

Rainer Grun

List of Publications by Year in descending order

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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	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
2	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	6.0	373
3	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
4	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
5	ELECTRON SPIN RESONANCE DATING AND THE EVOLUTION OF MODERN HUMANS. <i>Archaeometry</i> , 1991, 33, 153-199.	0.6	331
6	Earliest evidence of modern human life history in North African early Homo sapiens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6128-6133.	3.3	326
7	Electron spin resonance (ESR) dating. <i>Quaternary International</i> , 1989, 1, 65-109.	0.7	312
8	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
9	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
10	ESR dating of tooth enamel: Coupled correction for U-uptake and U-series disequilibrium. <i>International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements</i> , 1988, 14, 237-241.	0.6	252
11	Revised stratigraphy and chronology for Homo floresiensis at Liang Bua in Indonesia. <i>Nature</i> , 2016, 532, 366-369.	13.7	252
12	Early Human Occupation at Devil's Lair, Southwestern Australia 50,000 Years Ago. <i>Quaternary Research</i> , 2001, 55, 3-13.	1.0	247
13	Direct dating of Florisbad hominid. <i>Nature</i> , 1996, 382, 500-501.	13.7	238
14	ESR dates for the hominid burial site of Qafzeh in Israel. <i>Journal of Human Evolution</i> , 1988, 17, 733-737.	1.3	230
15	ESR dates for the hominid burial site of Es Skhul in Israel. <i>Nature</i> , 1989, 338, 756-758.	13.7	220
16	New evidence for a 67,000-year-old human presence at Callao Cave, Luzon, Philippines. <i>Journal of Human Evolution</i> , 2010, 59, 123-132.	1.3	219
17	The age of Homo naledi and associated sediments in the Rising Star Cave, South Africa. <i>ELife</i> , 2017, 6, .	2.8	214
18	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

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19	Apidima Cave fossils provide earliest evidence of Homo sapiens in Eurasia. <i>Nature</i> , 2019, 571, 500-504.	13.7	188
20	Inter-group violence among early Holocene hunter-gatherers of West Turkana, Kenya. <i>Nature</i> , 2016, 529, 394-398.	13.7	181
21	ESR dating in quaternary geology. <i>Quaternary Science Reviews</i> , 1983, 2, 157-238.	1.4	174
22	Border Cave revisited: a revised ESR chronology. <i>Journal of Human Evolution</i> , 2001, 40, 467-482.	1.3	170
23	Mass-spectrometric U-series dates for Israeli Neanderthal/early modern hominid sites. <i>Nature</i> , 1993, 363, 252-255.	13.7	161
24	A new species of Homo from the Late Pleistocene of the Philippines. <i>Nature</i> , 2019, 568, 181-186.	13.7	158
25	Homo sapiens in Arabia by 85,000 years ago. <i>Nature Ecology and Evolution</i> , 2018, 2, 800-809.	3.4	143
26	New radiometric ages for the Fauresmith industry from Kathu Pan, southern Africa: Implications for the Earlier to Middle Stone Age transition. <i>Journal of Archaeological Science</i> , 2010, 37, 269-283.	1.2	140
27	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
28	Earliest hominin occupation of Sulawesi, Indonesia. <i>Nature</i> , 2016, 529, 208-211.	13.7	122
29	The chronostratigraphy of the Haua Fteah cave (Cyrenaica, northeast Libya). <i>Journal of Human Evolution</i> , 2014, 66, 39-63.	1.3	118
30	Direct dating of human fossils. <i>American Journal of Physical Anthropology</i> , 2006, 131, 2-48.	2.1	116
31	Speleothems, Travertines, and Paleoclimates. <i>Quaternary Research</i> , 1983, 20, 1-29.	1.0	115
32	²³⁸ U, ²³² 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
33	ESR dating evidence for early modern humans at Border Cave in South Africa. <i>Nature</i> , 1990, 344, 537-539.	13.7	112
34	Mapping of bioavailable strontium isotope ratios in France for archaeological provenance studies. <i>Applied Geochemistry</i> , 2018, 90, 75-86.	1.4	109
35	New Late-Pleistocene uranium- ²³⁴ thorium and ESR dates for the Singa hominid (Sudan). <i>Journal of Human Evolution</i> , 1996, 31, 507-516.	1.3	107
36	The Later Stone Age Calvaria from Iwo Eleru, Nigeria: Morphology and Chronology. <i>PLoS ONE</i> , 2011, 6, e24024.	1.1	107

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37	The DATA program for the calculation of ESR age estimates on tooth enamel. <i>Quaternary Geochronology</i> , 2009, 4, 231-232.	0.6	102
38	Dated co-occurrence of <i>Homo erectus</i> and <i>Gigantopithecus</i> from Tham Khuyen Cave, Vietnam.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 3016-3020.	3.3	99
39	The Age of the 20 Meter Solo River Terrace, Java, Indonesia and the Survival of <i>Homo erectus</i> in Asia. <i>PLoS ONE</i> , 2011, 6, e21562.	1.1	99
40	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
41	ESR dating of teeth from Garrod's Tabun cave collection. <i>Journal of Human Evolution</i> , 1991, 20, 231-248.	1.3	97
42	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
43	On the age of Border Cave 5 human mandible. <i>Journal of Human Evolution</i> , 2003, 45, 155-167.	1.3	94
44	Laser ablation U-series analysis of fossil bones and teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 150-167.	1.0	93
45	The assessment of errors in past radiation doses extrapolated from ESR/TL dose-response data. <i>Radiation Measurements</i> , 1994, 23, 307-315.	0.7	92
46	Electron spin resonance dating of tooth enamel. <i>Canadian Journal of Earth Sciences</i> , 1987, 24, 1022-1037.	0.6	89
47	Age and context of the oldest known hominin fossils from Flores. <i>Nature</i> , 2016, 534, 249-253.	13.7	88
48	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
49	THE BILZINGSLEBEN ARCHAEOLOGICAL SITE: NEW DATING EVIDENCE. <i>Archaeometry</i> , 1988, 30, 5-17.	0.6	83
50	ESR dating of fault gouge: The effect of grain size. <i>Quaternary Science Reviews</i> , 1988, 7, 515-522.	1.4	81
51	ESR dating of the Neanderthal site, Kebara Cave, Israel. <i>Journal of Archaeological Science</i> , 1989, 16, 653-659.	1.2	80
52	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
53	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
54	Direct ESR dating of a Pliocene hominin from Swartkrans. <i>Journal of Human Evolution</i> , 2001, 40, 379-391.	1.3	78

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55	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
56	ESR dating studies of the australopithecine site of Sterkfontein, South Africa. <i>Journal of Human Evolution</i> , 1994, 26, 175-181.	1.3	73
57	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
58	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
59	A re-analysis of electron spin resonance dating results associated with the Petralona hominid. <i>Journal of Human Evolution</i> , 1996, 30, 227-241.	1.3	70
60	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
61	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
62	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
63	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
64	The first archaic <i>Homo</i> from Taiwan. <i>Nature Communications</i> , 2015, 6, 6037.	5.8	65
65	ESR analysis of teeth from the palaeoanthropological site of Zhoukoudian, China. <i>Journal of Human Evolution</i> , 1997, 32, 83-91.	1.3	63
66	Wintertime stress, nursing, and lead exposure in Neanderthal children. <i>Science Advances</i> , 2018, 4, eaau9483.	4.7	63
67	Dating the skull from Broken Hill, Zambia, and its position in human evolution. <i>Nature</i> , 2020, 580, 372-375.	13.7	63
68	Electron-Spin-Resonance Dating of Tooth Enamel From Klasies River Mouth Cave. <i>Current Anthropology</i> , 1990, 31, 427-432.	0.8	63
69	Electron Spin Resonance Dating of the Pleistocene Coral Reef Tracts of Barbados. <i>Quaternary Research</i> , 1988, 29, 197-215.	1.0	62
70	ESR and U-series analyses of faunal material from Cuddie Springs, NSW, Australia: implications for the timing of the extinction of the Australian megafauna. <i>Quaternary Science Reviews</i> , 2010, 29, 596-610.	1.4	62
71	Open system modelling for U-series and ESR dating of teeth. <i>Quaternary Science Reviews</i> , 1994, 13, 121-125.	1.4	61
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

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73	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
74	Methods of dose determination using ESR spectra of tooth enamel. <i>Radiation Measurements</i> , 2000, 32, 767-772.	0.7	57
75	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
76	Non-destructive gamma spectrometric U-series dating. <i>Quaternary Science Reviews</i> , 1998, 17, 1009-1022.	1.4	53
77	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
78	A comprehensive model for CO ₂ • ⁻ radicals in fossil tooth enamel: Implications for ESR dating. <i>Quaternary Geochronology</i> , 2011, 6, 82-97.	0.6	52
79	The onset of dune formation in the Strzelecki Desert, South Australia. <i>Quaternary Science Reviews</i> , 2003, 22, 1067-1076.	1.4	51
80	Two types of CO ₂ • ⁻ radicals threaten the fundamentals of ESR dating of tooth enamel. <i>Quaternary Geochronology</i> , 2008, 3, 150-172.	0.6	51
81	The relevance of parametric U-uptake models in ESR age calculations. <i>Radiation Measurements</i> , 2009, 44, 472-476.	0.7	51
82	ESR dating of corals. <i>Quaternary Science Reviews</i> , 1988, 7, 465-470.	1.4	50
83	The archaeology and paleoenvironment of an Upper Pleistocene hyena den: An integrated approach. <i>Journal of Archaeological Science</i> , 2010, 37, 919-935.	1.2	50
84	Are published ESR dose assessments on fossil tooth enamel reliable?. <i>Quaternary Geochronology</i> , 2016, 31, 19-27.	0.6	50
85	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
86	The challenge of dating early pleistocene fossil teeth by the combined uranium series – electron spin resonance method: the Venta Micena palaeontological site (Orce, Spain). <i>Journal of Quaternary Science</i> , 2011, 26, 603-615.	1.1	49
87	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
88	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
89	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
90	On the Reexamination of Grotta Guattari: Uranium-Series and Electron-Spin-Resonance Dates. <i>Current Anthropology</i> , 1991, 32, 313-316.	0.8	47

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91	Dating the Ngandong Humans. <i>Science</i> , 1997, 276, 1575-1576.	6.0	47
92	The challenge of direct dating old human fossils. <i>Quaternary International</i> , 2010, 223-224, 87-93.	0.7	47
93	Newly recognized Pleistocene human teeth from Tabun Cave, Israel. <i>Journal of Human Evolution</i> , 2005, 49, 301-315.	1.3	45
94	The Acheulian and Early Middle Paleolithic in Latium (Italy): Stability and Innovation. <i>PLoS ONE</i> , 2016, 11, e0160516.	1.1	45
95	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
96	Revisiting the ESR chronology of the Early Pleistocene hominin occupation at Vallparad�s (Barcelona, Spain). <i>Journal of Human Evolution</i> , 2017, 114, 4105-4110.	0.7	43
97	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
98	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
99	Description and ESR dating of the Holsteinian interglaciation. <i>Quaternary Science Reviews</i> , 1985, 4, 319-331.	1.4	41
100	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
101	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
102	Hominid Cave at Thomas Quarry I (Casablanca, Morocco): Recent findings and their context. <i>Quaternary International</i> , 2010, 223-224, 369-382.	0.7	40
103	ESR-dating: Problems encountered in the evaluation of the naturally accumulated dose /AD/ of secondary carbonates. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 85, 213-226.	0.7	39
104	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
105	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
106	Overdone overkill – the archaeological perspective on Tasmanian megafaunal extinctions. <i>Journal of Archaeological Science</i> , 2010, 37, 2486-2503.	1.2	38
107	ESR dating of spring deposited travertines. <i>Quaternary Science Reviews</i> , 1988, 7, 429-432.	1.4	37
108	ESR and U-series analyses on corals from Huon Peninsula, New Guinea. <i>Quaternary Science Reviews</i> , 1992, 11, 197-202.	1.4	37

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109	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
110	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
111	Stratigraphy and thermoluminescence dating of Late Glacial cover sand in Denmark. <i>Journal of Quaternary Science</i> , 1990, 5, 207-224.	1.1	35
112	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
113	Errors in dose assessment introduced by the use of the 'linear part' of a saturating dose response curve. <i>Radiation Measurements</i> , 1996, 26, 297-302.	0.7	33
114	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
115	Fish otolith geochemistry, environmental conditions and human occupation at Lake Mungo, Australia. <i>Quaternary Science Reviews</i> , 2014, 88, 82-95.	1.4	33
116	ESR Dating of the Last Interglacial Mousterian at KaraĖn Cave, Southern Turkey. <i>Journal of Archaeological Science</i> , 1994, 21, 839-849.	1.2	32
117	ESR chronology of a 100,000-1/2ear archaeological sequence at Pech de l'AzĖ II, France. <i>Antiquity</i> , 1991, 65, 544-551.	0.5	31
118	Thermoluminescence Dating of the Middle Pleistocene Raised Beach of Sangatte (Northern France). <i>Quaternary Research</i> , 1992, 37, 390-396.	1.0	30
119	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
120	NEW CHRONOLOGICAL EVIDENCE FOR THE MIDDLE TO UPPER PALAEOOLITHIC TRANSITION IN THE CZECH REPUBLIC AND SLOVAKIA: NEW OPTICALLY STIMULATED LUMINESCENCE DATING RESULTS. <i>Archaeometry</i> , 2011, 53, 1044-1066.	0.6	28
121	A strontium isoscape of northĖeast Australia for human provenance and repatriation. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 231-251.	0.7	28
122	Hominid exploitation of the environment and cave bear populations. The case of <i>Ursus spelaeus</i> RosenmĖller-Heinroth in Amutxate cave (Aralar, Navarra-Spain). <i>Journal of Human Evolution</i> , 2007, 52, 1-15.	1.3	27
123	Aspartic acid racemization as a dating tool for dentine: A reality. <i>Quaternary Geochronology</i> , 2014, 22, 43-56.	0.6	27
124	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
125	Detailed Mass Spectrometric U-series Analyses of Two Teeth from the Archaeological Site of Pech de l'AzĖ II: Implications for Uranium Migration and Dating. <i>Journal of Archaeological Science</i> , 1999, 26, 1301-1310.	1.2	26
126	Electron spin resonance dating of South Australian megafauna sites. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 917-935.	0.4	26

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127	Massive cranium from Harbin in northeastern China establishes a new Middle Pleistocene human lineage. <i>Innovation(China)</i> , 2021, 2, 100130.	5.2	26
128	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
129	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
130	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
131	Early human northerners. <i>Nature</i> , 2010, 466, 189-190.	13.7	24
132	ESR dating for the early Earth. <i>Nature</i> , 1989, 338, 543-544.	13.7	22
133	Time for the last Neanderthals. <i>Nature</i> , 1991, 351, 701-702.	13.7	22
134	Electron Spin Resonance Dating. , 1997, , 217-260.		22
135	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
136	Coygan Cave, Laugharne, South Wales, a Mousterian Site and Hyaena Den: a Report on the University of Cambridge Excavations. <i>Proceedings of the Prehistoric Society, London</i> , 1995, 61, 37-79.	0.2	21
137	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
138	The mathematical basis for the US-ESR dating method. <i>Quaternary Geochronology</i> , 2015, 30, 1-8.	0.6	21
139	Possibility of ESR-dating without determination of the annual dose. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1984, 86, 399-409.	0.7	20
140	Age of the Lancefield megafauna: A reappraisal. <i>Australian Archaeology</i> , 1998, 46, 5-11.	0.3	20
141	Age constraints on Pleistocene megafauna at Tight Entrance Cave in southwestern Australia. <i>Quaternary Science Reviews</i> , 2008, 27, 1784-1788.	1.4	20
142	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
143	Multidating studies of Batadomba Cave, Sri Lanka. <i>Quaternary Science Reviews</i> , 1997, 16, 243-255.	1.4	19
144	Q-band ESR studies of fossil tooth enamel: Implications for spectrum deconvolution and dating. <i>Radiation Measurements</i> , 1997, 27, 49-58.	0.7	19

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145	Decomposition of the laboratory gamma irradiation component of angular ESR spectra of fossil tooth enamel fragments. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1798-1808.	0.7	18
146	Fluvio-mechanical resetting of the Al and Ti centres in quartz. <i>Radiation Measurements</i> , 2011, 46, 1038-1042.	0.7	18
147	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
148	Second interlaboratory-comparison project on ESR dating. <i>Applied Radiation and Isotopes</i> , 1993, 44, 119-129.	0.7	17
149	The kinetics of TL peaks and its effect on the dose versus temperature plot. <i>Radiation Measurements</i> , 1994, 23, 175-194.	0.7	17
150	DATING OF THE HOMINID (<i>HOMO NEANDERTHALENSIS</i>) REMAINS ACCUMULATION FROM EL SIDRÓN CAVE (PILOÑA, ASTURIAS, NORTH SPAIN): AN EXAMPLE OF A MULTIMETHODOLOGICAL APPROACH TO THE DATING OF UPPER PLEISTOCENE SITES. <i>Archaeometry</i> , 2010, 52, 680-705.	0.6	17
151	Thermal behavior of orientated and non-orientated CO ₂ ^{•-} radicals in tooth enamel. <i>Radiation Measurements</i> , 2009, 44, 505-511.	0.7	17
152	Cueva Negra del Estrecho del Río Quápar: a Dated Late Early Pleistocene Palaeolithic Site in Southeastern Spain. <i>Journal of Paleolithic Archaeology</i> , 2020, 3, 816-855.	0.7	17
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