

# Bo Li

## List of Publications by Year in descending order

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86  
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docs citations

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2767  
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#	ARTICLE	IF	CITATIONS
1	Neandertal and Denisovan DNA from Pleistocene sediments. <i>Science</i> , 2017, 356, 605-608.	6.0	329
2	Luminescence dating of K-feldspar from sediments: A protocol without anomalous fading correction. <i>Quaternary Geochronology</i> , 2011, 6, 468-479.	0.6	274
3	Revised stratigraphy and chronology for <i>Homo floresiensis</i> at Liang Bua in Indonesia. <i>Nature</i> , 2016, 532, 366-369.	13.7	252
4	Loess sedimentation in Tibet: provenance, processes, and link with Quaternary glaciations. <i>Quaternary Science Reviews</i> , 2007, 26, 2265-2280.	1.4	150
5	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
6	Timing of archaic hominin occupation of Denisova Cave in southern Siberia. <i>Nature</i> , 2019, 565, 594-599.	13.7	134
7	Denisovan DNA in Late Pleistocene sediments from Baishiya Karst Cave on the Tibetan Plateau. <i>Science</i> , 2020, 370, 584-587.	6.0	129
8	Earliest hominin occupation of Sulawesi, Indonesia. <i>Nature</i> , 2016, 529, 208-211.	13.7	122
9	Review and assessment of the potential of post-IR IRSL dating methods to circumvent the problem of anomalous fading in feldspar luminescence. <i>Geochronometria</i> , 2014, 41, 178-201.	0.2	116
10	Optical dating in archaeology: thirty years in retrospect and grand challenges for the future. <i>Journal of Archaeological Science</i> , 2015, 56, 41-60.	1.2	110
11	Luminescence dating of Chinese loess beyond 130ka using the non-fading signal from K-feldspar. <i>Quaternary Geochronology</i> , 2012, 10, 24-31.	0.6	105
12	OSL dating of sediments from deserts in northern China. <i>Quaternary Geochronology</i> , 2007, 2, 23-28.	0.6	98
13	Unearthing Neanderthal population history using nuclear and mitochondrial DNA from cave sediments. <i>Science</i> , 2021, 372, .	6.0	86
14	Comparison of estimates using the fast component and the medium component of quartz OSL. <i>Radiation Measurements</i> , 2006, 41, 125-136.	0.7	74
15	Archaeological evidence for two separate dispersals of Neanderthals into southern Siberia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2879-2885.	3.3	71
16	Pleistocene sediment DNA reveals hominin and faunal turnovers at Denisova Cave. <i>Nature</i> , 2021, 595, 399-403.	13.7	67
17	Radiation-induced growth and isothermal decay of infrared-stimulated luminescence from feldspar. <i>Radiation Measurements</i> , 2015, 81, 224-231.	0.7	66
18	Investigations of the dose-dependent anomalous fading rate of feldspar from sediments. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 225502.	1.3	65

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19	Shrinking lakes in Tibet linked to the weakening Asian monsoon in the past 8.2 ka. <i>Quaternary Research</i> , 2013, 80, 189-198.	1.0	65
20	Testing a multi-step post-IR IRSL dating method using polymineral fine grains from Chinese loess. <i>Quaternary Geochronology</i> , 2012, 10, 8-15.	0.6	64
21	Late Middle Pleistocene Levallois stone-tool technology in southwest China. <i>Nature</i> , 2019, 565, 82-85.	13.7	64
22	Distal tephtras of the eastern Lake Victoria basin, equatorial East Africa: correlations, chronology and a context for early modern humans. <i>Quaternary Science Reviews</i> , 2015, 122, 89-111.	1.4	53
23	Investigation of the applicability of standardised growth curves for OSL dating of quartz from Haua Fteah cave, Libya. <i>Quaternary Geochronology</i> , 2016, 35, 1-15.	0.6	52
24	The effect of band-tail states on the thermal stability of the infrared stimulated luminescence from K-feldspar. <i>Journal of Luminescence</i> , 2013, 136, 5-10.	1.5	51
25	Thermal stability of infrared stimulated luminescence of sedimentary K-feldspar. <i>Radiation Measurements</i> , 2011, 46, 29-36.	0.7	48
26	Extending the age limit of luminescence dating using the dose-dependent sensitivity of MET-pIRIR signals from K-feldspar. <i>Quaternary Geochronology</i> , 2013, 17, 55-67.	0.6	48
27	Potential of establishing a "global standardised growth curve"™ (gSGC) for optical dating of quartz from sediments. <i>Quaternary Geochronology</i> , 2015, 27, 94-104.	0.6	48
28	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
29	The evolution of a terrace sequence along the Manas River in the northern foreland basin of Tian Shan, China, as inferred from optical dating. <i>Geomorphology</i> , 2014, 213, 201-212.	1.1	42
30	Construction of a "global standardised growth curve"™ (gSGC) for infrared stimulated luminescence dating of K-feldspar. <i>Quaternary Geochronology</i> , 2015, 27, 119-130.	0.6	41
31	A single-aliquot luminescence dating procedure for K-feldspar based on the dose-dependent MET-pIRIR signal sensitivity. <i>Quaternary Geochronology</i> , 2014, 20, 51-64.	0.6	39
32	On the dose dependency of the bleachable and non-bleachable components of IRSL from K-feldspar: Improved procedures for luminescence dating of Quaternary sediments. <i>Quaternary Geochronology</i> , 2013, 17, 1-13.	0.6	38
33	Luminescence ages for three "Middle Palaeolithic"™ sites in the Nihewan Basin, northern China, and their archaeological and palaeoenvironmental implications. <i>Quaternary Research</i> , 2016, 85, 456-470.	1.0	38
34	Maximum age limitation in luminescence dating of Chinese loess using the multiple-aliquot MET-pIRIR signals from K-feldspar. <i>Quaternary Geochronology</i> , 2015, 30, 207-212.	0.6	35
35	Variability in quartz OSL signals caused by measurement uncertainties: Problems and solutions. <i>Quaternary Geochronology</i> , 2017, 41, 11-25.	0.6	35
36	Studies of thermal stability of charges associated with thermal transfer of OSL from quartz. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 2941-2949.	1.3	34

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37	Dose measurement using the fast component of LM-OSL signals from quartz. <i>Radiation Measurements</i> , 2006, 41, 534-541.	0.7	33
38	Isochron measurements of naturally irradiated K-feldspar grains. <i>Radiation Measurements</i> , 2007, 42, 1315-1327.	0.7	33
39	Observation of unstable fast component in OSL of quartz. <i>Radiation Measurements</i> , 2011, 46, 21-28.	0.7	33
40	A fluvial terrace record of late Quaternary folding rate of the Anjihai anticline in the northern piedmont of Tian Shan, China. <i>Geomorphology</i> , 2017, 278, 91-104.	1.1	33
41	New ages for the Upper Palaeolithic site of Xibaimaying in the Nihewan Basin, northern China: implications for small-tool and microblade industries in north-east Asia during Marine Isotope Stages 2 and 3. <i>Journal of Quaternary Science</i> , 2017, 32, 540-552.	1.1	31
42	Testing of a single grain OSL chronology across the Middle to Upper Palaeolithic transition at Les Cottés (France). <i>Journal of Archaeological Science</i> , 2015, 54, 110-122.	1.2	30
43	Overcoming Environmental Dose Rate Changes in Luminescence Dating of Waterlain Deposits. <i>Geochronometria</i> , 2008, 30, 33-40.	0.2	29
44	Determining the cooling age using luminescence-thermochronology. <i>Tectonophysics</i> , 2012, 580, 242-248.	0.9	29
45	Late Quaternary faulting on the Manas and Hutubi reverse faults in the northern foreland basin of Tian Shan, China. <i>Earth and Planetary Science Letters</i> , 2015, 424, 212-225.	1.8	29
46	Optical dating of aeolian and fluvial sediments in north Tian Shan range, China: Luminescence characteristics and methodological aspects. <i>Quaternary Geochronology</i> , 2015, 30, 161-167.	0.6	28
47	Holocene environmental changes in central Inner Mongolia revealed by luminescence dating of sediments from the Sala Us River valley. <i>Holocene</i> , 2012, 22, 397-404.	0.9	27
48	Holocene climate changes in westerly-dominated areas of central Asia: Evidence from optical dating of two loess sections in Tianshan Mountain, China. <i>Quaternary Geochronology</i> , 2015, 30, 188-193.	0.6	27
49	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
50	Relationships between O isotope equilibrium, mineral alteration and Rb-Sr chronometric validity in granitoids: implications for determination of cooling rate. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 251-271.	1.2	24
51	The chronostratigraphy of the Haua Fteah cave (Cyrenaica, northeast Libya) – Optical dating of early human occupation during Marine Isotope Stages 4, 5 and 6. <i>Journal of Human Evolution</i> , 2017, 105, 69-88.	1.3	24
52	Slip rate of the Aksay segment of Altyn Tagh Fault revealed by OSL dating of river terraces. <i>Quaternary Geochronology</i> , 2012, 10, 291-299.	0.6	23
53	Residual doses and sensitivity change of post IR IRSL signals from potassium feldspar under different bleaching conditions. <i>Geochronometria</i> , 2013, 40, 229-238.	0.2	21
54	Single-grain dating of potassium-rich feldspar grains: Towards a global standardised growth curve for the post-IR IRSL signal. <i>Quaternary Geochronology</i> , 2018, 45, 23-36.	0.6	21

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55	On the intrinsic accuracy and precision of the standardised growth curve (SGC) and global-SGC (gSGC) methods for equivalent dose determination: A simulation study. <i>Radiation Measurements</i> , 2016, 94, 53-64.	0.7	20
56	Comparison of single-aliquot and single-grain MET-pIRIR De results for potassium feldspar samples from the Nihewan Basin, northern China. <i>Quaternary Geochronology</i> , 2020, 56, 101040.	0.6	19
57	Unexpected Convergent Evolution of Nasal Domes between Pleistocene Bovids and Cretaceous Hadrosaur Dinosaurs. <i>Current Biology</i> , 2016, 26, 503-508.	1.8	18
58	Observations of thermal transfer and the slow component of OSL signals from quartz. <i>Radiation Measurements</i> , 2006, 41, 639-648.	0.7	17
59	The relationship between thermal activation energy, infrared stimulated luminescence and anomalous fading of K-feldspars. <i>Radiation Measurements</i> , 2010, 45, 757-763.	0.7	16
60	Infrared stimulated luminescence measurements of single grains of K-rich feldspar for isochron dating. <i>Quaternary Geochronology</i> , 2011, 6, 71-81.	0.6	16
61	Pleistocene glacial history of the New Zealand subantarctic islands. <i>Climate of the Past</i> , 2019, 15, 423-448.	1.3	16
62	Luminescence chronology of the Palaeolithic-Neolithic transition in the Yujiagou site at the Nihewan Basin, northern China. <i>Journal of Quaternary Science</i> , 2019, 34, 125-137.	1.1	16
63	Characteristics of quartz infrared stimulated luminescence (IRSL) at elevated temperatures. <i>Radiation Measurements</i> , 2009, 44, 434-438.	0.7	15
64	Correcting for thermal transfer in OSL measurements of young sediment samples. <i>Radiation Measurements</i> , 2006, 41, 855-861.	0.7	14
65	Holocene environment changes around the Sara Us River, northern China, revealed by optical dating of lacustrine-aeolian sediments. <i>Journal of Asian Earth Sciences</i> , 2016, 120, 184-191.	1.0	14
66	Hominin occupation of the Tibetan Plateau during the Last Interglacial Complex. <i>Quaternary Science Reviews</i> , 2021, 265, 107047.	1.4	14
67	Establishing standardised growth curves (SGCs) for OSL signals from individual grains of quartz: A continental-scale case study. <i>Quaternary Geochronology</i> , 2020, 60, 101107.	0.6	13
68	Barozh 12: Formation processes of a late Middle Paleolithic open-air site in western Armenia. <i>Quaternary Science Reviews</i> , 2020, 236, 106276.	1.4	13
69	Optical dating of K-feldspar grains from Middle Pleistocene lacustrine sediment at Marathousa 1 (Greece). <i>Quaternary International</i> , 2018, 497, 170-177.	0.7	12
70	Validation of the LnTn method for De determination in optical dating of K-feldspar and quartz. <i>Quaternary Geochronology</i> , 2020, 58, 101066.	0.6	12
71	Modelling heterogeneously bleached single-grain equivalent dose distributions: Implications for the reliability of burial dose determination. <i>Quaternary Geochronology</i> , 2020, 60, 101108.	0.6	12
72	Testing the upper limit of luminescence dating based on standardised growth curves for MET-pIRIR signals of K-feldspar grains from northern China. <i>Quaternary Geochronology</i> , 2020, 57, 101063.	0.6	12

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73	Isochron dating of sand-loess-soil deposits from the Mu Us Desert margin, central China. <i>Quaternary Geochronology</i> , 2011, 6, 556-563.	0.6	10
74	Luminescence chronology and lithic technology of Tianhuadong Cave, an early Upper Pleistocene Paleolithic site in southwest China. <i>Quaternary Research</i> , 2020, 94, 121-136.	1.0	10
75	Evidence for Middle Palaeolithic occupation and landscape change in central Armenia at the open-air site of Alapars-1. <i>Quaternary Research</i> , 2021, 99, 223-247.	1.0	10
76	The effect of residual signal on dose measurements using MET-pIRIR signals from K-feldspar. <i>Quaternary Geochronology</i> , 2020, 58, 101065.	0.6	9
77	Composite grains from volcanic terranes: Internal dose rates of supposed <sup>40</sup> K-rich feldspar grains used for optical dating at Liang Bua, Indonesia. <i>Quaternary Geochronology</i> , 2021, 64, 101182.	0.6	9
78	Bayesian analysis of De distributions in optical dating: Towards a robust method for dealing with outliers. <i>Quaternary Geochronology</i> , 2022, 67, 101230.	0.6	8
79	pIRIR and IR-RF dating of archaeological deposits at Badahlin and Gu Myaung Caves – First luminescence ages for Myanmar. <i>Quaternary Geochronology</i> , 2019, 49, 262-270.	0.6	7
80	Multidisciplinary Studies of Chagyrskaya Cave – A Middle Paleolithic Site in Altai. , 2018, , .		7
81	Luminescence-based chronologies for Palaeolithic sites in the Nihewan Basin, northern China: First tests using newly developed optical dating procedures for potassium feldspar grains. <i>Journal of Archaeological Science: Reports</i> , 2015, 3, 31-40.	0.2	6
82	Robust technological readings identify integrated structures typical of the Levallois concept in Guanyindong Cave, south China. <i>National Science Review</i> , 2019, 6, 1096-1099.	4.6	5
83	Establishing a pIRIR procedure for De determination of composite mineral grains from volcanic terranes: A case study of sediments from Liang Bua, Indonesia. <i>Quaternary Geochronology</i> , 2021, 65, 101181.	0.6	5
84	Calibration of a QEM-EDS system for rapid determination of potassium concentrations of feldspar grains used in optical dating. <i>Quaternary Geochronology</i> , 2021, 61, 101123.	0.6	4
85	Study of the relationship between infrared stimulated luminescence and blue light stimulated luminescence for potassium-feldspar from sediments. <i>Radiation Measurements</i> , 2012, 47, 841-845.	0.7	2
86	Bleachability of pIRIR signal from single-grain K-feldspar. <i>Quaternary Geochronology</i> , 2022, 71, 101321.	0.6	1