

Bill Fry

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,721
citations

304743

22
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	An Earthquake Simulator for New Zealand. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 763-778.	2.3	13
2	SMART Subsea Cables for Observing the Earth and Ocean, Mitigating Environmental Hazards, and Supporting the Blue Economy. <i>Frontiers in Earth Science</i> , 2022, 9, .	1.8	13
3	The Influence of Basement Terranes on Tectonic Deformation: Joint Earthquake Travel Time and Ambient Noise Tomography of the Southern South Island, New Zealand. <i>Tectonics</i> , 2022, 41, .	2.8	5
4	Temporal velocity variations in the northern Hikurangi margin and the relation to slow slip. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117443.	4.4	4
5	Dynamic triggering of earthquakes in the North Island of New Zealand following the 2016 Mw 7.8 Kaik�ura earthquake. <i>Earth and Planetary Science Letters</i> , 2021, 557, 116723.	4.4	10
6	Seismicity and velocity structure in the vicinity of repeating slow slip earthquakes, northern Hikurangi subduction zone, New Zealand. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116887.	4.4	6
7	Seismic Constraint on Heterogeneous Deformation and Stress State in the Forearc of the Hikurangi Subduction Zone, New Zealand. <i>The Seismic Record</i> , 2021, 1, 145-153.	3.1	2
8	Three-dimensional <i>P</i> Wave Velocity Structure of the Northern Hikurangi Margin From the NZ3D Experiment: Evidence for Fault-bound Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020433.	3.4	16
9	Characterising microseismicity in a low seismicity region: applications of short-term broadband seismic arrays in Dunedin, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2020, 63, 331-341.	1.8	5
10	Ocean Observations Required to Minimize Uncertainty in Global Tsunami Forecasts, Warnings, and Emergency Response. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	38
11	Episodic stress and fluid pressure cycling in subducting oceanic crust during slow slip. <i>Nature Geoscience</i> , 2019, 12, 475-481.	12.9	101
12	Seismicity at the Northern Hikurangi Margin, New Zealand, and Investigation of the Potential Spatial and Temporal Relationships With a Shallow Slow Slip Event. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4751-4766.	3.4	25
13	Foreshocks and delayed triggering of the 2016 MW7.1 Te Araroa earthquake and dynamic reinvigoration of its aftershock sequence by the MW7.8 Kaik�ura earthquake, New Zealand. <i>Earth and Planetary Science Letters</i> , 2018, 482, 265-276.	4.4	15
14	Remote Triggering of Microearthquakes and Tremor in New Zealand following the 2016 Mw 7.8 Kaik�ura Earthquake. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1784-1793.	2.3	11
15	Multiple Fault, Slow Rupture of the 2016 Mw 7.8 Kaik�ura, New Zealand, Earthquake: Complementary Insights from Teleseismic and Geodetic Data. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1774-1783.	2.3	8
16	Earthquakes and Tremor Linked to Seamount Subduction During Shallow Slow Slip at the Hikurangi Margin, New Zealand. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6769-6783.	3.4	76
17	Joint local earthquake and teleseismic inversion for 3-D velocity and Q in New Zealand. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 283, 48-66.	1.9	10
18	Shear-wave velocity structure of the Tongariro Volcanic Centre, New Zealand: Fast Rayleigh and slow Love waves indicate strong shallow anisotropy. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 336, 33-50.	2.1	12

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19	The 2016 Kaik�ura, New Zealand, Earthquake: Preliminary Seismological Report. Seismological Research Letters, 2017, 88, 727-739.	1.9	170
20	Large-scale dynamic triggering of shallow slow slip enhanced by overlying sedimentary wedge. Nature Geoscience, 2017, 10, 765-770.	12.9	119
21	Insights into fluid transport mechanisms at White Island from analysis of coupled very long-period (VLP), long-period (LP) and high-frequency (HF) earthquakes. Journal of Volcanology and Geothermal Research, 2017, 343, 75-94.	2.1	31
22	A new scheme for joint surface wave and earthquake travel-time inversion and resulting 3-D velocity model for the western North Island, New Zealand. Physics of the Earth and Planetary Interiors, 2017, 269, 98-111.	1.9	6
23	Implications of the Great M_w 9.0 Tohoku-Oki Earthquake on the Understanding of Natural Hazard in Taiwan and New Zealand. Seismological Research Letters, 2016, 87, 1254-1258.	1.9	4
24	Preface to the Focus Section on the Joint Japan-Taiwan-New Zealand National Seismic Hazard Model Collaboration. Seismological Research Letters, 2016, 87, 1236-1239.	1.9	3
25	Understanding the potential for tsunami generated by earthquakes on the southern Hikurangi subduction interface. New Zealand Journal of Geology, and Geophysics, 2016, 59, 70-85.	1.8	8
26	Rapid Earthquake Characterization Using MEMS Accelerometers and Volunteer Hosts Following the M 7.2 Darfield, New Zealand, Earthquake. Bulletin of the Seismological Society of America, 2014, 104, 184-192.	2.3	42
27	Mantle accommodation of lithospheric shortening as seen by combined surface wave and teleseismic imaging in the South Island, New Zealand. Geophysical Journal International, 2014, 199, 499-513.	2.4	13
28	Quake clamps down on slow slip. Geophysical Research Letters, 2014, 41, 8840-8846.	4.0	27
29	Depth variable crustal anisotropy, patterns of crustal weakness, and destructive earthquakes in Canterbury, New Zealand. Earth and Planetary Science Letters, 2014, 392, 50-57.	4.4	7
30	Seismo-acoustic evidence for an avalanche driven phreatic eruption through a beheaded hydrothermal system: An example from the 2012 Tongariro eruption. Journal of Volcanology and Geothermal Research, 2014, 286, 331-347.	2.1	58
31	Tethyan mantle metasomatism creates subduction geochemical signatures in non-arc Cu-Au-Te mineralizing magmas, Apuseni Mountains (Romania). Earth and Planetary Science Letters, 2013, 366, 122-136.	4.4	26
32	The Pegasus Bay aftershock sequence of the Mw 7.1 Darfield (Canterbury), New Zealand earthquake. Geophysical Journal International, 2013, 195, 444-459.	2.4	16
33	The M_w 6.2 Christchurch earthquake of February 2011: preliminary report. New Zealand Journal of Geology, and Geophysics, 2012, 55, 67-90.	1.8	155
34	Comparison between low-cost and traditional MEMS accelerometers: a case study from the M7.1 Darfield, New Zealand, aftershock deployment. Annals of Geophysics, 2012, 54, .	1.0	25
35	Strong shaking in recent New Zealand earthquakes. Eos, 2011, 92, 349-351.	0.1	16
36	Fine-scale Relocation of Aftershocks of the 22 February Mw 6.2 Christchurch Earthquake using Double-difference Tomography. Seismological Research Letters, 2011, 82, 839-845.	1.9	36

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37	The Character of Accelerations in the Mw 6.2 Christchurch Earthquake. <i>Seismological Research Letters</i> , 2011, 82, 846-852.	1.9	37
38	Large Apparent Stresses from the Canterbury Earthquakes of 2010 and 2011. <i>Seismological Research Letters</i> , 2011, 82, 833-838.	1.9	34
39	The Darfield (Canterbury, New Zealand) Mw 7.1 Earthquake of September 2010: A Preliminary Seismological Report. <i>Seismological Research Letters</i> , 2011, 82, 378-386.	1.9	117
40	Layered azimuthal anisotropy of Rayleigh wave phase velocities in the European Alpine lithosphere inferred from ambient noise. <i>Earth and Planetary Science Letters</i> , 2010, 297, 95-102.	4.4	99
41	The Mw 7.6 Dusky Sound earthquake of 2009. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2010, 43, 24-40.	0.5	25
42	The Darfield (Canterbury) earthquake of September 2010. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2010, 43, 215-221.	0.5	43
43	The European Upper Mantle as Seen by Surface Waves. <i>Surveys in Geophysics</i> , 2009, 30, 463-501.	4.6	45
44	Tomography of the Alpine region from observations of seismic ambient noise. <i>Geophysical Journal International</i> , 2009, 178, 338-350.	2.4	157
45	Mojave-Yavapai boundary zone, southwestern United States: A rifting model for the formation of an isotopically mixed crustal boundary zone. <i>Geology</i> , 2006, 34, 681.	4.4	32
46	Seismicity Rate Change as a Tool to Investigate Delayed and Remote Triggering of the 2010-2011 Canterbury Earthquake Sequence, New Zealand. <i>Bulletin of the Seismological Society of America</i> , 0, , .	2.3	0