal mobility strategies in South-Eastern France from lithic reconstructions and strontium isotope analysis. <i>PLoS ONE</i> , 2019, 14, e0214925.	1.1	18
15	Back Cover Image. <i>Geoarchaeology - an International Journal</i> , 2019, 34, ii.	0.7	0
16	Who's been using my burial mound? Radiocarbon dating and isotopic tracing of human diet and mobility at the collective burial site, Le Tumulus des Sables, southwest France. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 955-966.	0.2	4
17	A strontium isoscape of north-east Australia for human provenance and repatriation. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 231-251.	0.7	28
18	A new species of <i>Homo</i> from the Late Pleistocene of the Philippines. <i>Nature</i> , 2019, 568, 181-186.	13.7	158

#	ARTICLE	IF	CITATIONS
19	A palaeontological perspective on the proposal to reintroduce Tasmanian devils to mainland Australia to suppress invasive predators. <i>Biological Conservation</i> , 2019, 232, 187-193.	1.9	6
20	A multi-method approach to dating the burial and skeleton of Kiacatoo Man, New South Wales, Australia. <i>Journal of Quaternary Science</i> , 2019, 34, 662-673.	1.1	3
21	Homo sapiens in Arabia by 85,000 years ago. <i>Nature Ecology and Evolution</i> , 2018, 2, 800-809.	3.4	143
22	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	6.0	373
23	Mapping of bioavailable strontium isotope ratios in France for archaeological provenance studies. <i>Applied Geochemistry</i> , 2018, 90, 75-86.	1.4	109
24	The first direct ESR dating of a hominin tooth from Atapuerca Gran Dolina TD-6 (Spain) supports the antiquity of Homo antecessor. <i>Quaternary Geochronology</i> , 2018, 47, 120-137.	0.6	48
25	Fish otolith microchemistry: Snapshots of lake conditions during early human occupation of Lake Mungo, Australia. <i>Quaternary International</i> , 2018, 463, 29-43.	0.7	8
26	Response to Comment on "The earliest modern humans outside Africa". <i>Science</i> , 2018, 362, .	6.0	8
27	Wintertime stress, nursing, and lead exposure in Neanderthal children. <i>Science Advances</i> , 2018, 4, eaau9483.	4.7	63
28	A reassessment of the early archaeological record at Leang Burung 2, a Late Pleistocene rock-shelter site on the Indonesian island of Sulawesi. <i>PLoS ONE</i> , 2018, 13, e0193025.	1.1	27
29	2D modelling: A Monte Carlo approach for assessing heterogeneous beta dose rate in luminescence and ESR dating: Paper I, theory and verification. <i>Quaternary Geochronology</i> , 2018, 48, 25-37.	0.6	8
30	2D modelling: A Monte Carlo approach for assessing heterogeneous beta dose rates in luminescence and ESR dating: Paper II, application to igneous rocks. <i>Quaternary Geochronology</i> , 2018, 48, 195-206.	0.6	9
31	The chronology and environmental context of a cave deposit and associated faunal assemblage including megafauna teeth near Wee Jasper, southeastern Australia. <i>Holocene</i> , 2018, 28, 1467-1482.	0.9	5
32	At least 17,000 years of coexistence: Modern humans and megafauna at the Willandra Lakes, South-Eastern Australia. <i>Quaternary Science Reviews</i> , 2017, 157, 206-211.	1.4	22
33	The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age. <i>Nature</i> , 2017, 546, 293-296.	13.7	371
34	U-series dating and classification of the Apidima 2 hominin from Mani Peninsula, Southern Greece. <i>Journal of Human Evolution</i> , 2017, 109, 22-29.	1.3	20
35	Early human symbolic behavior in the Late Pleistocene of Wallacea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4105-4110.	3.3	45
36	Uranium uptake history, open-system behaviour and uranium-series ages of fossil <i>Tridacna gigas</i> from Huon Peninsula, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 475-501.	1.6	14

#	ARTICLE	IF	CITATIONS
37	The age of Homo naledi and associated sediments in the Rising Star Cave, South Africa. <i>ELife</i> , 2017, 6, .	2.8	214
38	The Acheulian and Early Middle Paleolithic in Latium (Italy): Stability and Innovation. <i>PLoS ONE</i> , 2016, 11, e0160516.	1.1	45
39	Revised stratigraphy and chronology for Homo floresiensis at Liang Bua in Indonesia. <i>Nature</i> , 2016, 532, 366-369.	13.7	252
40	Middle Pleistocene vertebrate fossils from the Nefud Desert, Saudi Arabia: Implications for biogeography and palaeoecology. <i>Quaternary Science Reviews</i> , 2016, 143, 13-36.	1.4	35
41	Improvement of laser ablation in situ micro-analysis to identify diagenetic alteration and measure strontium isotope ratios in fossil human teeth. <i>Journal of Archaeological Science</i> , 2016, 70, 102-116.	1.2	71
42	A comprehensive chronology of the Neanderthal site Moula-Guercy, Ardèche, France. <i>Journal of Archaeological Science: Reports</i> , 2016, 9, 309-319.	0.2	4
43	Age and context of the oldest known hominin fossils from Flores. <i>Nature</i> , 2016, 534, 249-253.	13.7	88
44	The timing and cause of megafauna mass deaths at Lancefield Swamp, south-eastern Australia. <i>Quaternary Science Reviews</i> , 2016, 145, 161-182.	1.4	13
45	Inter-group violence among early Holocene hunter-gatherers of West Turkana, Kenya. <i>Nature</i> , 2016, 529, 394-398.	13.7	181
46	Earliest hominin occupation of Sulawesi, Indonesia. <i>Nature</i> , 2016, 529, 208-211.	13.7	122
47	Direct U-series analysis of the Lezetxiki humerus reveals a Middle Pleistocene age for human remains in the Basque Country (northern Iberia). <i>Journal of Human Evolution</i> , 2016, 93, 109-119.	1.3	7
48	Are published ESR dose assessments on fossil tooth enamel reliable?. <i>Quaternary Geochronology</i> , 2016, 31, 19-27.	0.6	50
49	Appendix: Dating Methods Applied to Azokh Cave Sites. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 321-339.	0.1	1
50	Mammoth and musk ox ESR-dated to the Early Midlandian at Aghnadarragh, County Antrim, Northern Ireland, and the age of the Fermanagh Stadial. <i>Geological Journal</i> , 2015, 50, 306-320.	0.6	8
51	Revisiting the ESR chronology of the Early Pleistocene hominin occupation at Vallparadís (Barcelona, Spain). <i>Journal of Archaeological Science</i> , 2015, 62, 43-53.	0.7	43
52	The first archaic Homo from Taiwan. <i>Nature Communications</i> , 2015, 6, 6037.	5.8	65
53	The mathematical basis for the US-ESR dating method. <i>Quaternary Geochronology</i> , 2015, 30, 1-8.	0.6	21
54	Middle Pleistocene Human Remains from Tourville-la-Rivière (Normandy, France) and Their Archaeological Context. <i>PLoS ONE</i> , 2014, 9, e104111.	1.1	16

#	ARTICLE	IF	CITATIONS
55	The chronostratigraphy of the Haua Fteah cave (Cyrenaica, northeast Libya). <i>Journal of Human Evolution</i> , 2014, 66, 39-63.	1.3	118
56	Laser ablation U-series analysis of fossil bones and teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 150-167.	1.0	93
57	Aspartic acid racemization as a dating tool for dentine: A reality. <i>Quaternary Geochronology</i> , 2014, 22, 43-56.	0.6	27
58	Fish otolith geochemistry, environmental conditions and human occupation at Lake Mungo, Australia. <i>Quaternary Science Reviews</i> , 2014, 88, 82-95.	1.4	33
59	The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France. <i>Earth System Science Data</i> , 2014, 6, 117-122.	3.7	60
60	Laser ablation depth profiling of U-series and Sr isotopes in human fossils. <i>Journal of Archaeological Science</i> , 2013, 40, 2991-3000.	1.2	30
61	U-series and radiocarbon analyses of human and faunal remains from Wajak, Indonesia. <i>Journal of Human Evolution</i> , 2013, 64, 356-365.	1.3	79
62	ESR dosimetry of fossil enamel: some comments about measurement precision, long-term signal fading and dose-response curve fitting. <i>Radiation Protection Dosimetry</i> , 2013, 157, 463-476.	0.4	15
63	U-series dating of bone in an open system: The diffusion-adsorption-decay model. <i>Quaternary Geochronology</i> , 2012, 9, 42-53.	0.6	49
64	Ionization efficiencies of alanine dosimeters and tooth enamel irradiated by gamma and X-ray sources. <i>Radiation Measurements</i> , 2012, 47, 665-668.	0.7	11
65	In situ oxygen isotope micro-analysis of faunal material and human teeth using a SHRIMP II: a new tool for palaeo-ecology and archaeology. <i>Journal of Archaeological Science</i> , 2012, 39, 3184-3194.	1.2	42
66	First hominine remains from a ~1.0 million year old bone bed at Cornelia-Uitzoek, Free State Province, South Africa. <i>Journal of Human Evolution</i> , 2012, 63, 527-535.	1.3	69
67	Confirmation of a late middle Pleistocene age for the Omo Kibish 1 cranium by direct uranium-series dating. <i>Journal of Human Evolution</i> , 2012, 63, 704-710.	1.3	39
68	On the limits of using combined U-series/ESR method to date fossil teeth from two Early Pleistocene archaeological sites of the Orce area (Guadix-Baza basin, Spain). <i>Quaternary Research</i> , 2012, 77, 482-491.	1.0	98
69	ESR response in tooth enamel to high-resolution CT scanning. <i>Archaeological and Anthropological Sciences</i> , 2012, 4, 25-28.	0.7	13
70	A diverse Pleistocene marsupial trackway assemblage from the Victorian Volcanic Plains, Australia. <i>Quaternary Science Reviews</i> , 2011, 30, 591-610.	1.4	15
71	A comprehensive model for CO <sub>2</sub> radicals in fossil tooth enamel: Implications for ESR dating. <i>Quaternary Geochronology</i> , 2011, 6, 82-97.	0.6	52
72	High resolution LA-ICP-MS mapping of U and Th isotopes in an early Pleistocene equid tooth from Fuente Nueva-3 (Orce, Andalusia, Spain). <i>Quaternary Geochronology</i> , 2011, 6, 458-467.	0.6	61

#	ARTICLE	IF	CITATIONS
73	The Age of the 20 Meter Solo River Terrace, Java, Indonesia and the Survival of Homo erectus in Asia. PLoS ONE, 2011, 6, e21562.	1.1	99
74	NEW CHRONOLOGICAL EVIDENCE FOR THE MIDDLE TO UPPER PALAEOLITHIC TRANSITION IN THE CZECH REPUBLIC AND SLOVAKIA: NEW OPTICALLY STIMULATED LUMINESCENCE DATING RESULTS. Archaeometry, 2011, 53, 1044-1066.	0.6	28
75	Stratigraphy and chronology of the WLH 50 human remains, Willandra Lakes World Heritage Area, Australia. Journal of Human Evolution, 2011, 60, 597-604.	1.3	13
76	Fluvio-mechanical resetting of the Al and Ti centres in quartz. Radiation Measurements, 2011, 46, 1038-1042.	0.7	18
77	The challenge of dating early pleistocene fossil teeth by the combined uranium seriesâ€“electron spin resonance method: the Venta Micena palaeontological site (Orce, Spain). Journal of Quaternary Science, 2011, 26, 603-615.	1.1	49
78	Decomposition of beta-ray induced ESR spectra of fossil tooth enamel. Radiation Physics and Chemistry, 2011, 80, 335-342.	1.4	9
79	The Later Stone Age Calvaria from Iwo Eleru, Nigeria: Morphology and Chronology. PLoS ONE, 2011, 6, e24024.	1.1	107
80	DATING OF THE HOMINID (<i>HOMO NEANDERTHALENSIS</i>) REMAINS ACCUMULATION FROM EL SIDRÃ“N CAVE (PILOÃ“A, ASTURIAS, NORTH SPAIN): AN EXAMPLE OF A MULTIâ€“METHODODOLOGICAL APPROACH TO THE DATING OF UPPER PLEISTOCENE SITES. Archaeometry, 2010, 52, 680-705.	0.6	17
81	New evidence for a 67,000-year-old human presence at Callao Cave, Luzon, Philippines. Journal of Human Evolution, 2010, 59, 123-132.	1.3	219
82	Decomposition of the angular ESR spectra of fossil tooth enamel fragments. Radiation Measurements, 2010, 45, 887-898.	0.7	12
83	Decomposition of the laboratory gamma irradiation component of angular ESR spectra of fossil tooth enamel fragments. Applied Radiation and Isotopes, 2010, 68, 1798-1808.	0.7	18
84	Early human northerners. Nature, 2010, 466, 189-190.	13.7	24
85	New radiometric ages for the Fauresmith industry from Kathu Pan, southern Africa: Implications for the Earlier to Middle Stone Age transition. Journal of Archaeological Science, 2010, 37, 269-283.	1.2	140
86	The archaeology and paleoenvironment of an Upper Pleistocene hyena den: An integrated approach. Journal of Archaeological Science, 2010, 37, 919-935.	1.2	50
87	Overdone overkill â€“ the archaeological perspective on Tasmanian megafaunal extinctions. Journal of Archaeological Science, 2010, 37, 2486-2503.	1.2	38
88	The challenge of direct dating old human fossils. Quaternary International, 2010, 223-224, 87-93.	0.7	47
89	Hominid Cave at Thomas Quarry I (Casablanca, Morocco): Recent findings and their context. Quaternary International, 2010, 223-224, 369-382.	0.7	40
90	ESR and U-series analyses of faunal material from Cuddie Springs, NSW, Australia: implications for the timing of the extinction of the Australian megafauna. Quaternary Science Reviews, 2010, 29, 596-610.	1.4	62

#	ARTICLE	IF	CITATIONS
91	A Dedication to Professor Ann Grace Wintle. <i>Quaternary Geochronology</i> , 2010, 5, 84-85.	0.6	0
92	Thermal behavior of orientated and non-orientated CO <sub>2</sub> <sup>•-</sup> radicals in tooth enamel. <i>Radiation Measurements</i> , 2009, 44, 505-511.	0.7	17
93	The relevance of parametric U-uptake models in ESR age calculations. <i>Radiation Measurements</i> , 2009, 44, 472-476.	0.7	51
94	ESR dating of Lower Pleistocene fossil teeth: Limits of the single saturating exponential (SSE) function for the equivalent dose determination. <i>Radiation Measurements</i> , 2009, 44, 477-482.	0.7	72
95	The DATA program for the calculation of ESR age estimates on tooth enamel. <i>Quaternary Geochronology</i> , 2009, 4, 231-232.	0.6	102
96	Gamma-ray spectrometric dating of late <i>Homo erectus</i> skulls from Ngandong and Sambungmacan, Central Java, Indonesia. <i>Journal of Human Evolution</i> , 2008, 55, 274-277.	1.3	70
97	ELECTRON SPIN RESONANCE DATING. , 2008, , 1120-1128.		2
98	Stable-isotope microprofiling of wombat tooth enamel records seasonal changes in vegetation and environmental conditions in eastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 269, 66-77.	1.0	33
99	High resolution analysis of uranium and thorium concentration as well as U-series isotope distributions in a Neanderthal tooth from Payre (Ardèche, France) using laser ablation ICP-MS. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5278-5290.	1.6	76
100	Two types of CO <sub>2</sub> <sup>•-</sup> radicals threaten the fundamentals of ESR dating of tooth enamel. <i>Quaternary Geochronology</i> , 2008, 3, 150-172.	0.6	51
101	Title is missing!. <i>Quaternary Geochronology</i> , 2008, 3, 173.	0.6	0
102	Age constraints on Pleistocene megafauna at Tight Entrance Cave in southwestern Australia. <i>Quaternary Science Reviews</i> , 2008, 27, 1784-1788.	1.4	20
103	Ages for the Middle Stone Age of Southern Africa: Implications for Human Behavior and Dispersal. <i>Science</i> , 2008, 322, 733-735.	6.0	461
104	Electron spin resonance dating of South Australian megafauna sites. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 917-935.	0.4	26
105	Motoji Ikeya (1940-2006). <i>Quaternary Geochronology</i> , 2007, 2, 2-3.	0.6	0
106	Title is missing!. <i>Quaternary Geochronology</i> , 2007, 2, 1.	0.6	2
107	Earliest evidence of modern human life history in North African early <i>Homo sapiens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6128-6133.	3.3	326
108	Hominid exploitation of the environment and cave bear populations. The case of <i>Ursus spelaeus</i> Rosenmüller-Heinroth in Amutxate cave (Aralar, Navarra-Spain). <i>Journal of Human Evolution</i> , 2007, 52, 1-15.	1.3	27

#	ARTICLE	IF	CITATIONS
109	Stratigraphy, U-Th chronology, and paleoenvironments at Gladysvale Cave: insights into the climatic control of South African hominin-bearing cave deposits. <i>Journal of Human Evolution</i> , 2007, 53, 602-619.	1.3	86
110	A cautionary tale from down under: Dating the BlackCreek Swamp megafauna site on Kangaroo Island, South Australia. <i>Quaternary Geochronology</i> , 2006, 1, 142-150.	0.6	21
111	Late Pleistocene megafauna site at Black Creek Swamp, Flinders Chase National Park, Kangaroo Island, South Australia. <i>Alcheringa</i> , 2006, 30, 367-387.	0.5	7
112	Dating of chemical weathering processes by in situ measurement of U-series disequilibria in supergene Fe-oxy/hydroxides using LA-MC-ICPMS. <i>Chemical Geology</i> , 2006, 235, 76-94.	1.4	24
113	A simple method for the rapid assessment of the qualitative ESR response of fossil samples to laboratory irradiation. <i>Radiation Measurements</i> , 2006, 41, 682-689.	0.7	11
114	ESR and U-series analyses of enamel and dentine fragments of the Banyoles mandible. <i>Journal of Human Evolution</i> , 2006, 50, 347-358.	1.3	49
115	Direct dating of human fossils. <i>American Journal of Physical Anthropology</i> , 2006, 131, 2-48.	2.1	116
116	Electron spin resonance dating in paleoanthropology. <i>Evolutionary Anthropology</i> , 2005, 2, 172-181.	1.7	11
117	Newly recognized Pleistocene human teeth from Tabun Cave, Israel. <i>Journal of Human Evolution</i> , 2005, 49, 301-315.	1.3	45
118	U-series and ESR analyses of bones and teeth relating to the human burials from Skhul. <i>Journal of Human Evolution</i> , 2005, 49, 316-334.	1.3	282
119	U-series dating of the Late Pleistocene mammalian fauna from Wood Quarry (Steetley), Nottinghamshire, UK. <i>Journal of Quaternary Science</i> , 2005, 20, 59-65.	1.1	25
120	In situ U-series dating by laser-ablation multi-collector ICPMS: new prospects for Quaternary geochronology. <i>Quaternary Science Reviews</i> , 2005, 24, 2523-2538.	1.4	257
121	On the age of Border Cave 5 human mandible. <i>Journal of Human Evolution</i> , 2003, 45, 155-167.	1.3	94
122	The onset of dune formation in the Strzelecki Desert, South Australia. <i>Quaternary Science Reviews</i> , 2003, 22, 1067-1076.	1.4	51
123	<sup>238</sup> U, <sup>232</sup> Th profiling and U-series isotope analysis of fossil teeth by laser ablation-ICPMS. <i>Quaternary Science Reviews</i> , 2003, 22, 1373-1382.	1.4	114
124	ESR dose estimation on fossil tooth enamel by fitting the natural spectrum into the irradiated spectra. <i>Radiation Measurements</i> , 2002, 35, 87-93.	0.7	36
125	A long-term fading study for ESR intensity measurement and dose evaluation on fossil tooth enamel. <i>Radiation Measurements</i> , 2002, 35, 269-274.	0.7	13
126	ESR dating applications in archaeology and earth sciences. , 2002, , 613.		0



#	ARTICLE	IF	CITATIONS
127	Direct ESR dating of a Pliocene hominin from Swartkrans. <i>Journal of Human Evolution</i> , 2001, 40, 379-391.	1.3	78
128	Border Cave revisited: a revised ESR chronology. <i>Journal of Human Evolution</i> , 2001, 40, 467-482.	1.3	170
129	Early Human Occupation at Devil's Lair, Southwestern Australia 50,000 Years Ago. <i>Quaternary Research</i> , 2001, 55, 3-13.	1.0	247
130	Dose determination on tooth enamel fragments from two human fossils. <i>Radiation Measurements</i> , 2000, 32, 773-779.	0.7	11
131	Methods of dose determination using ESR spectra of tooth enamel. <i>Radiation Measurements</i> , 2000, 32, 767-772.	0.7	57
132	EPR spectrum deconvolution and dose assessment of fossil tooth enamel using maximum likelihood common factor analysis. <i>Applied Radiation and Isotopes</i> , 2000, 52, 1317-1326.	0.7	38
133	Age of the Lake Mungo 3 skeleton, reply to Bowler & Magee and to Gillespie & Roberts. <i>Journal of Human Evolution</i> , 2000, 38, 733-741.	1.3	42
134	Tabun revisited: revised ESR chronology and new ESR and U-series analyses of dental material from Tabun C1. <i>Journal of Human Evolution</i> , 2000, 39, 601-612.	1.3	189
135	The Cyrenaican Prehistory Project 2008: the second season of investigations of the Haula Fteah cave and its landscape, and further results from the initial (2007) fieldwork. <i>Libyan Studies</i> , 2000, 39, 175-221.	0.1	48
136	Revised open system U-series/ESR age calculations for teeth from Stratum C at the Hoxnian Interglacial type locality, England. <i>Quaternary Science Reviews</i> , 2000, 19, 1151-1154.	1.4	67
137	Dating beyond the radiocarbon barrier using U-series isotopes and trapped charges. , 2000, , 472-493.		2
138	Australia's oldest human remains: age of the Lake Mungo 3 skeleton. <i>Journal of Human Evolution</i> , 1999, 36, 591-612.	1.3	339
139	A new method for the estimation of cooling and denudation rates using paramagnetic centers in quartz: A case study on the Eldzhurtinskiy Granite, Caucasus. <i>Journal of Geophysical Research</i> , 1999, 104, 17531-17549.	3.3	55
140	Detailed Mass Spectrometric U-series Analyses of Two Teeth from the Archaeological Site of Pech de l'Aze II: Implications for Uranium Migration and Dating. <i>Journal of Archaeological Science</i> , 1999, 26, 1301-1310.	1.2	26
141	ESR and U-series analyses of teeth from the palaeoanthropological site of Hexian, Anhui Province, China. <i>Journal of Human Evolution</i> , 1998, 34, 555-564.	1.3	78
142	Radiometric dating of the Middle Palaeolithic tool industry and associated fauna of Pin Hole Cave, Creswell Crags, England. <i>Journal of Quaternary Science</i> , 1998, 13, 29-42.	1.1	37
143	Reproducibility measurements for ESR signal intensity and dose determination: high precision but doubtful accuracy. <i>Radiation Measurements</i> , 1998, 29, 177-193.	0.7	24
144	Non-destructive gamma spectrometric U-series dating. <i>Quaternary Science Reviews</i> , 1998, 17, 1009-1022.	1.4	53

#	ARTICLE	IF	CITATIONS
145	Age of the Lancefield megafauna: A reappraisal. Australian Archaeology, 1998, 46, 5-11.	0.3	20
146	Electron Spin Resonance Dating. , 1997, , 217-260.		22
147	Dating the Ngandong Humans. Science, 1997, 276, 1575-1576.	6.0	47
148	AMS 14C analysis of teeth from archaeological sites showing anomalous esr dating results. Quaternary Science Reviews, 1997, 16, 437-444.	1.4	16
149	Investigation of the potential use of esr signals in quartz for palaeothermometry. Quaternary Science Reviews, 1997, 16, 495-499.	1.4	8
150	Observations on the micro-texture and esr spectra of quartz from fault gouge. Quaternary Science Reviews, 1997, 16, 487-493.	1.4	6
151	Multidating studies of Batadomba Cave, Sri Lanka. Quaternary Science Reviews, 1997, 16, 243-255.	1.4	19
152	ESR analysis of teeth from the palaeoanthropological site of Zhoukoudian, China. Journal of Human Evolution, 1997, 32, 83-91.	1.3	63
153	Q-band ESR studies of fossil tooth enamel: Implications for spectrum deconvolution and dating. Radiation Measurements, 1997, 27, 49-58.	0.7	19
154	Pulsed ESR measurements on fossil teeth. Radiation Measurements, 1997, 27, 425-431.	0.7	12
155	ESR microscopy of fossil teeth. Radiation Measurements, 1997, 27, 331-337.	0.7	15
156	The quaternary coral reef tracts of hateruma, Ryukyu Islands, Japan. Quaternary International, 1996, 31, 61-70.	0.7	8
157	Dated co-occurrence of Homo erectus and Gigantopithecus from Tham Khuyen Cave, Vietnam.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3016-3020.	3.3	99
158	A re-analysis of electron spin resonance dating results associated with the Petralona hominid. Journal of Human Evolution, 1996, 30, 227-241.	1.3	70
159	New Late-Pleistocene uranium-thorium and ESR dates for the Singa hominid (Sudan). Journal of Human Evolution, 1996, 31, 507-516.	1.3	107
160	Errors in dose assessment introduced by the use of the "linear part" of a saturating dose response curve. Radiation Measurements, 1996, 26, 297-302.	0.7	33
161	Plateau tests and spectrum deconvolution for ESR dose determination in tooth enamel. Radiation Measurements, 1996, 26, 621-629.	0.7	12
162	Direct dating of Florisbad hominid. Nature, 1996, 382, 500-501.	13.7	238

#	ARTICLE	IF	CITATIONS
163	Coygan Cave, Laugharne, South Wales, a Mousterian Site and Hyaena Den: a Report on the University of Cambridge Excavations. Proceedings of the Prehistoric Society, London, 1995, 61, 37-79.	0.2	21
164	Thermoluminescence from igneous and natural hydrothermal vein quartz: Dose response after optical bleaching. Radiation Measurements, 1994, 23, 159-173.	0.7	10
165	The kinetics of TL peaks and its effect on the dose versus temperature plot. Radiation Measurements, 1994, 23, 175-194.	0.7	17
166	The assessment of errors in past radiation doses extrapolated from ESR/TL dose-response data. Radiation Measurements, 1994, 23, 307-315.	0.7	92
167	Observations on the kinetics involved in the TL glow curves in quartz, K-feldspar and Na-feldspar mineral separates of sediments and their significance for dating studies. Radiation Measurements, 1994, 23, 317-322.	0.7	15
168	ESR dating studies of the australopithecine site of Sterkfontein, South Africa. Journal of Human Evolution, 1994, 26, 175-181.	1.3	73
169	Open system modelling for U-series and ESR dating of teeth. Quaternary Science Reviews, 1994, 13, 121-125.	1.4	61
170	Towards portable radiocarbon dating. Quaternary Science Reviews, 1994, 13, 179-181.	1.4	2
171	ESR Dating of the Last Interglacial Mousterian at KaraÄ±n Cave, Southern Turkey. Journal of Archaeological Science, 1994, 21, 839-849.	1.2	32
172	Second interlaboratory-comparison project on ESR dating. Applied Radiation and Isotopes, 1993, 44, 119-129.	0.7	17
173	Mass-spectrometric U-series dates for Israeli Neanderthal/early modern hominid sites. Nature, 1993, 363, 252-255.	13.7	161
174	Dating hominid remains. Nature, 1993, 366, 415-415.	13.7	1
175	Electron Spin Resonance (ESR) Dating of the Origin of Modern Man. , 1993, , 40-48.		4
176	Remarks on ESR dating of fault movements. Journal of the Geological Society, 1992, 149, 261-264.	0.9	16
177	ESR and U-series analyses on corals from Huon Peninsula, New Guinea. Quaternary Science Reviews, 1992, 11, 197-202.	1.4	37
178	TL analysis of loess samples from achenheim. Quaternary Science Reviews, 1992, 11, 103-107.	1.4	14
179	Science-based dating in archaeology. Journal of Archaeological Science, 1992, 19, 472-473.	1.2	0
180	Electron spin resonance (ESR) dating of the origin of modern man. Philosophical Transactions of the Royal Society B: Biological Sciences, 1992, 337, 145-148.	1.8	16

#	ARTICLE	IF	CITATIONS
181	Thermoluminescence Dating of the Middle Pleistocene Raised Beach of Sangatte (Northern France). <i>Quaternary Research</i> , 1992, 37, 390-396.	1.0	30
182	ELECTRON SPIN RESONANCE DATING AND THE EVOLUTION OF MODERN HUMANS. <i>Archaeometry</i> , 1991, 33, 153-199.	0.6	331
183	On the Reexamination of Grotta Guattari: Uranium-Series and Electron-Spin-Resonance Dates. <i>Current Anthropology</i> , 1991, 32, 313-316.	0.8	47
184	ESR chronology of a 100,000- $\frac{1}{2}$ year archaeological sequence at Pech de l'Az $\ddot{a}$ II, France. <i>Antiquity</i> , 1991, 65, 544-551.	0.5	31
185	A Comparison of the Electron Spin Resonance and Thermoluminescence Dating Methods: The Results of ESR Dating at Le Moustier (France). <i>Cambridge Archaeological Journal</i> , 1991, 1, 269-276.	0.6	40
186	Potential and problems of ESR dating. <i>International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements</i> , 1991, 18, 143-153.	0.6	52
187	ESR dating of teeth from Garrod's Tabun cave collection. <i>Journal of Human Evolution</i> , 1991, 20, 231-248.	1.3	97
188	Time for the last Neanderthals. <i>Nature</i> , 1991, 351, 701-702.	13.7	22
189	ESR dating evidence for early modern humans at Border Cave in South Africa. <i>Nature</i> , 1990, 344, 537-539.	13.7	112
190	Stratigraphy and thermoluminescence dating of Late Glacial cover sand in Denmark. <i>Journal of Quaternary Science</i> , 1990, 5, 207-224.	1.1	35
191	Electron-Spin-Resonance Dating of Tooth Enamel From Klasies River Mouth Cave. <i>Current Anthropology</i> , 1990, 31, 427-432.	0.8	63
192	Present status of ESR-dating. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1989, 40, 1045-1055.	0.5	41
193	Non-linear fitting of TL/ESR dose-response curves. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1989, 40, 1077-1080.	0.5	68
194	ESR dating for the early Earth. <i>Nature</i> , 1989, 338, 543-544.	13.7	22
195	ESR dates for the hominid burial site of Es Skhul in Israel. <i>Nature</i> , 1989, 338, 756-758.	13.7	220
196	ESR dating of the Neanderthal site, Kebara Cave, Israel. <i>Journal of Archaeological Science</i> , 1989, 16, 653-659.	1.2	80
197	ESR dating of tooth enamel from prehistoric archaeological sites. <i>Applied Geochemistry</i> , 1989, 4, 329-330.	1.4	1
198	Electron spin resonance (ESR) dating. <i>Quaternary International</i> , 1989, 1, 65-109.	0.7	312

#	ARTICLE	IF	CITATIONS
199	ESR dating of tooth enamel: Coupled correction for U-uptake and U-series disequilibrium. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1988, 14, 237-241.	0.6	252
200	ESR dates for the hominid burial site of Qafzeh in Israel. Journal of Human Evolution, 1988, 17, 733-737.	1.3	230
201	Electron Spin Resonance Dating of the Pleistocene Coral Reef Tracts of Barbados. Quaternary Research, 1988, 29, 197-215.	1.0	62
202	Comment on M. Sarnthein, H. E. Stremme, and A. Mangini, "The holstein Interglaciation: Time-Stratigraphic Position and Correlation to Stable-Isotope Stratigraphy of Deep-Sea Sediments" Quaternary Research, 1988, 29, 75-79.	1.0	15
203	THE BILZINGSLEBEN ARCHAEOLOGICAL SITE: NEW DATING EVIDENCE. Archaeometry, 1988, 30, 5-17.	0.6	83
204	ESR dating of fault gouge: The effect of grain size. Quaternary Science Reviews, 1988, 7, 515-522.	1.4	81
205	ESR dating of Pleistocene fossil teeth from Alberta and Saskatchewan. Canadian Journal of Earth Sciences, 1988, 25, 235-245.	0.6	16
206	ESR dating of spring deposited travertines. Quaternary Science Reviews, 1988, 7, 429-432.	1.4	37
207	ESR dating of corals. Quaternary Science Reviews, 1988, 7, 465-470.	1.4	50
208	Zur Anreicherung von Schwermetallen in BÄrden und Kulturpflanzen durch praktische KlÄrschlammDÄngung. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1988, 151, 307-310.	0.4	6
209	Electron spin resonance dating of tooth enamel. Canadian Journal of Earth Sciences, 1987, 24, 1022-1037.	0.6	89
210	Discussion Comments on Multiple Dating of a Long Flowstone Profile. Radiocarbon, 1987, 29, 148-152.	0.8	4
211	Uranium accumulation in teeth and its effect on ESR dating" A detailed study of a mammoth tooth. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1985, 10, 869-877.	0.3	16
212	ESR dating of marine fossil shells. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1985, 10, 879-884.	0.3	16
213	ESR dating of circumarctic molluscs. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1985, 10, 885-890.	0.3	5
214	The first inter-laboratory ESR comparison project phase II: Evaluation of equivalent doses (ED) of calcites. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1985, 10, 945-952.	0.3	3
215	Description and ESR dating of the Holsteinian interglaciation. Quaternary Science Reviews, 1985, 4, 319-331.	1.4	41
216	ESR-dating: Problems encountered in the evaluation of the naturally accumulated dose /AD/ of secondary carbonates. Journal of Radioanalytical and Nuclear Chemistry, 1984, 85, 213-226.	0.7	39

#	ARTICLE	IF	CITATIONS
217	Possibility of ESR-dating without determination of the annual dose. Journal of Radioanalytical and Nuclear Chemistry, 1984, 86, 399-409.	0.7	20
218	Reply to Gordon and Smart on "Speleothems, Travertines, and Paleoclimates. Quaternary Research, 1984, 22, 148-149.	1.0	1
219	Speleothems, Travertines, and Paleoclimates. Quaternary Research, 1983, 20, 1-29.	1.0	115
220	ESR dating in quaternary geology. Quaternary Science Reviews, 1983, 2, 157-238.	1.4	174
221	<sup>230</sup> Th/ <sup>234</sup> U-Daten mittel- und jungpleistozÄner Travertine im Raum Stuttgart. Jahresbericht Und Mitteilungen Des Oberrheinischen Geologischen Vereins, 1982, 64, 201-211.	0.1	12