

Reza Sohbati

List of Publications by Year in descending order

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39
papers

1,725
citations

331642

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docs citations

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1222
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical dating of cobble surfaces determines the chronology of Holocene beach ridges in Greenland. <i>Boreas</i> , 2021, 50, 606-618.	2.4	12
2	OSL surface exposure dating of a lithic quarry in Tibet: Laboratory validation and application. <i>Quaternary Geochronology</i> , 2019, 49, 199-204.	1.4	30
3	Luminescence dating of buried cobble surfaces from sandy beach ridges: a case study from Denmark. <i>Boreas</i> , 2019, 48, 841-855.	2.4	22
4	Erosive Response of Non-Glaciated Pyrenean Headwater Catchments to the Last Major Climate Transition and Establishing Interglacial Conditions. <i>Quaternary</i> , 2019, 2, 17.	2.0	2
5	Optical bleaching front in bedrock revealed by spatially-resolved infrared photoluminescence. <i>Scientific Reports</i> , 2019, 9, 2611.	3.3	25
6	Constraining the timing of palaeosol development in Iranian arid environments using OSL dating. <i>Quaternary Geochronology</i> , 2019, 49, 92-100.	1.4	8
7	Resetting of the luminescence signal in modern riverbed cobbles along the course of the Shiyang River, China. <i>Quaternary Geochronology</i> , 2019, 49, 184-190.	1.4	12
8	Fundamentals of Luminescence Photo- and Thermochronometry. , 2019, , 399-437.		9
9	Timing of lake-level changes for a deep last-glacial Lake Missoula: optical dating of the Garden Gulch area, Montana, USA. <i>Quaternary Science Reviews</i> , 2018, 183, 23-35.	3.0	6
10	Lithological controls on light penetration into rock surfaces – Implications for OSL and IRSL surface exposure dating. <i>Radiation Measurements</i> , 2018, 120, 298-304.	1.4	32
11	Hebei loess section in the Anyemaqen Mountains, northeast Tibetan Plateau: a high-resolution luminescence chronology. <i>Boreas</i> , 2018, 47, 1170-1183.	2.4	22
12	Centennial- to millennial-scale hard rock erosion rates deduced from luminescence-depth profiles. <i>Earth and Planetary Science Letters</i> , 2018, 493, 218-230.	4.4	34
13	First luminescence-depth profiles from boulders from moraine deposits: Insights into glaciation chronology and transport dynamics in Malta valley, Austria. <i>Radiation Measurements</i> , 2018, 120, 281-289.	1.4	38
14	Optimization of laboratory illumination in optical dating. <i>Quaternary Geochronology</i> , 2017, 39, 105-111.	1.4	20
15	Chronology and processes of late Quaternary hillslope sedimentation in the eastern South Island, New Zealand. <i>Journal of Quaternary Science</i> , 2016, 31, 691-712.	2.1	5
16	Optical dating of loessic hillslope sediments constrains timing of prehistoric rockfalls, Christchurch, New Zealand. <i>Journal of Quaternary Science</i> , 2016, 31, 678-690.	2.1	12
17	The effect of test dose and first IR stimulation temperature on post-IR IRSL measurements of rock slices. <i>Geochronometria</i> , 2016, 43, 179-187.	0.8	12
18	Kinetics of infrared stimulated luminescence from feldspars. <i>Radiation Measurements</i> , 2015, 81, 242-250.	1.4	62

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19	Mathematical model quantifies multiple daylight exposure and burial events for rock surfaces using luminescence dating. <i>Radiation Measurements</i> , 2015, 81, 16-22.	1.4	75
20	Age of a prehistoric "Rodedian" cult site constrained by sediment and rock surface luminescence dating techniques. <i>Quaternary Geochronology</i> , 2015, 30, 90-99.	1.4	56
21	Luminescence, Rock Surfaces. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 485-488.	0.1	3
22	Reply to Simon and Reed: Independent and converging results rule out historic disturbance and confirm age constraints for Barrier Canyon rock art. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5604-E5604.	7.1	3
23	Age of Barrier Canyon-style rock art constrained by cross-cutting relations and luminescence dating techniques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12986-12991.	7.1	22
24	Na-rich feldspar as a luminescence dosimeter in infrared stimulated luminescence (IRSL) dating. <i>Radiation Measurements</i> , 2013, 51-52, 67-82.	1.4	25
25	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.	3.0	80
26	Luminescence, Rock Surfaces. , 2013, , 1-1.		5
27	Luminescence, Rock Surfaces. , 2013, , 1-7.		1
28	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.	3.3	46
29	Timing of the deglaciation in southern Patagonia: Testing the applicability of K-Feldspar IRSL. <i>Quaternary Geochronology</i> , 2012, 10, 264-272.	1.4	22
30	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.	1.4	71
31	Luminescence dating of Pleistocene alluvial sediments affected by the Alhama de Murcia fault (eastern Betic, Spain) " a comparison between OSL, IRSL and post-IRIRSL ages. <i>Boreas</i> , 2012, 41, 250-262.	2.4	71
32	A robust feldspar luminescence dating method for Middle and Late Pleistocene sediments. <i>Boreas</i> , 2012, 41, 435-451.	2.4	561
33	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.	2.4	67
34	Records of human occupation from Pleistocene river terrace and aeolian sediments in the Arneiro depression (Lower Tejo River, central eastern Portugal). <i>Geomorphology</i> , 2012, 165-166, 78-90.	2.6	31
35	Optically stimulated luminescence (OSL) as a chronometer for surface exposure dating. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	87
36	Surface exposure dating of non-terrestrial bodies using optically stimulated luminescence: A new method. <i>Icarus</i> , 2012, 221, 160-166.	2.5	38

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37	Palaeoseismicity and pottery: Investigating earthquake and archaeological chronologies on the Hajiarab alluvial fan, Iran. <i>Quaternary International</i> , 2011, 242, 185-195.	1.5	9
38	Investigating the resetting of OSL signals in rock surfaces. <i>Geochronometria</i> , 2011, 38, 249-258.	0.8	87
39	Late Pleistocene–Holocene pedogenesis and palaeoclimate in western Asia from palaeosols of the Central Iranian Plateau. <i>Boreas</i> , 0, , .	2.4	2