Martha K Savage

List of Publications by Year
in descending order

140 papers	6,199 citations	76196 40 h-index	74018 75 g-index
145 all docs	145 docs citations	145 times ranked	3527 citing authors

#	Article	IF	Citations
1	TaupÅinflate: illustrating detection limits of magmatic inflation below Lake TaupÅ New Zealand Journal of Geology, and Geophysics, 2023, 66, 571-588.	1.0	6
2	Continuous Tremor Activity With Stable Polarization Direction Following the 2014 Large Slow Slip Event in the Hikurangi Subduction Margin Offshore New Zealand. Journal of Geophysical Research: Solid Earth, 2022, 127, e2021JB022161.	1.4	3
3	Segmentation of Shallow Slow Slip Events at the Hikurangi Subduction Zone Explained by Alongâ€Strike Changes in Fault Geometry and Plate Convergence Rates. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	4
4	Stretching, Shaking, Inflating: Volcanic-Tectonic Interactions at a Rifting Silicic Caldera. Frontiers in Earth Science, 2022, 10, .	0.8	6
5	Temporal velocity variations in the northern Hikurangi margin and the relation to slow slip. Earth and Planetary Science Letters, 2022, 584, 117443.	1.8	4
6	Velocity changes around the KaikÅura earthquake ruptures from ambient noise cross-correlations. Geophysical Journal International, 2022, 229, 1357-1371.	1.0	4
7	Spatial and temporal stress field changes in the focal area of the 2016 KaikÅura earthquake, New Zealand: A multi-fault process interpretation. Tectonophysics, 2022, 835, 229390.	0.9	2
8	Fracturing and pore-fluid distribution in the Marlborough region, New Zealand from body-wave tomography: Implications for regional understanding of the KaikÅura area. Earth and Planetary Science Letters, 2022, 593, 117666.	1.8	3
9	Earthquake Analysis Suggests Dyke Intrusion in 2019 Near Tarawera Volcano, New Zealand. Frontiers in Earth Science, 2021, 8, .	0.8	11
10	The use of mechanical restraint in Pacific Rim countries: an international epidemiological studyâ€"Corrigendum. Epidemiology and Psychiatric Sciences, 2021, 30, .	1.8	0
11	Volcanic Unrest at TaupÅVolcano in 2019: Causes, Mechanisms and Implications. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009803.	1.0	21
12	A quest for unrest in multiparameter observations at Whakaari/White Island volcano, New Zealand 2007â€"2018. Earth, Planets and Space, 2021, 73, .	0.9	19
13	Anisotropy as an indicator for reservoir changes: example from the Rotokawa and Ngatamariki geothermal fields, New Zealand. Geophysical Journal International, 2020, 220, 1-17.	1.0	10
14	Detailed spatiotemporal analysis of the tectonic stress regime near the central Alpine Fault, New Zealand. Tectonophysics, 2020, 775, 228205.	0.9	6
15	Seismic response to evolving injection at the Rotokawa geothermal field, New Zealand. Geothermics, 2020, 85, 101750.	1.5	3
16	Temporal and spatial variations in seismic anisotropy and V/V ratios in a region of slow slip. Earth and Planetary Science Letters, 2020, 532, 115970.	1.8	20
17	Shear wave velocity changes induced by earthquakes and rainfall at the Rotokawa and Ngatamariki geothermal fields, TaupÅVolcanic Zone, New Zealand. Geophysical Journal International, 2020, 221, 97-114.	1.0	6
18	Spatio-temporal analysis of seismic anisotropy associated with the Cook Strait and KaikÅura earthquake sequences in New Zealand. Geophysical Journal International, 2020, 223, 1987-2008.	1.0	11

#	Article	IF	Citations
19	Thank You to Our 2019 Reviewers. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019781.	1.4	0
20	Global quieting of high-frequency seismic noise due to COVID-19 pandemic lockdown measures. Science, 2020, 369, 1338-1343.	6.0	202
21	Hydration of the crust and upper mantle of the Hikurangi Plateau as it subducts at the southern Hikurangi margin. Earth and Planetary Science Letters, 2020, 541, 116271.	1.8	11
22	Crustal Thermal Structure and Exhumation Rates in the Southern Alps Near the Central Alpine Fault, New Zealand. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC008972.	1.0	6
23	Upper Plate Heterogeneity Along the Southern Hikurangi Margin, New Zealand. Geophysical Research Letters, 2020, 47, e2019GL085511.	1.5	11
24	Seismic <i>P</i>ÂWave Velocity Model From 3â€D Surface and Borehole Seismic Data at the Alpine Fault DFDPâ€2 Drill Site (Whataroa, New Zealand). Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018519.	1.4	4
25	The use of mechanical restraint in Pacific Rim countries: an international epidemiological study. Epidemiology and Psychiatric Sciences, 2020, 29, e190.	1.8	18
26	Mapping Stress and Structure From Subducting Slab to Magmatic Rift: Crustal Seismic Anisotropy of the North Island, New Zealand. Geochemistry, Geophysics, Geosystems, 2019, 20, 5038-5056.	1.0	15
27	Crustal imaging of northern Harrat Rahat, Saudi Arabia, from ambient noise tomography. Geophysical Journal International, 2019, 219, 1532-1549.	1.0	2
28	Seismic Response to Injection Well Stimulation in a Highâ€Temperature, Highâ€Permeability Reservoir. Geochemistry, Geophysics, Geosystems, 2019, 20, 2848-2871.	1.0	13
29	Crustal Fault Connectivity of the M_w 7.8 2016 KaikÅura Earthquake Constrained by Aftershock Relocations. Geophysical Research Letters, 2019, 46, 6487-6496.	1.5	29
30	Thank You to Our 2018 Peer Reviewers. Journal of Geophysical Research: Solid Earth, 2019, 124, 3242-3253.	1.4	0
31	Variations in Seismogenic Thickness Along the Central Alpine Fault, New Zealand, Revealed by a Decade's Relocated Microseismicity. Geochemistry, Geophysics, Geosystems, 2019, 20, 470-486.	1.0	21
32	Seismicity at the Northern Hikurangi Margin, New Zealand, and Investigation of the Potential Spatial and Temporal Relationships With a Shallow Slow Slip Event. Journal of Geophysical Research: Solid Earth, 2019, 124, 4751-4766.	1.4	25
33	Volcanic, Coseismic, and Seasonal Changes Detected at White Island (Whakaari) Volcano, New Zealand, Using Seismic Ambient Noise. Geophysical Research Letters, 2019, 46, 99-108.	1.5	32
34	Strength of an obliquely convergent plate boundary: lithospheric stress magnitudes and viscosity in New Zealand. Geophysical Journal International, 2019, 216, 1005-1024.	1.0	12
35	Illumination of deformation by bending stresses and slab pull within the Southern Hikurangi Double Benioff Zone. New Zealand Journal of Geology, and Geophysics, 2019, 62, 111-120.	1.0	4
36	Post-seismic velocity changes following the 2010 Mw 7.1 Darfield earthquake, New Zealand, revealed by ambient seismic field analysis. Geophysical Journal International, 2018, 213, 931-939.	1.0	5

#	Article	IF	Citations
37	Focal mechanisms and inter-event times of low-frequency earthquakes reveal quasi-continuous deformation and triggered slow slip on the deep Alpine Fault. Earth and Planetary Science Letters, 2018, 484, 111-123.	1.8	16
38	The lithosphereâ€"asthenosphere boundary beneath the South Island of New Zealand. Earth and Planetary Science Letters, 2018, 484, 92-102.	1.8	11
39	Shear-wave velocity structure of the Tongariro Volcanic Centre, New Zealand: Fast Rayleigh and slow Love waves indicate strong shallow anisotropy. Journal of Volcanology and Geothermal Research, 2017, 336, 33-50.	0.8	12
40	Extreme hydrothermal conditions at an active plate-bounding fault. Nature, 2017, 546, 137-140.	13.7	84
41	Bedrock geology of DFDP-2B, central Alpine Fault, New Zealand. New Zealand Journal of Geology, and Geophysics, 2017, 60, 497-518.	1.0	24
42	Extension and stress during continental breakup: Seismic anisotropy of the crust in Northern Afar. Earth and Planetary Science Letters, 2017, 477, 41-51.	1.8	15
43	Stress Orientations in a Locked Subduction Zone at the Southern Hikurangi Margin, New Zealand. Journal of Geophysical Research: Solid Earth, 2017, 122, 7895-7911.	1.4	10
44	Petrophysical, Geochemical, and Hydrological Evidence for Extensive Fractureâ€Mediated Fluid and Heat Transport in the Alpine Fault's Hangingâ€Wall Damage Zone. Geochemistry, Geophysics, Geosystems, 2017, 18, 4709-4732.	1.0	31
45	Realâ€Time Earthquake Monitoring during the Second Phase of the Deep Fault Drilling Project, Alpine Fault, New Zealand. Seismological Research Letters, 2017, 88, 1443-1454.	0.8	2
46	Special issue â€œ2016 Kumamoto earthquake sequence and its impact on earthquake science and hazard assessmentâ€. Earth, Planets and Space, 2017, 69, .	0.9	12
47	Stress, strain rate and anisotropy in Kyushu, Japan. Earth and Planetary Science Letters, 2016, 439, 129-142.	1.8	47
48	Inferring shear-velocity structure of the upper 200Âm using cultural ambient noise at the Ngatamariki geothermal field, Central North Island, New Zealand. Interpretation, 2016, 4, SJ87-SJ101.	0.5	3
49	Quantifying seismicity associated with slow slip events in the Hikurangi margin, New Zealand. New Zealand Journal of Geology, and Geophysics, 2016, 59, 58-69.	1.0	15
50	Seismic anisotropy and its precursory change before eruptions at Piton de la Fournaise volcano, La RÃ©union. Journal of Geophysical Research: Solid Earth, 2015, 120, 3430-3458.	1.4	11
51	Fractureâ€related wavefield polarization and seismic anisotropy across the Greendale Fault. Journal of Geophysical Research: Solid Earth, 2015, 120, 7048-7067.	1.4	18
52	Seismic anisotropy of the upper crust around Mount Fuji, Japan. Journal of Geophysical Research: Solid Earth, 2015, 120, 2739-2751.	1.4	29
53	Sâ€wave splitting in the offshore <scp>S</scp>outh <scp>I</scp>sland, <scp>N</scp>ew <scp>Z</scp>ealand: Insights into plateâ€boundary deformation. Geochemistry, Geophysics, Geosystems, 2015, 16, 2829-2847.	1.0	6
54	Shear wave automatic picking and splitting measurements at Ruapehu volcano, New Zealand. Journal of Geophysical Research: Solid Earth, 2015, 120, 3363-3384.	1.4	16

#	Article	IF	Citations
55	SAHKE seismicâ€scatter imaging of subduction beneath Wellington, North Island, New Zealand. Geophysical Research Letters, 2015, 42, 3240-3247.	1.5	6
56	A seismic reflection image for the base of a tectonic plate. Nature, 2015, 518, 85-88.	13.7	100
57	Modeling shear wave splitting due to stressâ€induced anisotropy, with an application to Mount Asama Volcano, Japan. Journal of Geophysical Research: Solid Earth, 2014, 119, 4269-4286.	1.4	8
58	Search for temporal changes in shear-wave splitting associated with the 2012 Te Maari Eruptions at Mount Tongariro, New Zealand. Journal of Volcanology and Geothermal Research, 2014, 286, 277-293.	0.8	6
59	Upper mantle seismic anisotropy at a strike-slip boundary: South Island, New Zealand. Journal of Geophysical Research: Solid Earth, 2014, 119, 1020-1040.	1.4	25
60	Ambient noise crossâ€correlation observations of fundamental and higherâ€mode Rayleigh wave propagation governed by basement resonance. Geophysical Research Letters, 2013, 40, 3556-3561.	1.5	42
61	Seismic anisotropy and lithospheric deformation of the plate-boundary zone in South Island, New Zealand: inferences from local S-wave splitting. Geophysical Journal International, 2013, 193, 507-530.	1.0	23
62	Cumulative rate analysis (CURATE): A clustering algorithm for swarm dominated catalogs. Journal of Geophysical Research: Solid Earth, 2013, 118, 553-569.	1.4	22
63	Crustal stress and fault strength in the Canterbury Plains, New Zealand. Earth and Planetary Science Letters, 2013, 383, 173-181.	1.8	31
64	Silver and Chan revisited. Journal of Geophysical Research: Solid Earth, 2013, 118, 5500-5515.	1.4	80
65	SAHKE geophysical transect reveals crustal and subduction zone structure at the southern Hikurangi margin, New Zealand. Geochemistry, Geophysics, Geosystems, 2013, 14, 2063-2083.	1.0	52
66	Highâ€resolution relocation of aftershocks of the M_w 7.1 Darfield, New Zealand, earthquake and implications for fault activity. Journal of Geophysical Research: Solid Earth, 2013, 118, 4184-4195.	1.4	19
67	Temporal and spatial evolution of hypocentres and anisotropy from the Darfield aftershock sequence: implications for fault geometry and age. New Zealand Journal of Geology, and Geophysics, 2012, 55, 287-293.	1.0	17
68	Tracking volcanic and geothermal activity in the Tongariro Volcanic Centre, New Zealand, with shear wave splitting tomography. Journal of Volcanology and Geothermal Research, 2012, 223-224, 1-10.	0.8	26
69	Crustal shear wave tomography of the Taupo Volcanic Zone, New Zealand, via ambient noise correlation between multiple threeâ€component networks. Geochemistry, Geophysics, Geosystems, 2011, 12, .	1.0	22
70	Analysis and forward modeling of seismic anisotropy during the ongoing eruption of the SoufriÃ¨re Hills Volcano, Montserrat, 1996â€“2007. Journal of Geophysical Research, 2011, 116, .	3.3	27
71	The Erua earthquake cluster and seismic anisotropy in the Ruapehu region, New Zealand. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	18
72	Distinguishing between stress-induced and structural anisotropy at Mount Ruapehu volcano, New Zealand. Journal of Geophysical Research, 2011, 116, .	3.3	65

#	Article	IF	Citations
73	Shear wave splitting,<i>v</i>_{<i>P</i>}/<i>v</i>_{<i>S</i>}, and GPS during a time of enhanced activity at Aso caldera, Kyushu. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	41
74	A major step in the continental Moho and its geodynamic consequences: the Taranaki-Ruapehu line, New Zealand. Geophysical Journal International, 2011, 186, 32-44.	1.0	28
75	The role of fluids in earthquake generation in the 2009 M_w6.3 L'Aquila, Italy, earthquake and its foreshocks: Figure 1.. Geology, 2010, 38, 1055-1056.	2.0	19
76	Changes in attenuation related to eruptions of Mt. Ruapehu Volcano, New Zealand. Journal of Volcanology and Geothermal Research, 2010, 190, 168-178.	0.8	22
77	Crustâ€“mantle structure of the central North Island, New Zealand, based on seismological observations. Journal of Volcanology and Geothermal Research, 2010, 190, 58-74.	0.8	30
78	Shear velocity structure of the Northland Peninsula, New Zealand, inferred from ambient noise correlations. Journal of Geophysical Research, 2010, 115, .	3.3	22
79	Anisotropy, repeating earthquakes, and seismicity associated with the 2008 eruption of Okmok volcano, Alaska. Journal of Geophysical Research, 2010, 115, .	3.3	48
80	Automatic measurement of shear wave splitting and applications to time varying anisotropy at Mount Ruapehu volcano, New Zealand. Journal of Geophysical Research, 2010, 115, .	3.3	95
81	Stress magnitude and its temporal variation at Mt. Asama Volcano, Japan, from seismic anisotropy and GPS. Earth and Planetary Science Letters, 2010, 290, 403-414.	1.8	47
82	Seismicity in the Rotorua and Kawerau geothermal systems, Taupo Volcanic Zone, New Zealand, based on improved velocity models and cross-correlation measurements. Journal of Volcanology and Geothermal Research, 2009, 180, 50-66.	0.8	23
83	Modelling seismic anisotropy variations across the Hikurangi subduction margin, New Zealand. Earth and Planetary Science Letters, 2009, 285, 16-26.	1.8	25
84	Strong variations in seismic anisotropy across the Hikurangi subduction zone, North Island, New Zealand. Tectonophysics, 2008, 462, 7-21.	0.9	40
85	Differences between spontaneous and triggered earthquakes: Their influences on foreshock probabilities. Journal of Geophysical Research, 2008, 113, .	3.3	44
86	Time-, Distance-, and Magnitude-Dependent Foreshock Probability Model for New Zealand. Bulletin of the Seismological Society of America, 2008, 98, 2149-2160.	1.1	7
87	Seismic anisotropy in South Island, New Zealand. Geophysical Monograph Series, 2007, , 95-114.	0.1	7
88	Crustal thickness and Pn anisotropy beneath the Southern Alps Oblique Collision, New Zealand. Geophysical Monograph Series, 2007, , 115-122.	0.1	4
89	Modeling strain and anisotropy along the Alpine Fault, South Island, New Zealand. Geophysical Monograph Series, 2007, , 289-305.	0.1	5
90	Illuminating the plate interface structure beneath Cook Strait, New Zealand, with receiver functions. Journal of Geophysical Research, 2007, 112, .	3.3	10

#	Article	IF	Citations
91	Velocity and anisotropy structure at the Hikurangi subduction margin, New Zealand from receiver functions. Geophysical Journal International, 2007, 168, 1034-1050.	1.0	35
92	Crust and mantle thickening beneath the southern portion of the Southern Alps, New Zealand. Geophysical Journal International, 2007, 168, 681-690.	1.0	28
93	Imaging the Hikurangi subduction zone, New Zealand, using teleseismic receiver functions: crustal fluids above the forearc mantle wedge. Geophysical Journal International, 2007, 169, 602-616.	1.0	20
94	Ambient noise Rayleigh wave tomography of New Zealand. Geophysical Journal International, 2007, 170, 649-666.	1.0	255
95	Modelling ground motion in the Hutt Valley, New Zealand. Bulletin of the New Zealand Society for Earthquake Engineering, 2007, 40, 190-199.	0.2	0
96	Implications for intraplate volcanism and back-arc deformation in northwestern New Zealand, from joint inversion of receiver functions and surface waves. Geophysical Journal International, 2006, 166, 1466-1483.	1.0	70
97	Earthquake source mechanism analysis for events between 1992 and 1997 using sparse New Zealand broadband data. New Zealand Journal of Geology, and Geophysics, 2006, 49, 75-89.	1.0	7
98	Mantle tectonics beneath New Zealand inferred fromSKSsplitting and petrophysics. Geophysical Journal International, 2005, 163, 760-774.	1.0	24
99	Stress and crustal anisotropy in Marlborough, New Zealand: evidence for low fault strength and structure-controlled anisotropy. Geophysical Journal International, 2005, 163, 1073-1086.	1.0	102
100	Seismic Anisotropy Beneath Ruapehu Volcano: A Possible Eruption Forecasting Tool. Science, 2004, 306, 1543-1547.	6.0	140
101	Strain modelling, seismic anisotropy and coupling at strike-slip boundaries: applications in New Zealand and the San Andreas fault. Geological Society Special Publication, 2004, 227, 9-39.	0.8	15
102	Modelling shear wave splitting observations from Wellington, New Zealand. Geophysical Journal International, 2004, 157, 853-864.	1.0	17
103	Anisotropic structure under a back arc spreading region, the Taupo Volcanic Zone, New Zealand. Journal of Geophysical Research, 2004, 109, .	3.3	63
104	Shear-wave splitting variations across an array in the southern North Island, New Zealand. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	7
105	Geographical distributions of prospective foreshock probabilities in New Zealand. New Zealand Journal of Geology, and Geophysics, 2004, 47, 327-339.	1.0	7
106	Absent anisotropy: The paradox of the Southern Alps orogen. Geophysical Research Letters, 2003, 30, .	1.5	10
107	Seismic Anisotropy and Mantle Deformation in the Western United States and Southwestern Canada. International Geology Review, 2002, 44, 913-937.	1.1	11
108	Relationship between crustal finite strain and seismic anisotropy in the mantle, Pacific-Australia plate boundary zone, South Island, New Zealand. Geophysical Journal International, 2002, 151, 106-116.	1.0	48

#	Article	IF	Citations
109	The 1992 Little Skull Mountain Earthquake Sequence, Southern Nevada Test Site. Bulletin of the Seismological Society of America, 2001, 91, 1595-1606.	1.1	18
110	Changes in Seismic Anisotropy After Volcanic Eruptions: Evidence from Mount Ruapehu. Science, 2001, 293, 2231-2233.	6.0	97
111	Distribution of seismic anisotropy in the subduction zone beneath the Wellington region, New Zealand. Geophysical Journal International, 2000, 140, 1-10.	1.0	54
112	Seismic anisotropy and mantle flow from the Great Basin to the Great Plains, western United States. Journal of Geophysical Research, 2000, 105, 13715-13734.	3.3	76
113	Foreshock probabilities in New Zealand. New Zealand Journal of Geology, and Geophysics, 2000, 43, 461-469.	1.0	17
114	Seismic anisotropy from local earthquakes in the transition region from a subduction to a strike-slip plate boundary, New Zealand. Journal of Geophysical Research, 2000, 105, 8013-8033.	3.3	56
115	Continuous Deformation Versus Faulting Through the Continental Lithosphere of New Zealand. Science, 1999, 286, 516-519.	6.0	131
116	Seismic anisotropy and mantle deformation: What have we learned from shear wave splitting?. Reviews of Geophysics, 1999, 37, 65-106.	9.0	1,048
117	Upper mantle anisotropy in the New Zealand Region. Geophysical Research Letters, 1999, 26, 1497-1500.	1.5	73
118	Seismic anisotropy beneath the lower half of the North Island, New Zealand. Journal of Geophysical Research, 1999, 104, 20277-20286.	3.3	60
119	Lower crustal anisotropy or dipping boundaries? Effects on receiver functions and a case study in New Zealand. Journal of Geophysical Research, 1998, 103, 15069-15087.	3.3	250
120	Frequency-dependent anisotropy in Wellington, New Zealand. Geophysical Research Letters, 1997, 24, 3297-3300.	1.5	99
121	Contrasting lithospheric structure between the Colorado Plateau and Great Basin: Initial results from Colorado Plateau - Great Basin PASSCAL Experiment. Geophysical Research Letters, 1997, 24, 2609-2612.	1.5	28
122	Shear wave splitting across the Rocky Mountain Front. Geophysical Research Letters, 1996, 23, 2267-2270.	1.5	32
123	Passive seismic imaging using microearthquakes. Geophysics, 1995, 60, 1178-1186.	1.4	51
124	â€œStrongâ€•Ground motions in North America from the Bolivia Earthquake of June 9, 1994 (Mw=8.3). Geophysical Research Letters, 1995, 22, 2293-2296.	1.5	11
125	Shear-wave splitting beneath western United States in relation to plate tectonics. Journal of Geophysical Research, 1995, 100, 18135-18149.	3.3	106
126	A local-magnitude scale for the western Great Basin-eastern Sierra Nevada from synthetic Wood-Anderson seismograms. Bulletin of the Seismological Society of America, 1995, 85, 1236-1243.	1.1	43

#	Article	IF	Citations
127	Receiver Function Inversion Using Genetic Algorithms. , 1995, , 583-588.		1
128	Anisotropy and rift systems. Nature, 1994, 371, 105-106.	13.7	0
129	Double-layer anisotropy resolved fromSphases. Geophysical Journal International, 1994, 117, 653-664.	1.0	59
130	The Interpretation of Shear-Wave Splitting Parameters In the Presence of Two Anisotropic Layers. Geophysical Journal International, 1994, 119, 949-963.	1.0	496
131	Earthquake refraction profiles of the root of the Sierra Nevada. Tectonics, 1994, 13, 803-817.	1.3	19
132	Mantle deformation and tectonics: constraints from seismic anisotropy in the western United States. Physics of the Earth and Planetary Interiors, 1993, 78, 207-227.	0.7	176
133	Reply to comment by C. H. Thurber on â€œA search for seismic reflections from the top of the oceanic crust beneath Hawaiiâ€• Bulletin of the Seismological Society of America, 1991, 81, 1035-1041.	1.1	1
134	Observations of teleseismic shearâ€•wave splitting in the basin and range from portable and permanent stations. Geophysical Research Letters, 1990, 17, 21-24.	1.5	68
135	Shear wave anisotropy and stress direction in and near Long Valley Caldera, California, 1979â€“1988. Journal of Geophysical Research, 1990, 95, 11165-11177.	3.3	91
136	Shear-wave anisotropy of active tectonic regions via automated S-wave polarization analysis. Tectonophysics, 1989, 165, 279-292.	0.9	70
137	Comment on â€œApparent stresses, stress drops, and amplitude ratios of earthquakes preceding and following the 1975 Hawaii <i>MS</i> = 7.2 main shockâ€•by F. R. ZuÃ±iga, M. Wyss, and M. E. Wilson. Bulletin of the Seismological Society of America, 1989, 79, 1300-1304.	1.1	2
138	Aftershocks of an<i>M</i>= 4.2 earthquake in Hawaii and comparison with long-term studies of the same volume. Bulletin of the Seismological Society of America, 1985, 75, 759-777.	1.1	13
139	Calculations on the effect of the surface potential barrier in LEED. Surface Science, 1981, 108, 435-445.	0.8	73
140	3D active source seismic imaging of the Alpine Fault zone and the Whataroa glacial valley in New Zealand. Journal of Geophysical Research: Solid Earth, 0, , .	1.4	2