

# Morteza Fattahi

## List of Publications by Year in descending order

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44  
papers

1,222  
citations

331670

21  
h-index

377865

34  
g-index

46  
all docs

46  
docs citations

46  
times ranked

799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dating volcanic and related sediments by luminescence methods: a review. <i>Earth-Science Reviews</i> , 2003, 62, 229-264.	9.1	98
2	Extending the time range of luminescence dating using red TL (RTL) from volcanic quartz. <i>Radiation Measurements</i> , 2000, 32, 479-485.	1.4	78
3	Holocene slip-rate on the Sabzevar thrust fault, NE Iran, determined using optically stimulated luminescence (OSL). <i>Earth and Planetary Science Letters</i> , 2006, 245, 673-684.	4.4	74
4	Holocene right-slip rate determined by cosmogenic and OSL dating on the Anar fault, Central Iran. <i>Geophysical Journal International</i> , 2009, 179, 700-710.	2.4	72
5	Slip-rate estimate and past earthquakes on the Doruneh fault, eastern Iran. <i>Geophysical Journal International</i> , 2007, 168, 691-709.	2.4	70
6	A framework of Holocene and Late Pleistocene environmental change in eastern Iran inferred from the dating of periods of alluvial fan abandonment, river terracing, and lake deposition. <i>Quaternary Science Reviews</i> , 2011, 30, 1256-1271.	3.0	58
7	The sustainability of ancient water control techniques in Iran: an overview. <i>Water History</i> , 2018, 10, 13-30.	1.3	47
8	Dating inset terraces and offset fans along the Dehshir Fault (Iran) combining cosmogenic and OSL methods. <i>Geophysical Journal International</i> , 2011, 185, 1147-1174.	2.4	45
9	The late Quaternary slip-rate of the Har-Us-Nuur fault (Mongolian Altai) from cosmogenic <sup>10</sup> Be and luminescence dating. <i>Earth and Planetary Science Letters</i> , 2009, 286, 467-478.	4.4	43
10	Red emission luminescence from quartz and feldspar for dating applications: an overview. <i>Radiation Measurements</i> , 2003, 37, 383-395.	1.4	41
11	An Imperial Frontier of the Sasanian Empire: Further Fieldwork at the Great Wall of Gorgan. <i>Iran</i> , 2007, 45, 95-136.	0.2	41
12	Refining the OSL age of the last earthquake on the Dheshir fault, Central Iran. <i>Quaternary Geochronology</i> , 2010, 5, 286-292.	1.4	39
13	Sasanian Walls, Hinterland Fortresses and Abandoned Ancient Irrigated Landscapes: The 2007 Season on the Great Wall of Gorgan and the Wall of Tammishe. <i>Iran</i> , 2008, 46, 151-178.	0.2	38
14	Holocene slip-rate on the Gowk strike-slip fault and implications for the distribution of tectonic strain in eastern Iran. <i>Geophysical Journal International</i> , 2010, 181, 221-228.	2.4	33
15	Investigations of the performance of quartz single aliquot DE determination procedures. <i>Radiation Measurements</i> , 2000, 32, 585-594.	1.4	31
16	Linear Barriers of Northern Iran: The Great Wall of Gorgan and the Wall of Tammishe. <i>Iran</i> , 2006, 44, 121-173.	0.2	31
17	OSL dating of the Miam Qanat (KÄERIZ) system in NE Iran. <i>Journal of Archaeological Science</i> , 2015, 59, 54-63.	2.4	31
18	Co-seismic, geomorphic, and geologic fold growth associated with the 1978 Tabas-e-Golshan earthquake fault in eastern Iran. <i>Geomorphology</i> , 2015, 237, 98-118.	2.6	27

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19	Kinematic links between the Eastern Mosha Fault and the North Tehran Fault, Alborz range, northern Iran. <i>Tectonophysics</i> , 2014, 622, 81-95.	2.2	25
20	Red luminescence from potassium feldspar for dating applications: a study of some properties relevant for dating. <i>Radiation Measurements</i> , 2003, 37, 647-660.	1.4	23
21	First evidence for large earthquakes on the Deshir Fault, Central Iran Plateau. <i>Terra Nova</i> , 2009, 21, 417-426.	2.1	22
22	Oroclinal bending, distributed thrust and strike-slip faulting, and the accommodation of Arabia-Eurasia convergence in NE Iran since the Oligocene. <i>Geophysical Journal International</i> , 2010, , no-no.	2.4	22
23	New evidence for large earthquakes on the Central Iran plateau: palaeoseismology of the Anar fault. <i>Geophysical Journal International</i> , 2012, 189, 6-18.	2.4	21
24	Dating past earthquakes and related sediments by thermoluminescence methods: A review. <i>Quaternary International</i> , 2009, 199, 104-146.	1.5	19
25	Luminescence dating of the last earthquake of the Sabzevar thrust fault, NE Iran. <i>Quaternary Geochronology</i> , 2007, 2, 284-289.	1.4	18
26	Late Quaternary rates of uplift and shortening at Baatar Hyarhan (Mongolian Altai) with optically stimulated luminescence. <i>Geophysical Journal International</i> , 2009, 177, 259-278.	2.4	17
27	Dating unheated quartz using a single aliquot regeneration-dose red thermoluminescence protocol (SAR RTL). <i>Journal of Luminescence</i> , 2005, 115, 19-31.	3.1	15
28	Interference effects on the photoluminescence spectrum of GaN/InxGa1-xN single quantum well structures. <i>Journal of Luminescence</i> , 2008, 128, 155-160.	3.1	15
29	Absorbed dose evaluation in feldspar using a single-aliquot regenerative-dose (SAR) infrared-stimulated red luminescence protocol. <i>Radiation Measurements</i> , 2004, 38, 127-134.	1.4	14
30	Late Quaternary active faulting and landscape evolution in relation to the Gowk Fault in the South Golbaf Basin, S.E. Iran. <i>Geomorphology</i> , 2014, 204, 334-343.	2.6	13
31	The Potential of Small Mountain River Systems for Paleoenvironmental Reconstructions in Drylands—An Example from the Binaloud Mountains in Northeastern Iran. <i>Geosciences (Switzerland)</i> , 2020, 10, 448.	2.2	10
32	Infrared stimulated red luminescence from Chinese loess: basic observations. <i>Quaternary Science Reviews</i> , 2003, 22, 961-966.	3.0	9
33	Palaeoseismicity and pottery: Investigating earthquake and archaeological chronologies on the Hajjarab alluvial fan, Iran. <i>Quaternary International</i> , 2011, 242, 185-195.	1.5	9
34	Optical dating of potassium feldspar using far-red ( $\lambda > 665\text{nm}$ ) IRSL emissions: a comparative study using fluvial sediments from the Loire River, France. <i>Quaternary Science Reviews</i> , 2003, 22, 1093-1098.	3.0	7
35	Determination of Slip-Rate by Optical Dating of Lake Bed Sediments from the Dasht-E-Bayaz Fault, Ne Iran. <i>Geochronometria</i> , 2015, 42, .	0.8	7
36	Possible soil thermal response to seismic activities in Alborz region (Iran). <i>Natural Hazards and Earth System Sciences</i> , 2010, 10, 459-464.	3.6	5

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37	Employing Minimum age model (MAM) and Finite mixture modeling (FMM) for OSL age determination of two important samples from Ira Trench of North Tehran Fault. <i>Geochronometria</i> , 2016, 43, 38-47.	0.8	4
38	OSL dating of landslide-dammed-lake deposits in the North of Tehran, Iran: 958 Ray-Taleghan/Ruyan earthquake. <i>Quaternary International</i> , 2020, 562, 46-57.	1.5	4
39	A first outline of the Quaternary landscape evolution of the Kashaf Rud River basin in the drylands of northeastern Iran. <i>E&amp;G Quaternary Science Journal</i> , 2021, 70, 145-150.	0.7	3
40	The dependence of orange-red IRSL decay curves of potassium feldspars on sample temperature. <i>Radiation Measurements</i> , 2004, 38, 287-298.	1.4	2
41	Constant Slip Rate on the Doruneh Strike-slip Fault, Iran, Averaged Over Late Pleistocene, Holocene, and Decadal Timescales. <i>Tectonics</i> , 2021, 40, e2020TC006256.	2.8	2
42	The Effect of Thermal Stimulation on the Far-Red and Orange-Red IRSL Signal of a French K-Rich Feldspar: Preliminary Results. <i>Geochronometria</i> , 2009, 34, 15-24.	0.8	1
43	Luminescence, Earthquake and Tectonic Activity. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 456-460.	0.1	1
44	Luminescence Dating, Earthquake, and Tectonic Activity. , 2013, , 1-1.		0