

Andrew Murray

List of Publications by Year in descending order

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370
papers

29,169
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8159

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6630

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374
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374
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374
times ranked

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#	ARTICLE	IF	CITATIONS
1	Luminescence dating of quartz using an improved single-aliquot regenerative-dose protocol. <i>Radiation Measurements</i> , 2000, 32, 57-73.	0.7	3,988
2	The single aliquot regenerative dose protocol: potential for improvements in reliability. <i>Radiation Measurements</i> , 2003, 37, 377-381.	0.7	1,745
3	A review of quartz optically stimulated luminescence characteristics and their relevance in single-aliquot regeneration dating protocols. <i>Radiation Measurements</i> , 2006, 41, 369-391.	0.7	1,471
4	Advances in luminescence instrument systems. <i>Radiation Measurements</i> , 2000, 32, 523-528.	0.7	667
5	Laboratory fading rates of various luminescence signals from feldspar-rich sediment extracts. <i>Radiation Measurements</i> , 2008, 43, 1474-1486.	0.7	635
6	A robust feldspar luminescence dating method for Middle and Late Pleistocene sediments. <i>Boreas</i> , 2012, 41, 435-451.	1.2	561
7	Analysis for naturally occurring radionuclides at environmental concentrations by gamma spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1987, 115, 263-288.	0.7	552
8	Testing the potential of an elevated temperature IRSL signal from K-feldspar. <i>Radiation Measurements</i> , 2009, 44, 560-565.	0.7	510
9	Luminescence dating of the Stratzing loess profile (Austria) – Testing the potential of an elevated temperature post-IR IRSL protocol. <i>Quaternary International</i> , 2011, 234, 23-31.	0.7	495
10	Developments in radiation, stimulation and observation facilities in luminescence measurements. <i>Radiation Measurements</i> , 2003, 37, 535-541.	0.7	484
11	Equivalent dose estimation using a single aliquot of polymineral fine grains. <i>Radiation Measurements</i> , 2001, 33, 73-94.	0.7	390
12	Characterisation of blue-light stimulated luminescence components in different quartz samples: implications for dose measurement. <i>Radiation Measurements</i> , 2003, 37, 441-449.	0.7	342
13	The effects of disequilibria in the uranium and thorium decay chains on burial dose rates in fluvial sediments. <i>Quaternary Science Reviews</i> , 1996, 15, 751-760.	1.4	335
14	The distribution of apparent dose as determined by Optically Stimulated Luminescence in small aliquots of fluvial quartz: Implications for dating young sediments. <i>Quaternary Science Reviews</i> , 1998, 17, 1033-1040.	1.4	311
15	The single-aliquot regenerative-dose (SAR) protocol applied to coarse-grain feldspar. <i>Radiation Measurements</i> , 2000, 32, 529-533.	0.7	273
16	Measurement of the equivalent dose in quartz using a regenerative-dose single-aliquot protocol. <i>Radiation Measurements</i> , 1998, 29, 503-515.	0.7	269
17	Identifying well-bleached quartz using the different bleaching rates of quartz and feldspar luminescence signals. <i>Radiation Measurements</i> , 2012, 47, 688-695.	0.7	249
18	The human colonisation of Australia: optical dates of 53,000 and 60,000 years bracket human arrival at Deaf Adder Gorge, Northern Territory. <i>Quaternary Science Reviews</i> , 1994, 13, 575-583.	1.4	247

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19	Determining the burial time of single grains of quartz using optically stimulated luminescence. <i>Earth and Planetary Science Letters</i> , 1997, 152, 163-180.	1.8	213
20	Optical dating of young coastal dunes on a decadal time scale. <i>Quaternary Science Reviews</i> , 2003, 22, 1011-1017.	1.4	171
21	Optical dating of single sand-sized grains of quartz: sources of variability. <i>Radiation Measurements</i> , 2000, 32, 453-457.	0.7	170
22	Luminescence dating of old (>70ka) Chinese loess: A comparison of single-aliquot OSL and IRSL techniques. <i>Quaternary Geochronology</i> , 2007, 2, 9-14.	0.6	165
23	Optically stimulated luminescence dating: how significant is incomplete light exposure in fluvial environments? [Datation par luminescence stimul�e optiquement : quelle signification en cas de blanchiment incomplet des s�diments fluviatiles ?]. <i>Quaternaire</i> , 2004, 15, 143-157.	0.1	163
24	Optically stimulated luminescence dating of young sediments: A review. <i>Geomorphology</i> , 2009, 109, 3-16.	1.1	160
25	Groundwater arsenic concentrations in Vietnam controlled by sediment age. <i>Nature Geoscience</i> , 2012, 5, 656-661.	5.4	159
26	Modelling the effect of salinity on radium desorption from sediments. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2469-2476.	1.6	154
27	Sources of variability in OSL dose measurements using single grains of quartz. <i>Radiation Measurements</i> , 2005, 39, 47-61.	0.7	146
28	Luminescence dating of rock art and past environments using mud-wasp nests in northern Australia. <i>Nature</i> , 1997, 387, 696-699.	13.7	145
29	Underestimation of equivalent dose in single-aliquot optical dating of feldspars caused by preheating. <i>Radiation Measurements</i> , 2000, 32, 691-695.	0.7	142
30	Optically stimulated luminescence dating of young estuarine sediments: a comparison with ²¹⁰ Pb and ¹³⁷ Cs dating. <i>Marine Geology</i> , 2005, 214, 251-268.	0.9	141
31	The relationship between quartz thermoluminescence, photo-transferred thermoluminescence, and optically stimulated luminescence. <i>Radiation Measurements</i> , 1997, 27, 611-624.	0.7	138
32	Optically stimulated luminescence dating of a Danish Eemian coastal marine deposit: a test of accuracy. <i>Quaternary Science Reviews</i> , 2003, 22, 1177-1183.	1.4	138
33	Environmental dose rate heterogeneity of beta radiation and its implications for luminescence dating: Monte Carlo modelling and experimental validation. <i>Radiation Measurements</i> , 2003, 37, 305-313.	0.7	137
34	Measurement of equivalent doses in quartz from contemporary water-lain sediments using optically stimulated luminescence. <i>Quaternary Science Reviews</i> , 1995, 14, 365-371.	1.4	135
35	Optical dating of Chinese loess using sand-sized quartz: Establishing a time frame for Late Pleistocene climate changes in the western part of the Chinese Loess Plateau. <i>Quaternary Geochronology</i> , 2008, 3, 99-113.	0.6	135
36	A new irradiated quartz for beta source calibration. <i>Radiation Measurements</i> , 2015, 81, 123-127.	0.7	135

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37	IRSL and post-IR IRSL residual doses recorded in modern dust samples from the Chinese Loess Plateau. <i>Geochronometria</i> , 2011, 38, 432-440.	0.2	123
38	Electrons in feldspar II: a consideration of the influence of conduction band-tail states on luminescence processes. <i>Physics and Chemistry of Minerals</i> , 2002, 29, 217-225.	0.3	121
39	A test case for anomalous fading correction in IRSL dating. <i>Quaternary Geochronology</i> , 2007, 2, 216-221.	0.6	121
40	Stability of IRSL signals from sedimentary K-feldspar samples. <i>Geochronometria</i> , 2011, 38, 1-13.	0.2	121
41	Disequilibria in the uranium decay series in sedimentary deposits at Allen's cave, nullarbor plain, Australia: Implications for dose rate determinations. <i>Radiation Measurements</i> , 1997, 27, 433-443.	0.7	120
42	Testing optically stimulated luminescence dating of sand-sized quartz and feldspar from fluvial deposits. <i>Earth and Planetary Science Letters</i> , 2001, 193, 617-630.	1.8	119
43	Determination of burial dose in incompletely bleached fluvial samples using single grains of quartz. <i>Radiation Measurements</i> , 2007, 42, 370-379.	0.7	119
44	Blue Light Emitting Diodes for Optical Stimulation of Quartz in Retrospective Dosimetry and Dating. <i>Radiation Protection Dosimetry</i> , 1999, 84, 335-340.	0.4	118
45	Optically stimulated luminescence from quartz measured using the linear modulation technique. <i>Radiation Measurements</i> , 2000, 32, 407-411.	0.7	118
46	Ice-volume-forced erosion of the Chinese Loess Plateau global Quaternary stratotype site. <i>Nature Communications</i> , 2018, 9, 983.	5.8	117
47	The effect of preheating on the IRSL signal from feldspar. <i>Radiation Measurements</i> , 2009, 44, 554-559.	0.7	116
48	Testing the accuracy of quartz OSL dating using a known-age Eemian site on the river Sula, northern Russia. <i>Quaternary Geochronology</i> , 2007, 2, 102-109.	0.6	115
49	Equivalent dose measurement using a single aliquot of quartz. <i>Radiation Measurements</i> , 1997, 27, 171-184.	0.7	114
50	Quartz OSL: Effects of thermal treatment and their relevance to laboratory dating procedures. <i>Radiation Measurements</i> , 2000, 32, 387-400.	0.7	111
51	Quaternary glaciation of Mount Everest. <i>Quaternary Science Reviews</i> , 2009, 28, 1412-1433.	1.4	111
52	Towards the development of a preheat procedure for OSL dating of quartz. <i>Radiation Measurements</i> , 1998, 29, 81-94.	0.7	109
53	Environmental controls on coastal dune formation; Skallingen Spit, Denmark. <i>Geomorphology</i> , 2007, 83, 29-47.	1.1	107
54	The evolution of Holocene coastal dunefields, Jutland, Denmark: A record of climate change over the past 5000 years. <i>Geomorphology</i> , 2009, 105, 303-313.	1.1	107

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55	Dating the Tejo river lower terraces in the R��d��o area (Portugal) to assess the role of tectonics and uplift. <i>Geomorphology</i> , 2008, 102, 43-54.	1.1	101
56	Luminescence sensitivity changes in quartz. <i>Radiation Measurements</i> , 1999, 30, 107-118.	0.7	100
57	The chronology of a large ice-dammed lake and the Barents��Kara Ice Sheet advances, Northern Russia. <i>Global and Planetary Change</i> , 2001, 31, 321-336.	1.6	100
58	Factors controlling the shape of the OSL decay curve in quartz. <i>Radiation Measurements</i> , 1998, 29, 65-79.	0.7	99
59	Late Quaternary ice sheet, lake and sea history of southwest Scandinavia �� a synthesis. <i>Boreas</i> , 2009, 38, 732-761.	1.2	96
60	Single grain laser luminescence (SGLL) measurements using a novel automated reader. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 155, 506-514.	0.6	95
61	A detailed post��scp>IR IRSL</scp> dating study of the Niuyangzigou loess site in northeastern China. <i>Boreas</i> , 2016, 45, 644-657.	1.2	93
62	Age and extent of the Scandinavian ice sheet in northwest Russia. <i>Boreas</i> , 1999, 28, 115-132.	1.2	92
63	Absorbed dose, equivalent dose, measured dose rates, and implications for OSL age estimates: Introducing the Average Dose Model. <i>Quaternary Geochronology</i> , 2017, 41, 163-173.	0.6	89
64	Application of pulsed OSL to the separation of the luminescence components from a mixed quartz/feldspar sample. <i>Radiation Measurements</i> , 2006, 41, 774-779.	0.7	88
65	Sedimentology, stratigraphy and landscape evolution of a Holocene coastal dune system, Lodbjerg, NW Jutland, Denmark. <i>Sedimentology</i> , 2001, 48, 3-27.	1.6	88
66	Investigating the resetting of OSL signals in rock surfaces. <i>Geochronometria</i> , 2011, 38, 249-258.	0.2	87
67	Optically stimulated luminescence (OSL) as a chronometer for surface exposure dating. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	87
68	Luminescence dating of Holocene aeolian sand movement, Thy, Denmark. <i>Quaternary Science Reviews</i> , 2001, 20, 751-754.	1.4	86
69	Optically stimulated luminescence (OSL) dating investigations of rock and underlying soil from three case studies. <i>Journal of Archaeological Science</i> , 2007, 34, 1659-1669.	1.2	85
70	Single-grain dating of young sediments using the pIRIR signal from feldspar. <i>Quaternary Geochronology</i> , 2012, 11, 28-41.	0.6	84
71	A multi-method luminescence dating of the Palaeolithic sequence of La Ferrassie based on new excavations adjacent to the La Ferrassie 1 and 2 skeletons. <i>Journal of Archaeological Science</i> , 2015, 58, 147-166.	1.2	83
72	Isothermal decay of optically stimulated luminescence in quartz. <i>Radiation Measurements</i> , 1999, 30, 119-125.	0.7	82

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73	Modelling dose rate to single grains of quartz in well-sorted sand samples: The dispersion arising from the presence of potassium feldspars and implications for single grain OSL dating. <i>Quaternary Geochronology</i> , 2015, 27, 52-65.	0.6	82
74	Counter-intuitive influence of Himalayan river morphodynamics on Indus Civilisation urban settlements. <i>Nature Communications</i> , 2017, 8, 1617.	5.8	82
75	Luminescence dating of the PASADO core 5022-1D from Laguna Potrok Aike (Argentina) using IRSL signals from feldspar. <i>Quaternary Science Reviews</i> , 2013, 71, 70-80.	1.4	80
76	Reliability of equivalent-dose determination and age-models in the OSL dating of historical and modern palaeoflood sediments. <i>Quaternary Geochronology</i> , 2014, 22, 11-24.	0.6	80
77	Dating Middle Pleistocene loess from Stari Slankamen (Vojvodina, Serbia) – Limitations imposed by the saturation behaviour of an elevated temperature IRSL signal. <i>Catena</i> , 2014, 117, 34-42.	2.2	80
78	Response of the Rhine–Meuse system (west-central Netherlands) to the last Quaternary glacio-eustatic cycles: a first assessment. <i>Global and Planetary Change</i> , 2000, 27, 89-111.	1.6	79
79	Combining infrared- and green-laser stimulation sources in single-grain luminescence measurements of feldspar and quartz. <i>Radiation Measurements</i> , 2003, 37, 543-550.	0.7	79
80	Testing the reliability of quartz OSL ages beyond the Eemian. <i>Radiation Measurements</i> , 2008, 43, 776-780.	0.7	78
81	Testing single-grain quartz OSL methods using sediment samples with independent age control from the Bordes-Fitte rockshelter (Roches d'Abilly site, Central France). <i>Quaternary Geochronology</i> , 2016, 31, 77-96.	0.6	78
82	Optically stimulated luminescence dating using quartz. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	77
83	A multi-spectroscopic study of luminescence sensitivity changes in natural quartz induced by high-temperature annealing. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 722-731.	1.3	76
84	Luminescence dating of well-sorted marine terrace sediments on the southeastern coast of Korea. <i>Quaternary Science Reviews</i> , 2003, 22, 407-421.	1.4	76
85	Developments in optically stimulated luminescence and photo-transferred thermoluminescence dating of young sediments: Application to a 2000-year sequence of flood deposits. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 565-576.	1.6	75
86	The resolution of stratigraphic inconsistency in the luminescence ages of marine terrace sediments from Korea. <i>Quaternary Science Reviews</i> , 2003, 22, 1201-1206.	1.4	75
87	Mathematical model quantifies multiple daylight exposure and burial events for rock surfaces using luminescence dating. <i>Radiation Measurements</i> , 2015, 81, 16-22.	0.7	75
88	Electrons in feldspar I: on the wavefunction of electrons trapped at simple lattice defects. <i>Physics and Chemistry of Minerals</i> , 2002, 29, 210-216.	0.3	74
89	How confident are we in the chronology of the transition between Howieson's Poort and Still Bay?. <i>Journal of Human Evolution</i> , 2013, 64, 314-317.	1.3	73
90	Measurement of the Dose in Quartz in the Presence of Feldspar Contamination. <i>Radiation Protection Dosimetry</i> , 2002, 101, 367-370.	0.4	71

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91	A single-aliquot regenerative-dose method based on IR bleaching of the fast OSL component in quartz. <i>Radiation Measurements</i> , 2005, 39, 309-318.	0.7	71
92	Constraining the age of rock art by dating a rockfall event using sediment and rock-surface luminescence dating techniques. <i>Quaternary Geochronology</i> , 2012, 13, 18-25.	0.6	71
93	Luminescence dating of Pleistocene alluvial sediments affected by the Alhama de Murcia fault (eastern Iberics, Spain) – a comparison between OSL, IRSL and post-IRIR ages. <i>Boreas</i> , 2012, 41, 250-262.	1.2	71
94	Developments in luminescence measurement techniques. <i>Radiation Measurements</i> , 2006, 41, 768-773.	0.7	70
95	Modelling the thermal quenching mechanism in quartz based on time-resolved optically stimulated luminescence. <i>Journal of Luminescence</i> , 2010, 130, 902-909.	1.5	69
96	A new luminescence detection and stimulation head for the RisÅ, TL/OSL reader. <i>Radiation Measurements</i> , 2015, 81, 178-184.	0.7	69
97	Optically Stimulated Luminescence dating supports central Arctic Ocean cm-scale sedimentation rates. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	68
98	Optically stimulated luminescence dating of a Holocene beach ridge plain in Northern Jutland, Denmark. <i>Quaternary Geochronology</i> , 2006, 1, 305-312.	0.6	68
99	Luminescence property of volcanic quartz and the use of red isothermal TL for dating tephras. <i>Radiation Measurements</i> , 2007, 42, 190-197.	0.7	68
100	Luminescence signals from modern sediments in a glaciated bay, NW Svalbard. <i>Quaternary Geochronology</i> , 2012, 10, 250-256.	0.6	67
101	Optically stimulated luminescence (OSL) dating of quartzite cobbles from the Tapada do Montinho archaeological site (east-central Portugal). <i>Boreas</i> , 2012, 41, 452-462.	1.2	67
102	Exploring the method of optical dating and comparison of optical and ¹⁴ C ages of Late Weichselian coversands in the southern Netherlands. <i>Journal of Quaternary Science</i> , 2004, 19, 73-86.	1.1	66
103	The termination of the last major phase of aeolian sand movement, coastal dunefields, Denmark. <i>Earth Surface Processes and Landforms</i> , 2006, 31, 795-808.	1.2	66
104	Minimizing feldspar OSL contamination in quartz UV-OSL using pulsed blue stimulation. <i>Radiation Measurements</i> , 2008, 43, 752-757.	0.7	66
105	Radiation-induced growth and isothermal decay of infrared-stimulated luminescence from feldspar. <i>Radiation Measurements</i> , 2015, 81, 224-231.	0.7	66
106	Using the OSL single-aliquot regenerative-dose protocol with quartz extracted from building materials in retrospective dosimetry. <i>Radiation Measurements</i> , 2000, 32, 841-845.	0.7	65
107	On the importance of grain size in luminescence dating using quartz. <i>Radiation Measurements</i> , 2017, 106, 464-471.	0.7	64
108	Middle to late Pleistocene coastal deposits of Alghero, northwest Sardinia (Italy): Chronology and evolution. <i>Quaternary International</i> , 2010, 222, 3-16.	0.7	63

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109	The dose dependency of the over-dispersion of quartz OSL single grain dose distributions. <i>Radiation Measurements</i> , 2012, 47, 732-739.	0.7	63
110	Scilly Isles, UK: optical dating of a possible tsunami deposit from the 1755 Lisbon earthquake. <i>Quaternary Science Reviews</i> , 2001, 20, 715-718.	1.4	62
111	Time-resolved luminescence from feldspars: New insight into fading. <i>Radiation Measurements</i> , 2006, 41, 790-795.	0.7	62
112	Problems and potential of OSL dating Weichselian and Holocene sediments in Sweden. <i>Quaternary Science Reviews</i> , 2012, 44, 37-50.	1.4	62
113	Kinetics of infrared stimulated luminescence from feldspars. <i>Radiation Measurements</i> , 2015, 81, 242-250.	0.7	62
114	Developments in Optically Stimulated Luminescence Techniques for Dating and Retrospective Dosimetry. <i>Radiation Protection Dosimetry</i> , 1999, 84, 307-315.	0.4	61
115	Luminescence dating of young coastal deposits from New Zealand using feldspar. <i>Geochronometria</i> , 2011, 38, 379-390.	0.2	61
116	OSL-thermochronometry using bedrock quartz: A note of caution. <i>Quaternary Geochronology</i> , 2015, 25, 37-48.	0.6	60
117	Geomorphological correlation of the tectonically displaced Tejo River terraces (Gavião "Chamusca") Tj ETQq1 1 0,784314 rrgBT /Over	0.7	59
118	Late Pleistocene carbonate aeolianites on Mallorca, Western Mediterranean: a luminescence chronology. <i>Quaternary Science Reviews</i> , 2009, 28, 2697-2709.	1.4	59
119	OSL-thermochronometry of feldspar from the KTB borehole, Germany. <i>Earth and Planetary Science Letters</i> , 2015, 423, 232-243.	1.8	59
120	Measurement of natural radioactivity: Calibration and performance of a high-resolution gamma spectrometry facility. <i>Radiation Measurements</i> , 2018, 120, 215-220.	0.7	59
121	Retrospective dosimetry: estimation of the dose to quartz using the single-aliquot regenerative-dose protocol. <i>Applied Radiation and Isotopes</i> , 2000, 52, 831-844.	0.7	58
122	Comparison of quartz OSL protocols using Lateglacial and Holocene dune sands from Brandenburg, Germany. <i>Quaternary Science Reviews</i> , 2001, 20, 731-736.	1.4	58
123	Variation with depth of dose distributions in single grains of quartz extracted from an irradiated concrete block. <i>Radiation Measurements</i> , 2003, 37, 315-321.	0.7	58
124	Towards development of a broadly-applicable SAR TT-OSL dating protocol for quartz. <i>Radiation Measurements</i> , 2009, 44, 639-645.	0.7	58
125	Formation of aeolian dunes on Anholt, Denmark since AD 1560: A record of deforestation and increased storminess. <i>Sedimentary Geology</i> , 2007, 199, 171-187.	1.0	57
126	Stability of the quartz fast-component in insensitive samples. <i>Radiation Measurements</i> , 2006, 41, 878-885.	0.7	56

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127	Dating megafaunal extinction on the Pleistocene Darling Downs, eastern Australia: the promise and pitfalls of dating as a test of extinction hypotheses. <i>Quaternary Science Reviews</i> , 2011, 30, 899-914.	1.4	56
128	On the applicability of post-IR IRSL dating to Japanese loess. <i>Geochronometria</i> , 2011, 38, 369-378.	0.2	56
129	Age of a prehistoric "Rodedian" cult site constrained by sediment and rock surface luminescence dating techniques. <i>Quaternary Geochronology</i> , 2015, 30, 90-99.	0.6	56
130	Was southern Sweden ice free at 19-25ka, or were the post LGM glacial sediments incompletely bleached?. <i>Quaternary Geochronology</i> , 2007, 2, 229-236.	0.6	55
131	Fading characteristics of martian analogue materials and the applicability of a correction procedure. <i>Radiation Measurements</i> , 2008, 43, 672-678.	0.7	54
132	A comparison of OSL ages derived from silt-sized quartz and polymineral grains from Chinese loess. <i>Quaternary Science Reviews</i> , 2003, 22, 991-997.	1.4	53
133	A comparison of TT-OSL and post-IR IRSL dating of coastal deposits on Cap Bon peninsula, north-eastern Tunisia. <i>Quaternary Geochronology</i> , 2012, 10, 209-217.	0.6	53
134	Source and distribution of dissolved radium in the Bega River estuary, Southeastern Australia. <i>Earth and Planetary Science Letters</i> , 1996, 138, 145-155.	1.8	52
135	Optical Dating of Dune Ridges on RÅmÅ, a Barrier Island in the Wadden Sea, Denmark. <i>Journal of Coastal Research</i> , 2007, 23, 1259.	0.1	52
136	High resolution OSL and post-IR IRSL dating of the last interglacial-glacial cycle at the Sanbahuo loess site (northeastern China). <i>Quaternary Geochronology</i> , 2015, 30, 200-206.	0.6	52
137	An OSL dated Middle and Late Quaternary sedimentary record in the Roer Valley Graben (southeastern) Tj ETQq1 1,0784314 rgBT /Ove	1.4	51
138	Luminescence sensitivity changes in natural quartz induced by high temperature annealing: a high frequency EPR and OSL study. <i>Journal Physics D: Applied Physics</i> , 2000, 33, 1007-1017.	1.3	50
139	OSL chronology for a sediment core from the southern Baltic Sea: A continuous sedimentation record since deglaciation. <i>Quaternary Geochronology</i> , 2007, 2, 95-101.	0.6	50
140	Natural-series radionuclides in traditional North Australian aboriginal foods. <i>Journal of Environmental Radioactivity</i> , 1998, 40, 37-58.	0.9	49
141	Optically Stimulated Luminescence (OSL) dating of glacial sediments from Arctic Russia - depositional bleaching and methodological aspects. <i>Boreas</i> , 2006, 35, 587-599.	1.2	47
142	Late Pleistocene coastal evolution of San Giovanni di Sinis, west Sardinia (Western Mediterranean). <i>Sedimentary Geology</i> , 2009, 216, 104-116.	1.0	47
143	Use of radium isotopes to examine pore-water exchange in an estuary. <i>Limnology and Oceanography</i> , 1994, 39, 1917-1927.	1.6	46
144	Luminescence dating on Mars: OSL characteristics of Martian analogue materials and GCR dosimetry. <i>Radiation Measurements</i> , 2006, 41, 755-761.	0.7	46

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145	Infrared stimulated luminescence dating of an Eemian (MIS 5e) site in Denmark using K-feldspar. <i>Boreas</i> , 2011, 40, 46-56.	1.2	46
146	An exceptionally long paleoseismic record of a slow-moving fault: The Alhama de Murcia fault (Eastern Betic shear zone, Spain). <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1474-1494.	1.6	46
147	New luminescence measurement facilities in retrospective dosimetry. <i>Radiation Measurements</i> , 2012, 47, 803-808.	0.7	46
148	Optical dating of young tidal sediments in the Danish Wadden Sea. <i>Quaternary Geochronology</i> , 2007, 2, 89-94.	0.6	45
149	IR-RF dating of sand-sized K-feldspar extracts: A test of accuracy. <i>Radiation Measurements</i> , 2012, 47, 759-765.	0.7	45
150	Mass accumulation rate and monsoon records from Xifeng, Chinese Loess Plateau, based on a luminescence age model. <i>Journal of Quaternary Science</i> , 2016, 31, 391-405.	1.1	45
151	Optical dating of relict sand wedges and composite wedge pseudomorphs in Flanders, Belgium. <i>Boreas</i> , 2009, 38, 160-175.	1.2	44
152	Establishing a luminescence chronology for a palaeosol-loess profile at Tokaj (Hungary): A comparison of quartz OSL and polymineral IRSL signals. <i>Quaternary Geochronology</i> , 2012, 10, 68-74.	0.6	44
153	Optical dating of an Eemian site in Northern Russia using K-feldspar. <i>Radiation Measurements</i> , 2008, 43, 715-720.	0.7	43
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