Geoff A T Duller

List of Publications by Year
in descending order

184 papers	12,979 citations	22153 59 h-index	25787 108 g-index
193 all docs	193 docs citations	193 times ranked	5816 citing authors

#	Article	IF	Citations
1	Distinguishing quartz and feldspar in single grain luminescence measurements. Radiation Measurements, 2003, 37, 161-165.	1.4	800
2	Emergence of Modern Human Behavior: Middle Stone Age Engravings from South Africa. Science, 2002, 295, 1278-1280.	12.6	737
3	Advances in luminescence instrument systems. Radiation Measurements, 2000, 32, 523-528.	1.4	667
4	Developments in radiation, stimulation and observation facilities in luminescence measurements. Radiation Measurements, 2003, 37, 535-541.	1.4	484
5	DRAC: Dose Rate and Age Calculator for trapped charge dating. Quaternary Geochronology, 2015, 28, 54-61.	1.4	472
6	Singleâ€grain optical dating of Quaternary sediments: why aliquot size matters in luminescence dating. Boreas, 2008, 37, 589-612.	2.4	461
7	Luminescence dating of quaternary sediments: recent advances. Journal of Quaternary Science, 2004, 19, 183-192.	2.1	294
8	Standardised growth curves for optical dating of sediment using multiple-grain aliquots. Radiation Measurements, 2004, 38, 241-252.	1.4	277
9	Fluvial landscapes of the Harappan civilization. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1688-94.	7.1	239
10	A new system for measuring optically stimulated luminescence from quartz samples. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1992, 20, 549-553.	0.5	234
11	Extending the chronology of deposits at Blombos Cave, South Africa, back to 140ka using optical dating of single and multiple grains of quartz. Journal of Human Evolution, 2006, 51, 255-273.	2.6	204
12	Equivalent dose determination using single aliquots. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1991, 18, 371-378.	0.5	196
13	Interpretation of single grain distributions and calculation of. Radiation Measurements, 2006, 41, 264-277.	1.4	186
14	Age and dynamics of linear dunes in the Namib Desert. Geology, 2007, 35, 555.	4.4	173
15	New ages for the post-Howiesons Poort, late and final Middle Stone Age at Sibudu, South Africa. Journal of Archaeological Science, 2008, 35, 1790-1807.	2.4	171
16	Optical dating of single sand-sized grains of quartz: sources of variability. Radiation Measurements, 2000, 32, 453-457.	1.4	170
17	Optical dating of dune sand from Blombos Cave, South Africa: IIâ€”single grain data. Journal of Human Evolution, 2003, 44, 613-625.	2.6	161
18	A comparison of natural- and laboratory-generated dose response curves for quartz optically stimulated luminescence signals from Chinese Loess. Radiation Measurements, 2012, 47, 1045-1052.	1.4	148

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19	Underestimation of equivalent dose in single-aliquot optical dating of feldspars caused by preheating. Radiation Measurements, 2000, 32, 691-695.	1.4	142
20	Temperature dependence of OSL decay curves: Experimental and theoretical aspects. Radiation Measurements, 1997, 27, 161-170.	1.4	138
21	Combining ground penetrating radar surveys and optical dating to determine dune migration in Namibia. Journal of the Geological Society, 2005, 162, 315-321.	2.1	138
22	Assessing the reproducibility and accuracy of optical dating of fluvial deposits. Quaternary Geochronology, 2006, 1, 109-120.	1.4	130
23	Optical dating of dune sand from Blombos Cave, South Africa: Iâ€”multiple grain data. Journal of Human Evolution, 2003, 44, 599-612.	2.6	122
24	Single grain optical dating of glacigenic deposits. Quaternary Geochronology, 2006, 1, 296-304.	1.4	122
25	Young Danube delta documents stable Black Sea level since the middle Holocene: Morphodynamic, paleogeographic, and archaeological implications. Geology, 2006, 34, 757.	4.4	122
26	Unprecedented last-glacial mass accumulation rates determined by luminescence dating of loess from western Nebraska. Quaternary Research, 2003, 59, 411-419.	1.7	120
27	Testing optically stimulated luminescence dating of sand-sized quartz and feldspar from fluvial deposits. Earth and Planetary Science Letters, 2001, 193, 617-630.	4.4	119
28	Blue Light Emitting Diodes for Optical Stimulation of Quartz in Retrospective Dosimetry and Dating. Radiation Protection Dosimetry, 1999, 84, 335-340.	0.8	118
29	The fast ratio: A rapid measure for testing the dominance of the fast component in the initial OSL signal from quartz. Radiation Measurements, 2011, 46, 1065-1072.	1.4	110
30	Late Quaternary floods and droughts in the Nile valley, Sudan: new evidence from optically stimulated luminescence and AMS radiocarbon dating. Quaternary Science Reviews, 2010, 29, 1116-1137.	3.0	108
31	Reach-scale river dynamics moderate the impact of rapid Holocene climate change on floodwater farming in the desert Nile. Geology, 2013, 41, 695-698.	4.4	105
32	Luminescence from Potassium Feldspars Stimulated by Infrared and Green Light. Radiation Protection Dosimetry, 1993, 47, 683-688.	0.8	99
33	Behavioural studies of stimulated luminescence from feldspars. Radiation Measurements, 1997, 27, 663-694.	1.4	97
34	A new flexible system for measuring thermally and optically stimulated luminescence. Radiation Measurements, 1997, 27, 83-89.	1.4	96
35	Luminescence dating using single aliquots: Methods and applications. Radiation Measurements, 1995, 24, 217-226.	1.4	95
36	Single grain laser luminescence (SGLL) measurements using a novel automated reader. Nuclear Instruments & Methods in Physics Research B, 1999, 155, 506-514.	1.4	95

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37	A review of the thermally transferred optically stimulated luminescence signal from quartz for dating sediments. Quaternary Geochronology, 2012, 7, 6-20.	1.4	92
38	Comparison of paired quartz OSL and feldspar post-IR IRSL dose distributions in poorly bleached fluvial sediments from South Africa. Quaternary Geochronology, 2015, 30, 233-238.	1.4	92
39	Recent developments in luminescence dating of Quaternary sediments. Progress in Physical Geography, 1996, 20, 127-145.	3.2	89
40	Luminescence dating of sediments using single aliquots: New procedures. Quaternary Science Reviews, 1994, 13, 149-156.	3.0	88
41	A new approach to automated pollen analysis. Quaternary Science Reviews, 2000, 19, 537-546.	3.0	86
42	U-Pb zircon dating evidence for a Pleistocene Sarasvati River and capture of the Yamuna River. Geology, 2012, 40, 211-214.	4.4	83
43	Equivalent dose distributions from single grains of quartz at Sibudu, South Africa: context, causes and consequences for optical dating of archaeological deposits. Journal of Archaeological Science, 2008, 35, 1808-1820.	2.4	82
44	Excitation and emission spectrometry of stimulated luminescence from quartz and feldspars. Radiation Measurements, 1994, 23, 613-616.	1.4	81
45	Sand deposition during the last millennium at Aberffraw, Anglesey, North Wales as determined by OSL dating of quartz. Quaternary Science Reviews, 2001, 20, 701-704.	3.0	80
46	Combining infrared- and green-laser stimulation sources in single-grain luminescence measurements of feldspar and quartz. Radiation Measurements, 2003, 37, 543-550.	1.4	79
47	Improving the TT-OSL SAR protocol through source trap characterisation. Radiation Measurements, 2010, 45, 768-777.	1.4	79
48	Causal links between Nile floods and eastern Mediterranean sapropel formation during the past 125Âkyr confirmed by OSL and radiocarbon dating of Blue and White Nile sediments. Quaternary Science Reviews, 2015, 130, 89-108.	3.0	79
49	Communication. Mineral microanalysis by laser ablation inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 1992, 7, 53.	3.0	75
50	Improving the accuracy and precision of equivalent doses determined using the optically stimulated luminescence signal from single grains of quartz. Radiation Measurements, 2012, 47, 770-777.	1.4	74
51	Determining the K-content of single-grains of feldspar for luminescence dating. Radiation Measurements, 2012, 47, 790-796.	1.4	73
52	Optical dating of a scroll-bar sequence on the Klip River, South Africa, to derive the lateral migration rate of a meander bend. Holocene, 2005, 15, 802-811.	1.7	71
53	Characteristics of thermally transferred optically stimulated luminescence (TT-OSL) in quartz and its potential for dating sediments. Radiation Measurements, 2008, 43, 1204-1218.	1.4	71
54	Luminescence dating of poorly bleached sediments from Scotland. Quaternary Science Reviews, 1994, 13, 521-524.	3.0	70

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55	A simplified SAR protocol for TT-OSL. Radiation Measurements, 2009, 44, 538-542.	1.4	70
56	Multi-method dating comparison for mid-pleistocene Rangitawa Tephra, New Zealand. Quaternary Science Reviews, 1996, 15, 641-653.	3.0	69
57	The INQUA Dunes Atlas chronologic database. Quaternary International, 2016, 410, 3-10.	1.5	68
58	Chronology and controls of avulsion along a mixed bedrock-alluvial river. Bulletin of the Geological Society of America, 2007, 119, 452-461.	3.3	66
59	On infrared stimulated luminescence at elevated temperatures. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1991, 18, 379-384.	0.5	65
60	Luminescence dating and its application to key pre-Late Devensian sites in Scotland. Quaternary Science Reviews, 1995, 14, 495-519.	3.0	60
61	Late Quaternary floodplain reworking and the preservation of alluvial sedimentary archives in unconfined and confined river valleys in the eastern interior of South Africa. Geomorphology, 2013, 185, 54-66.	2.6	60
62	Evidence from the Rio Bayo valley on the extent of the North Patagonian Icefield during the Late Pleistoceneâ€“Holocene Transition. Quaternary Research, 2006, 65, 70-77.	1.7	56
63	Glacial lake drainage in Patagonia (13-8 kyr) and response of the adjacent Pacific Ocean. Scientific Reports, 2016, 6, 21064.	3.3	56
64	Luminescence dating of glacial advances at Lago Buenos Aires (âˆ¼46 Â°S), Patagonia. Quaternary Science Reviews, 2016, 134, 59-73.	3.0	56
65	A High-Sensitivity Optically Stimulated Luminescence Scanning System for Measurement of Single Sand-Sized Grains. Radiation Protection Dosimetry, 1999, 84, 325-330.	0.8	55
66	The formation and evolution of the barrier islands of Inhaca and Bazaruto, Mozambique. Geomorphology, 2006, 82, 295-308.	2.6	55
67	A White Nile megalake during the last interglacial period. Geology, 2014, 42, 163-166.	4.4	54
68	New age constraints for the limit of the Britishâ€“Irish Ice Sheet on the Isles of Scilly. Journal of Quaternary Science, 2017, 32, 48-62.	2.1	53
69	Holocene flooding and river development in a Mediterranean steepland catchment: The Anapodaris Gorge, south central Crete, Greece. Global and Planetary Change, 2010, 70, 35-52.	3.5	52
70	New investigations at Kalambo Falls, Zambia: Luminescence chronology, site formation, and archaeological significance. Journal of Human Evolution, 2015, 85, 111-125.	2.6	52
71	Quartz from southern Africa: sensitivity changes as a result of thermal pretreatment. Radiation Measurements, 2000, 32, 571-577.	1.4	51
72	Devising quality assurance procedures for assessment of legacy geochronological data relating to deglaciation of the last British-Irish Ice Sheet. Earth-Science Reviews, 2017, 164, 232-250.	9.1	50

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73	A new approach for luminescence dating glaciofluvial deposits - High precision optical dating of cobbles. Quaternary Science Reviews, 2018, 192, 263-273.	3.0	50
74	Late Quaternary climatic changes revealed by luminescence dating, mineral magnetism and diffuse reflectance spectroscopy of river terrace palaeosols: a new form of geoproxy data for the southern African interior. Quaternary Science Reviews, 2014, 95, 43-59.	3.0	49
75	Exploring the behaviour of luminescence signals from feldspars: Implications for the single aliquot regenerative dose protocol. Radiation Measurements, 2018, 109, 35-44.	1.4	49
76	Quaternary palaeogeomorphologic evolution of the Wadi Faynan area, southern Jordan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 205, 131-154.	2.3	48
77	A new method for the analysis of infrared stimulated luminescence data from potassium feldspars. Radiation Measurements, 1994, 23, 281-285.	1.4	46
78	Late Holocene anti-phase change in the East Asian summer and winter monsoons. Quaternary Science Reviews, 2018, 188, 28-36.	3.0	46
79	A luminescence imaging system based on a CCD camera. Radiation Measurements, 1997, 27, 91-99.	1.4	44
80	Reassessment of the record of linear dune activity in Tasmania using optical dating. Quaternary Science Reviews, 2006, 25, 2608-2618.	3.0	44
81	Glaciar LeÃ³n, Chilean Patagonia: late-Holocene chronology and geomorphology. Holocene, 2008, 18, 643-652.	1.7	41
82	Internal dynamics condition centennial-scale oscillations in marine-based ice-stream retreat. Geology, 2017, 45, 787-790.	4.4	41
83	Bleaching of the post-IR IRSL signal from individual grains of K-feldspar: Implications for single-grain dating. Radiation Measurements, 2015, 79, 33-42.	1.4	39
84	Attenuation of light in different rock types and implications for rock surface luminescence dating. Radiation Measurements, 2018, 120, 305-311.	1.4	39
85	Recent faulting in the southern Arava, Dead Sea Transform: Evidence from single grain luminescence dating. Quaternary International, 2009, 199, 34-44.	1.5	38
86	Optically stimulated luminescence dating of glaciofluvial sediments on the Canterbury Plains, South Island, New Zealand. Quaternary Geochronology, 2012, 8, 10-22.	1.4	38
87	Trough geometry was a greater influence than climate-ocean forcing in regulating retreat of the marine-based Irish-Sea Ice Stream. Bulletin of the Geological Society of America, 2018, 130, 1981-1999.	3.3	38
88	LM-OSL from single grains of quartz: a preliminary study. Radiation Measurements, 2002, 35, 79-85.	1.4	37
89	determination for young samples using the standardised OSL response of coarse-grain quartz. Radiation Measurements, 2006, 41, 278-288.	1.4	36
90	A chronology of hurricane landfalls at Little Sippewissett Marsh, Massachusetts, USA, using optical dating. Geomorphology, 2009, 109, 36-45.	2.6	36

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91	Increasing effective moisture during the Holocene in the semiarid regions of the Yili Basin, Central Asia: Evidence from loess sections. Quaternary Science Reviews, 2020, 246, 106553.	3.0	36
92	Thermal quenching of luminescence processes in feldspars. Radiation Measurements, 1995, 24, 57-66.	1.4	35
93	Anomalous fading of various luminescence signals from terrestrial basaltic samples as Martian analogues. Radiation Measurements, 2008, 43, 721-725.	1.4	35
94	Late Quaternary dynamics of a South African floodplain wetland and the implications for assessing recent human impacts. Geomorphology, 2009, 106, 278-291.	2.6	35
95	Re-evaluation of the chronology of the palaeolithic site at Jeongokri, Korea, using OSL and TT-OSL signals from quartz. Quaternary Geochronology, 2010, 5, 365-370.	1.4	35
96	Glacial Lake Pickering: stratigraphy and chronology of a proglacial lake dammed by the North Sea Lobe of the Britishâ€“Irish Ice Sheet. Journal of Quaternary Science, 2017, 32, 295-310.	2.1	35
97	Dose response, thermal stability and optical bleaching of the 310Â°C isothermal TL signal in quartz. Radiation Measurements, 2007, 42, 1285-1293.	1.4	34
98	Infrared bleaching of the thermoluminescence of four feldspars. Journal Physics D: Applied Physics, 1995, 28, 1244-1258.	2.8	30
99	Luminescence characteristics of quartz from the Southern Kenyan Rift Valley: Dose estimation using LM-OSL SAR. Radiation Measurements, 2006, 41, 847-854.	1.4	30
100	Assessing the potential for using biogenic calcites as dosemeters for luminescence dating. Radiation Measurements, 2009, 44, 429-433.	1.4	30
101	Assessing the potential for luminescence dating of basalts. Quaternary Geochronology, 2011, 6, 61-70.	1.4	30
102	Timescales, mechanisms, and controls of incisional avulsions in floodplain wetlands: Insights from the Tshwane River, semiarid South Africa. Geomorphology, 2017, 283, 158-172.	2.6	30
103	Ice-stream demise dynamically conditioned by trough shape and bed strength. Science Advances, 2019, 5, eaau1380.	10.3	29
104	Luminescence dating using feldspars: a test case from southern North Island, New Zealand. Quaternary Science Reviews, 1994, 13, 423-427.	3.0	28
105	Dose dependence of thermally transferred optically stimulated luminescence signals in quartz. Radiation Measurements, 2009, 44, 132-143.	1.4	28
106	Developing a framework of Quaternary dune accumulation in the northern Rub' al-Khali, Arabia. Quaternary International, 2015, 382, 132-144.	1.5	28
107	Luminescence studies of dunes from North-Eastern Tasmania. Quaternary Science Reviews, 1997, 16, 357-365.	3.0	27
108	Testing the use of feldspars for optical dating of hurricane overwash deposits. Quaternary Geochronology, 2010, 5, 125-130.	1.4	27

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109	Reconstructed centennial variability of Late Holocene storminess from Cors Fochno, Wales, UK. Journal of Quaternary Science, 2015, 30, 478-488.	2.1	27
110	The influence of Late Pleistocene geomorphological inheritance and Holocene hydromorphic regimes on floodwater farming in the Talgar catchment, southeast Kazakhstan, Central Asia. Quaternary Science Reviews, 2015, 129, 85-95.	3.0	27
111	Single-grain feldspar luminescence chronology of historical extreme wave event deposits recorded in a coastal lowland, Pacific coast of central Japan. Quaternary Geochronology, 2018, 45, 37-49.	1.4	27
112	Evidence for dune reactivation from GPR profiles on the Maputaland coastal plain, South Africa. Geological Society Special Publication, 2003, 211, 29-46.	1.3	26
113	Excavations at Site C North, Kalambo Falls, Zambia: New Insights into the Mode 2/3 Transition in South-Central Africa. Journal of African Archaeology, 2015, 13, 187-214.	0.6	26
114	Comparison of equivalent doses determined by thermoluminescence and infrared stimulated luminescence for dune sands in New Zealand. Quaternary Science Reviews, 1992, 11, 39-43.	3.0	25
115	Evaluation of SAR procedures for determination using single aliquots of quartz from two archaeological sites in South Africa. Radiation Measurements, 2006, 41, 520-533.	1.4	25
116	Testing the use of range-finder OSL dating to inform field sampling and laboratory processing strategies. Quaternary Geochronology, 2010, 5, 86-90.	1.4	25
117	The dating and interpretation of a Mode 1 site in the Luangwa Valley, Zambia. Journal of Human Evolution, 2011, 60, 549-570.	2.6	25
118	Natural and laboratory TT-OSL dose response curves: Testing the lifetime of the TT-OSL signal in nature. Radiation Measurements, 2016, 85, 41-50.	1.4	24
119	Pattern, style and timing of Britishâ€“Irish Ice Sheet advance and retreat over the last 45â€‰000 years: evidence from NW Scotland and the adjacent continental shelf. Journal of Quaternary Science, 2021, 36, 871-933.	2.1	24
120	Reproducibility of optically stimulated luminescence measurements from single grains of Al2O3:C and annealed quartz. Radiation Measurements, 2000, 32, 447-451.	1.4	23
121	The age of the Koputaroa dunes, southwest North Island, New Zealand. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 121, 105-114.	2.3	22
122	Assessment of diagnostic tests for evaluating the reliability of SAR De values from polymineral and quartz fine grains. Radiation Measurements, 2009, 44, 149-157.	1.4	22
123	Developing a single-aliquot protocol for measuring equivalent dose in biogenic carbonates. Radiation Measurements, 2012, 47, 725-731.	1.4	22
124	On the separation of quartz OSL signal components using different stimulation modes. Radiation Measurements, 2008, 43, 742-747.	1.4	21
125	Optical dating of a Japanese marker tephra using plagioclase. Quaternary Geochronology, 2010, 5, 274-278.	1.4	21
126	Chronology and controls of donga (gully) formation in the upper Blood River catchment, KwaZulu-Natal, South Africa: Evidence for a climatic driver of erosion. Holocene, 2013, 23, 1875-1887.	1.7	21

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127	Comparison of optically stimulated luminescence signals from quartz using different stimulation wavelengths. Radiation Measurements, 1996, 26, 603-609.	1.4	20
128	Exploring procedures for the rapid assessment of optically stimulated luminescence range-finder ages. Radiation Measurements, 2009, 44, 582-587.	1.4	20
129	Empirical assessment of beta dose heterogeneity in sediments: Implications for luminescence dating. Quaternary Geochronology, 2020, 56, 101052.	1.4	20
130	Test of the partial bleach methodology as applied to the infra-red stimulated luminescence of an alluvial sediment from the Danube. Quaternary Science Reviews, 1994, 13, 539-543.	3.0	19
131	Stimulation of mineral-specific luminescence from multi-mineral samples. Radiation Measurements, 1995, 24, 87-93.	1.4	19
132	The evolution of the terrestrialâ€terminating Irish Sea glacier during the last glaciation. Journal of Quaternary Science, 2021, 36, 752-779.	2.1	19
133	Combined gamma and beta dosimetry, using Al2O3:C, for in situ measurements on a sequence of archaeological deposits. Radiation Measurements, 2003, 37, 285-291.	1.4	18
134	OSL dating in multi-strata Tel: Megiddo (Israel) as a case study. Quaternary Geochronology, 2012, 10, 359-366.	1.4	18
135	Early and mid-Holocene age for the Tempanos moraines, Laguna San Rafael, Patagonian Chile. Quaternary Science Reviews, 2012, 31, 82-92.	3.0	18
136	Exploring sources of variation in thermoluminescence emissions and anomalous fading in alkali feldspars. Radiation Measurements, 2021, 141, 106541.	1.4	18
137	Optimizing detection filters for single-grain optical dating of quartz. Radiation Measurements, 2005, 40, 5-12.	1.4	17
138	Optical dating of a Fimic Anthrosol in the southern Netherlands. Journal of Archaeological Science, 2005, 32, 547-553.	2.4	16
139	Infrared stimulated luminescence measurements of single grains of K-rich feldspar for isochron dating. Quaternary Geochronology, 2011, 6, 71-81.	1.4	16
140	Middle Devensian ice-proximal gravels at Howe of Byth, Grampian Region. Scottish Journal of Geology, 1995, 31, 61-64.	0.1	15
141	Timing of the prehistoric eruption of Xitle Volcano and the abandonment of Cuicuilco Pyramid, Southern Basin of Mexico. Geological Society Special Publication, 2000, 171, 205-224.	1.3	15
142	Sedimentology, palaeoecology and geochronology of Marine Isotope Stage 5 deposits on the Shetland Islands, Scotland. Journal of Quaternary Science, 2002, 17, 51-67.	2.1	15
143	Beach ridge sets reflect the late Holocene evolution of the St Lucia estuarine lake system, South Africa. Geomorphology, 2018, 318, 112-127.	2.6	15
144	Optically stimulated luminescence emission spectra from feldspars as a function of sample temperature. Radiation Measurements, 1997, 27, 145-151.	1.4	14

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145	The effect of optical absorption on the infrared stimulated luminescence age obtained on coarse-grain feldspar. Quaternary Science Reviews, 2000, 19, 1035-1042.	3.0	14
146	Timing and pace of iceâ€sheet withdrawal across the marineâ€“terrestrial transition west of Ireland during the last glaciation. Journal of Quaternary Science, 2021, 36, 805-832.	2.1	14
147	Late Pleistocene environments in lower Strathspey, Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 1994, 85, 253-273.	0.7	13
148	Single grain optically stimulated luminescence dating of glacial sediments from the Baiyu Valley, southeastern Tibet. Quaternary Geochronology, 2015, 30, 314-319.	1.4	13
149	Spatially-resolved thermoluminescence from snail opercula using an EMCCD. Radiation Measurements, 2015, 81, 157-162.	1.4	13
150	Late Devensian deglaciation of southâ€west Wales from luminescence and cosmogenic isotope dating. Journal of Quaternary Science, 2018, 33, 804-818.	2.1	13
151	The deglaciation of the western sector of the Irish Ice Sheet from the inner continental shelf to its terrestrial margin. Boreas, 2020, 49, 438-460.	2.4	13
152	Comment on â€œHuman footprints in Central Mexico older than 40,000 yearsâ€•by S. GonzÃ¡lez, D. Huddart, M.R. Bennett and A. GonzÃ¡lez-Huesca. Quaternary Science Reviews, 2006, 25, 3074-3076.	3.0	11
153	A shifting â€˜river of sandâ€™: The profound response of Australia's Warrego River to Holocene hydroclimatic change. Geomorphology, 2020, 370, 107385.	2.6	11
154	Site-selective characterisation of electron trapping centres in relation to chemistry, structural state and mineral phases present in single crystal alkali feldspars. Journal Physics D: Applied Physics, 2021, 54, 385107.	2.8	11
155	Significantly enhanced mid Holocene fluvial activity in a globally important, aridâ€zone wetland: The Okavango Delta, Botswana. Earth Surface Processes and Landforms, 2022, 47, 854-871.	2.5	10
156	Use of infrared stimulated luminescence signal for scanning sediment cores. Quaternary Science Reviews, 1992, 11, 115-119.	3.0	9
157	Single grain infrared photoluminescence (IRPL) measurements of feldspars for dating. Radiation Measurements, 2020, 133, 106313.	1.4	9
158	Challenges involved in obtaining luminescence ages for long records of aridity: Examples from the Arabian Peninsula. Quaternary International, 2016, 410, 69-74.	1.5	8
159	Testing single aliquot regenerative dose (SAR) protocols for violet stimulated luminescence. Radiation Measurements, 2018, 120, 104-109.	1.4	8
160	Is Xâ€ray core scanning nonâ€destructive? Assessing the implications for optically stimulated luminescence (OSL) dating of sediments. Journal of Quaternary Science, 2010, 25, 348-353.	2.1	7
161	Cross-talk during single grain optically stimulated luminescence measurements of quartz and feldspar. Radiation Measurements, 2012, 47, 219-224.	1.4	7
162	Seeing Snails in a New Light. Elements, 2018, 14, 39-43.	0.5	6

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163	Assessing the impact of pulsed-irradiation procedures on the thermally transferred OSL signal in quartz. Radiation Measurements, 2014, 65, 1-7.	1.4	5
164	A comparison of multiple luminescence chronometers at Voordrag, South Africa. Quaternary Geochronology, 2020, 60, 101094.	1.4	5
165	New geomorphological and archaeological evidence for drainage evolution in the Luangwa Valley (Zambia) during the Late Pleistocene. Geomorphology, 2021, 392, 107923.	2.6	5
166	An automated iterative procedure for determining palaeodoses using the SARA method. Quaternary Science Reviews, 1999, 18, 293-301.	3.0	4
167	A method for routinely monitoring the reproducibility of thermal pretreatment prior to optically stimulated luminescence measurements. Radiation Measurements, 2020, 130, 106210.	1.4	4
168	Software Aspects of Automated Recognition of Particles: The Example of Pollen. , 2005, , 253-272.		3
169	Luminescence Dating. Encyclopedia of Earth Sciences Series, 2015, , 390-404.	0.1	3
170	How have Cretan rivers responded to late Holocene uplift? A multiâ€millennial, multiâ€catchment field experiment to evaluate the applicability of Schumm and Parker's (1973) complex response model. Earth Surface Processes and Landforms, 2022, 47, 2178-2197.	2.5	3
171	Strategies for equivalent dose determination without heating, suitable for portable luminescence readers. Radiation Measurements, 2018, 120, 170-175.	1.4	2
172	Progress reports, Dating methods: the role of geochronology in studies of human evolution and migration in southeast Asia and Australasia. Progress in Physical Geography, 2001, 25, 267-276.	3.2	2
173	Electron spin resonance dating of quartz from archaeological sites at Victoria Falls, Zambia. Quaternary Geochronology, 2022, 72, 101345.	1.4	2
174	13th International Conference on Luminescence and Electron Spin Resonance Dating, 10â€“14 July, 2011, ToruÅ„, Poland. Radiation Measurements, 2012, 47, 649-651.	1.4	1
175	Thermoluminescence Dating. , 2003, , 699-704.		1
176	SIRIOL: A Sensitive InfraRed Instrument for phOto Luminescence measurements of feldspar. Radiation Measurements, 2022, 154, 106782.	1.4	1
177	Challenges of dating quartz OSL samples with saturated grains: Lessons from single-grain analyses of low dose-rate samples from Victoria Falls, Zambia. Quaternary Geochronology, 2022, 72, 101344.	1.4	1
178	Rapid assessment of beta dose variation inside cobbles, and implications for rock luminescence dating. Quaternary Geochronology, 2022, 72, 101349.	1.4	1
179	Luminescence Dating. , 2014, , 1-21.		0
180	Editorial: Quaternary revolutions. Journal of Quaternary Science, 2015, 30, 101-103.	2.1	0

#	Article	IF	Citations
181	Luminescence, Biogenic Carbonates. , 2014, , 1-3.		0
182	Luminescence, Glacial Sediments. Encyclopedia of Earth Sciences Series, 2015, , 475-478.	0.1	0
183	Luminescence, Biogenic Carbonates. Encyclopedia of Earth Sciences Series, 2015, , 445-446.	0.1	0
184	Isolating a violet stimulated luminescence (VSL) signal in quartz suitable for dating: Investigating different thermal treatments and signal integration limits. Radiation Measurements, 2022, 156, 106810.	1.4	0