

# Robert Finkel

## List of Publications by Year in descending order

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28  
papers

2,493  
citations

331259

21  
h-index

525886

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Averaged Long-Term Erosion Rates Measured from in Situ-Produced Cosmogenic Nuclides in Alluvial Sediment. <i>Journal of Geology</i> , 1996, 104, 249-257.	0.7	558
2	Erosion rates of alpine bedrock summit surfaces deduced from in situ $^{10}\text{Be}$ and $^{26}\text{Al}$ . <i>Earth and Planetary Science Letters</i> , 1997, 150, 413-425.	1.8	223
3	Sources of in-situ $^{36}\text{Cl}$ in basaltic rocks. Implications for calibration of production rates. <i>Quaternary Geochronology</i> , 2009, 4, 441-461.	0.6	174
4	The CRONUS-Earth Project: A synthesis. <i>Quaternary Geochronology</i> , 2016, 31, 119-154.	0.6	138
5	Quaternary glacial history of the Central Karakoram. <i>Quaternary Science Reviews</i> , 2007, 26, 3384-3405.	1.4	128
6	Earthquake synchrony and clustering on Fucino faults (Central Italy) as revealed from in situ $^{36}\text{Cl}$ exposure dating. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4948-4974.	1.4	128
7	Slip history of the Magnola fault (Apennines, Central Italy) from $^{36}\text{Cl}$ surface exposure dating: evidence for strong earthquakes over the Holocene. <i>Earth and Planetary Science Letters</i> , 2004, 225, 163-176.	1.8	117
8	Post-glacial slip history of the Sparta fault (Greece) determined by $^{36}\text{Cl}$ cosmogenic dating: Evidence for non-periodic earthquakes. <i>Geophysical Research Letters</i> , 2002, 29, 87-1-87-4.	1.5	114
9	Felsenmeer persistence under non-erosive ice in the Torngat and Kaumajet mountains, Quebec and Labrador, as determined by soil weathering and cosmogenic nuclide exposure dating. <i>Canadian Journal of Earth Sciences</i> , 2004, 41, 19-38.	0.6	113
10	Late glacial and holocene $^{10}\text{Be}$ production rates for western Norway. <i>Journal of Quaternary Science</i> , 2012, 27, 89-96.	1.1	99
11	Calibration of cosmogenic $^{36}\text{Cl}$ production rates from Ca and K spallation in lava flows from Mt. Etna ( $38^{\circ}\text{N}$ , Italy) and Payun Matru ( $36^{\circ}\text{S}$ , Argentina). <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2611-2632.	1.6	95
12	Quaternary relief generation by polythermal glacier ice. <i>Earth Surface Processes and Landforms</i> , 2005, 30, 1145-1159.	1.2	79
13	In situ cosmogenic nuclide production rate calibration for the CRONUS-Earth project from Lake Bonneville, Utah, shoreline features. <i>Quaternary Geochronology</i> , 2015, 26, 56-69.	0.6	70
14	Tracing hillslope sediment production and transport with in situ and meteoric $^{10}\text{Be}$ . <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	59
15	Isotopic insights into smoothening of abandoned fan surfaces, Southern California. <i>Quaternary Research</i> , 2006, 66, 109-118.	1.0	46
16	Using in situ cosmogenic $^{10}\text{Be}$ , $^{14}\text{C}$ , and $^{26}\text{Al}$ to decipher the history of polythermal ice sheets on Baffin Island, Arctic Canada. <i>Quaternary Geochronology</i> , 2014, 19, 4-13.	0.6	46
17	Cosmogenically enabled sediment budgeting. <i>Geology</i> , 2005, 33, 133.	2.0	43
18	The deglaciation of Clyde Inlet, northeastern Baffin Island, Arctic Canada. <i>Journal of Quaternary Science</i> , 2007, 22, 223-232.	1.1	43

#	ARTICLE	IF	CITATIONS
19	Using in situ Chlorine-36 cosmonuclide to recover past earthquake histories on limestone normal fault scarps: a reappraisal of methodology and interpretations. <i>Geophysical Journal International</i> , 0, , no-no.	1.0	38
20	Glacial erosion at the fjord onset zone and implications for the organization of ice flow on Baffin Island, Arctic Canada. <i>Geomorphology</i> , 2008, 97, 126-134.	1.1	33
21	Glacial erosion and sediment dispersion from detrital cosmogenic nuclide analyses of till. <i>Quaternary Geochronology</i> , 2006, 1, 29-42.	0.6	32
22	Dates and rates of arid region geomorphic processes. <i>GSA Today</i> , 2006, 16, 4.	1.1	28
23	Reply to comments by Matthias Kuhle on "Quaternary glacial history of the central Karakoram". <i>Quaternary Science Reviews</i> , 2008, 27, 1656-1658.	1.4	19
24	Timing of surficial process changes down a Mojave Desert piedmont. <i>Quaternary Research</i> , 2007, 68, 151-161.	1.0	18
25	Inter-comparison of cosmogenic in-situ $^3\text{He}$ , $^{21}\text{Ne}$ and $^{36}\text{Cl}$ at low latitude along an altitude transect on the SE slope of Kilimanjaro volcano ( $3^{\circ}\text{S}$ , Tanzania). <i>Quaternary Geochronology</i> , 2011, 6, 425-436.	0.6	18
26	CRONUS-Earth calibration samples from the Huancan II moraines, Quelccaya Ice Cap, Peru. <i>Quaternary Geochronology</i> , 2016, 31, 220-236.	0.6	11
27	Long-Term Sediment Generation Rates for the Upper Río Chagres Basin. , 2005, , 297-313.		7
28	A 300-ky history of sand erosion in the Yamin Plain, Negev Desert, Israel. <i>Israel Journal of Earth Sciences</i> , 2009, 58, 29-39.	0.3	2