

# Timothy Stahl

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

747  
citations

759233

12  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface rupture during the 2010 Mw 7.1 Darfield (Canterbury) earthquake: Implications for fault rupture dynamics and seismic-hazard analysis. <i>Geology</i> , 2012, 40, 55-58.	4.4	192
2	Surface Rupture of Multiple Crustal Faults in the 2016 Mw 7.8 Kaikōura, New Zealand, Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1496-1520.	2.3	125
3	The Mw7.8 2016 Kaikōura earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2017, 50, 73-84.	0.5	66
4	Fault kinematics and surface deformation across a releasing bend during the 2010 MW 7.1 Darfield, New Zealand, earthquake revealed by differential LiDAR and cadastral surveying. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 420-431.	3.3	51
5	Preliminary Geometry, Displacement, and Kinematics of Fault Ruptures in the Epicentral Region of the 2016 Mw 7.8 Kaikōura, New Zealand, Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1521-1539.	2.3	50
6	Schmidt hammer exposure age dating (SHD) of late Quaternary fluvial terraces in New Zealand. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 1838-1850.	2.5	44
7	Previously Unknown Fault Shakes New Zealand's South Island. <i>Eos</i> , 2010, 91, 469-470.	0.1	37
8	Strike-slip ground-surface rupture (Greendale Fault) associated with the 4 September 2010 Darfield earthquake, Canterbury, New Zealand. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2011, 44, 283-291.	1.4	34
9	Map of the 2010 Greendale Fault surface rupture, Canterbury, New Zealand: application to land use planning. <i>New Zealand Journal of Geology, and Geophysics</i> , 2012, 55, 223-230.	1.8	32
10	Three-Dimensional Surface Displacements During the 2016 Mw 7.8 Kaikōura Earthquake (New Zealand) From Photogrammetry-Derived Point Clouds. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018739.	3.4	22
11	Coseismic landsliding during the Mw 7.1 Darfield (Canterbury) earthquake: Implications for paleoseismic studies of landslides. <i>Geomorphology</i> , 2014, 214, 114-127.	2.6	18
12	Modeling Earthquake Moment Magnitudes on Imbricate Reverse Faults from Paleoseismic Data: Fox Peak and Forest Creek Faults, South Island, New Zealand. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 2345-2363.	2.3	16
13	Earthquake science in resilient societies. <i>Tectonics</i> , 2017, 36, 749-753.	2.8	13
14	Field estimate of paleoseismic slip on a normal fault using the Schmidt hammer and terrestrial LiDAR: Methods and application to the Hebgen fault (Montana, USA). <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2397-2408.	2.5	12
15	Schmidt hammer and terrestrial laser scanning (TLS) used to detect single-event displacements on the Pleasant Valley fault (Nevada, USA). <i>Earth Surface Processes and Landforms</i> , 2020, 45, 473-483.	2.5	9
16	Tectonic geomorphology of the Fox Peak and Forest Creek Faults, South Canterbury, New Zealand: slip rates, segmentation and earthquake magnitudes. <i>New Zealand Journal of Geology, and Geophysics</i> , 2016, 59, 568-591.	1.8	6
17	Origin and age of The Hillocks and implications for post-glacial landscape development in the upper Lake Wakatipu catchment, New Zealand. <i>Journal of Quaternary Science</i> , 2019, 34, 685-696.	2.1	4
18	Clast transport history influences Schmidt hammer rebound values. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1392-1400.	2.5	4

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19	Impacts of surface fault rupture on residential structures during the 2016 Mw 7.8 Kaikōura earthquake, New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2019, 52, 1-22.	0.5	4
20	Introduction to the Special Issue on the 2016 Kaikōura Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1491-1495.	2.3	3
21	Recent Surface Rupturing Earthquakes along the South Flank of the Greater Caucasus near Tbilisi, Georgia. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 2170-2188.	2.3	3
22	Delayed <sup>10</sup> Be dilution in detrital quartz following extensive coseismic landsliding: A 2016 Kaikōura earthquake case study. <i>Earth and Planetary Science Letters</i> , 2022, 581, 117392.	4.4	2