

Damage to the shallow Landers fault from the nearby H

Nature

421, 524-526

DOI: [10.1038/nature01354](https://doi.org/10.1038/nature01354)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Near-fault anisotropy following the Hector Mine earthquake. Journal of Geophysical Research, 2003, 108, .	3.3	78
2	Long-term seismogenesis and self-organized criticality. Earth, Planets and Space, 2004, 56, 749-760.	0.9	6
3	Temperature fields generated by the elastodynamic propagation of shear cracks in the Earth. Journal of Geophysical Research, 2004, 109, .	3.3	51
4	Probing the mechanical properties of seismically active crust with space geodesy: Study of the coseismic deformation due to the 1992Mw7.3 Landers (southern California) earthquake. Journal of Geophysical Research, 2004, 109, .	3.3	189
5	Effects of normal stress variation on the strength and stability of creeping faults. Journal of Geophysical Research, 2004, 109, .	3.3	67
6	Monitoring change in volcanic interiors using coda wave interferometry: Application to Arenal Volcano, Costa Rica. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	37
7	Nonlinear strong ground motion in the ML5.4 Chittenden earthquake: Evidence that preexisting damage increases susceptibility to further damage. Geophysical Research Letters, 2004, 31, .	1.5	47
8	Evidence for Widespread Nonlinear Strong Ground Motion in the MW 6.9 Loma Prieta Earthquake. Bulletin of the Seismological Society of America, 2004, 94, 1595-1608.	1.1	114
9	Controls on damage zone asymmetry of a normal fault zone: outcrop analyses of a segment of the Moab fault, SE Utah. Journal of Structural Geology, 2005, 27, 1803-1822.	1.0	177
10	Systematic variations in recurrence interval and moment of repeating aftershocks. Geophysical Research Letters, 2005, 32, .	1.5	59
11	Depth constraints on nonlinear strong ground motion from the 2004 Parkfield earthquake. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	93
12	Seismic Evidence for Rock Damage and Healing on the San Andreas Fault Associated with the 2004 M 6.0 Parkfield Earthquake. Bulletin of the Seismological Society of America, 2006, 96, S349-S363.	1.1	159
13	Temporal Changes of Shallow Seismic Velocity Around the Karadere-DÃ¼zce Branch of the North Anatolian Fault and Strong Ground Motion. Pure and Applied Geophysics, 2006, 163, 567-600.	0.8	220
14	Temporal change in permeability of the Nojima fault zone by repeated water injection experiments. Tectonophysics, 2007, 443, 183-192.	0.9	48
15	Seismic velocity variations on the San Andreas fault caused by the 2004 M6 Parkfield Earthquake and their implications. Earth, Planets and Space, 2007, 59, 21-31.	0.9	35
16	Seismic velocity reductions caused by the 2003 Tokachi-Oki earthquake. Journal of Geophysical Research, 2007, 112, .	3.3	76
17	Spatial variability and non-linearity of strong ground motion near a fault. Geophysical Journal International, 2007, 170, 262-274.	1.0	37
18	Critical deformation rate of fracture zones. Doklady Earth Sciences, 2008, 418, 132-135.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Detecting seismogenic stress evolution and constraining fault zone rheology in the San Andreas Fault following the 2004 Parkfield earthquake. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	22
20	A physical model for widespread near-surface and fault zone damage induced by earthquakes. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	59
21	Experimental measurements of permeability evolution during triaxial compression of initially intact crystalline rocks and implications for fluid flow in fault zones. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	178
22	Postseismic Relaxation Along the San Andreas Fault at Parkfield from Continuous Seismological Observations. <i>Science</i> , 2008, 321, 1478-1481.	6.0	590
23	Earthquakes Promote Bacterial Genetic Exchange in Serpentinite Crevices. <i>Astrobiology</i> , 2009, 9, 289-295.	1.5	5
24	Temporal changes of surface wave velocity associated with major Sumatra earthquakes from ambient noise correlation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14207-14212.	3.3	34
25	Seismic and geodetic evidence for extensive, long-lived fault damage zones. <i>Geology</i> , 2009, 37, 315-318.	2.0	222
26	Non-linearity and temporal changes of fault zone site response associated with strong ground motion. <i>Geophysical Journal International</i> , 2009, 176, 265-278.	1.0	99
27	Three-dimensional models of elastostatic deformation in heterogeneous media, with applications to the Eastern California Shear Zone. <i>Geophysical Journal International</i> , 2009, 179, 500-520.	1.0	50
28	Temporal changes of seismic velocity and anisotropy in the shallow crust induced by the 1999 October 22 <i>M</i> _{6.4} Chia-Yi, Taiwan earthquake. <i>Geophysical Journal International</i> , 2009, 179, 1800-1816.	1.0	24
29	Depth extent of damage zones around the central Calaveras fault from waveform analysis of repeating earthquakes. <i>Geophysical Journal International</i> , 2009, 179, 1817-1830.	1.0	30
30	Shallow fault-zone dilatancy recovery after the 2003 Bam earthquake in Iran. <i>Nature</i> , 2009, 458, 64-68.	13.7	113
31	Distinct asymmetry in rupture-induced inelastic strain across dipping faults: An off-fault yielding model. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	20
32	A pressure solution creep law for quartz from indentation experiments. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	86
33	Sudden drop of seismic velocity after the 2004 <i>M</i> _{6.6} Niigata earthquake, Japan, observed with Passive Image Interferometry. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	122
34	Can compliant fault zones be used to measure absolute stresses in the upper crust?. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	14
35	Coseismic Velocity Change in the Rupture Zone of the 2008 <i>M</i> _{7.9} Wenchuan Earthquake Observed from Ambient Seismic Noise. <i>Bulletin of the Seismological Society of America</i> , 2010, 100, 2539-2550.	1.1	33
36	Detecting remotely triggered temporal changes around the Parkfield section of the San Andreas fault. <i>Earthquake Science</i> , 2010, 23, 497-509.	0.4	11

#	ARTICLE	IF	CITATIONS
37	Comparison of four techniques for estimating temporal change of seismic velocity with passive image interferometry. <i>Earthquake Science</i> , 2010, 23, 511-518.	0.4	11
38	A review of recent developments concerning the structure, mechanics and fluid flow properties of fault zones. <i>Journal of Structural Geology</i> , 2010, 32, 1557-1575.	1.0	1,038
39	Shallow low-velocity zone of the San Jacinto fault from local earthquake waveform modelling. <i>Geophysical Journal International</i> , 2010, 183, 421-432.	1.0	61
40	Seismic velocity decrease and recovery related to earthquake swarms in a geothermal area. <i>Earth, Planets and Space</i> , 2010, 62, 685-691.	0.9	29
41	Temporal Variations in Crustal Scattering Structure near Parkfield, California, Using Receiver Functions. <i>Bulletin of the Seismological Society of America</i> , 2010, 100, 1356-1362.	1.1	23
42	Inelastic off-fault response and three-dimensional dynamics of earthquake rupture on a strike-slip fault. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	69
43	Coseismic velocity variations caused by static stress changes associated with the 2001 $M_w = 4.3$ Agios Ioanis earthquake in the Gulf of Corinth, Greece. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	10
44	Inelastic response of compliant fault zones to nearby earthquakes. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	11
45	Deformation of compliant fault zones induced by nearby earthquakes: Theoretical investigations in two dimensions. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	8
46	Near-surface weakening in Japan after the 2011 Tohoku-Oki earthquake. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	117
47	Observations of changes in waveform character induced by the 1999 Mw7.6 Chi-Chi earthquake. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	12
48	Comment on "Deformation of compliant fault zones induced by nearby earthquakes: Theoretical investigations in two dimensions" by Benchun Duan et al.. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	2
49	Reply to comment by Y. Fialko on "Deformation of compliant fault zones induced by nearby earthquakes: Theoretical investigations in two dimensions". <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	1
50	Refraction of Fault-Zone Guided Seismic Waves. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 1674-1682.	1.1	4
51	Passive image interferometry for monitoring crustal changes with ambient seismic noise. <i>Comptes Rendus - Geoscience</i> , 2011, 343, 639-651.	0.4	48
52	Seismic Imaging of Scatterer Migration Associated with the 2004 Parkfield Earthquake Using Waveform Data of Repeating Earthquakes and Active Sources. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 1291-1301.	1.1	3
53	Dynamic triggering of shallow earthquakes near Beijing, China. <i>Geophysical Journal International</i> , 2011, 185, 1321-1334.	1.0	36
54	Seismic structures of the Calico fault zone inferred from local earthquake travel time modelling. <i>Geophysical Journal International</i> , 2011, 186, 760-770.	1.0	52

#	ARTICLE	IF	CITATIONS
55	Shallow slip deficit due to large strike-slip earthquakes in dynamic rupture simulations with elasto-plastic off-fault response. <i>Geophysical Journal International</i> , 2011, 186, 1389-1403.	1.0	131
56	Reactivation tendency analysis: A theory for predicting the temporal evolution of preexisting weakness under uniform stress state. <i>Tectonophysics</i> , 2011, 503, 195-200.	0.9	51
57	Long-term change of site response after the M W 9.0 Tohoku earthquake in Japan. <i>Earth, Planets and Space</i> , 2012, 64, 1259-1266.	0.9	16
58	Understanding of dynamic earthquake slip behavior using damage as a tensor variable: Microcrack distribution, orientation, and mode and secondary faulting. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
59	Strength evolution of a reactive frictional interface is controlled by the dynamics of contacts and chemical effects. <i>Earth and Planetary Science Letters</i> , 2012, 341-344, 20-34.	1.8	48
60	Towards quantifying the matrix permeability of fault damage zones in low porosity rocks. <i>Earth and Planetary Science Letters</i> , 2012, 339-340, 24-31.	1.8	138
61	Seismic and aseismic slip evolution and deformation associated with the 2009-2010 northern Malawi earthquake swarm, East African Rift. <i>Geophysical Journal International</i> , 2012, , no-no.	1.0	17
62	Estimating near-surface shear wave velocities in Japan by applying seismic interferometry to Kik-net data. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	94
63	Monitoring seismic velocity change caused by the 2011 Tohoku-oki earthquake using ambient noise records. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	85
64	Using repeated sources to quantitatively determine temporal change of medium properties: Theory and an example. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
65	Coseismic damage and softening of fault rocks at seismogenic depths. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 219-230.	1.8	30
66	Spurious velocity changes caused by temporal variations in ambient noise frequency content. <i>Geophysical Journal International</i> , 2013, 194, 1574-1581.	1.0	97
67	Temporal Velocity Changes in the Crust Associated with the Great Sumatra Earthquakes. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 2797-2809.	1.1	11
68	Effects of shear heating, slip-induced dilatancy and fluid flow on diversity of 1-d dynamic earthquake slip. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 2100-2120.	1.4	12
69	Chapter 5. Subsurface Rupture Structure of the M7.1 Darfield and M6.3 Christchurch Earthquake Sequence Viewed with Fault-Zone Trapped Waves. , 2014, , 249-322.		0
70	Coseismic velocity change associated with the 2011 Van earthquake ($M < i > 7.1$): Crustal response to a major event. <i>Geophysical Research Letters</i> , 2014, 41, 4519-4526.	1.5	10
71	Rock Damage Structure of the South Longmen-Shan Fault in the 2008 $M < i > 8$ Wenchuan Earthquake Viewed with Fault-Zone Trapped Waves and Scientific Drilling. <i>Acta Geologica Sinica</i> , 2014, 88, 444-467.	0.8	11
72	Fault damage zones of the M7.1 Darfield and M6.3 Christchurch earthquakes characterized by fault-zone trapped waves. <i>Tectonophysics</i> , 2014, 618, 79-101.	0.9	39

#	ARTICLE	IF	CITATIONS
73	Inelastic response of compliant fault zones to nearby earthquakes in three dimensions. <i>Tectonophysics</i> , 2014, 612-613, 56-62.	0.9	3
74	Off-fault long-term damage: A condition to account for generic, triangular earthquake slip profiles. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1476-1493.	1.0	44
75	Imaging along-strike variations in mechanical properties of the Gofar transform fault, East Pacific Rise. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 7175-7194.	1.4	69
76	Evolution of elastic wave speed during shear-induced damage and healing within laboratory fault zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 4821-4840.	1.4	24
77	Near-surface versus fault zone damage following the 1999 Chi-Chi earthquake: Observation and simulation of repeating earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2426-2445.	1.4	10
78	Fault Zone Guided Wave generation on the locked, late interseismic Alpine Fault, New Zealand. <i>Geophysical Research Letters</i> , 2015, 42, 5736-5743.	1.5	28
79	Recent advances in imaging crustal fault zones: a review. <i>Earthquake Science</i> , 2015, 28, 151-162.	0.4	53
80	Elastic and inelastic responses of compliant fault zones to nearby earthquakes in three dimensions: a parameter-space study. <i>Geophysical Journal International</i> , 2015, 201, 1195-1214.	1.0	2
81	The where and how of faults, fluids and permeability – insights from fault stepovers, scaling properties and gold mineralisation. <i>Geofluids</i> , 2015, 15, 240-251.	0.3	65
82	Auto Correlation Analysis of Coda Waves from Local Earthquakes for Detecting Temporal Changes in Shallow Subsurface Structures: the 2011 Tohoku-Oki, Japan Earthquake. <i>Pure and Applied Geophysics</i> , 2015, 172, 213-224.	0.8	17
84	Changes in permeability of the Nojima fault damage zone inferred from repeated water injection experiments. <i>Earth, Planets and Space</i> , 2016, 68, .	0.9	10
85	On the evolution of elastic properties during laboratory stick-slip experiments spanning the transition from slow slip to dynamic rupture. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8569-8594.	1.4	61
86	4-D noise-based seismology at volcanoes: Ongoing efforts and perspectives. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 321, 182-195.	0.8	39
87	Laboratory observations of time-dependent frictional strengthening and stress relaxation in natural and synthetic fault gouges. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1183-1201.	1.4	82
88	Kinematic Ground-Motion Simulations on Rough Faults Including Effects of 3D Stochastic Velocity Perturbations. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 2136-2153.	1.1	136
89	Subsurface Fault Damage Zone of the 2014 M _w 6.0 South Napa, California, Earthquake Viewed from Fault-Plane Trapped Waves. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 2747-2763.	1.1	14
90	Response of hydrothermal system to stress transients at Lassen Volcanic Center, California, inferred from seismic interferometry with ambient noise. <i>Earth, Planets and Space</i> , 2016, 68, .	0.9	30
91	Time-dependent inner core structures examined using repeating earthquakes in subduction zones of the southwest Pacific. <i>Geophysical Journal International</i> , 2016, 204, 1204-1215.	1.0	9

#	ARTICLE	IF	CITATIONS
92	Intermittent tremor migrations beneath Guerrero, Mexico, and implications for fault healing within the slow slip zone. <i>Geophysical Research Letters</i> , 2017, 44, 760-770.	1.5	11
93	Off-fault deformations and shallow slip deficit from dynamic rupture simulations with fault zone plasticity. <i>Geophysical Research Letters</i> , 2017, 44, 7733-7742.	1.5	57
94	Spatial and temporal seismic velocity changes on Kyushu Island during the 2016 Kumamoto earthquake. <i>Science Advances</i> , 2017, 3, e1700813.	4.7	48
95	Quantification of Fault-Zone Plasticity Effects with Spontaneous Rupture Simulations. <i>Pure and Applied Geophysics</i> , 2017, 174, 3369-3391.	0.8	20
96	Toward the creation of models to predict static and dynamic fault-seal potential in carbonates. <i>Petroleum Geoscience</i> , 2017, 23, 70-91.	0.9	27
97	Slow dynamics of consolidated granular systems: Multi-scale relaxation. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	39
98	Structure of the SuasselkÃ postglacial fault in northern Finland obtained by analysis of local events and ambient seismic noise. <i>Solid Earth</i> , 2017, 8, 531-544.	1.2	5
99	Dynamic evolution of off-fault medium during an earthquake: a micromechanics based model. <i>Geophysical Journal International</i> , 2018, 214, 1267-1280.	1.0	45
100	Azimuthal Seismic Anisotropy in the Upper Crust of the Japanese Islands Induced by the 2011 Tohokuâ€Oki Megathrust Earthquake. <i>Geophysical Research Letters</i> , 2018, 45, 12,793.	1.5	2
101	Chapter 2. The Calico Fault Compliant Zone at Depth Viewed by Fault-Zone TrappedWaves from Teleseismic Earthquakes. , 2018, , 74-99.		0
102	Chapter 1. Fault-Zone Trapped Waves Generated by Aftershocks and Explosions to Charac- terize the Subsurface Rupture Zone of the 2014 Mw6.0 South Napa Earthquake, California. , 2018, , 15-73.		0
103	Ambient Noise Monitoring of Seismic Velocity Around the Longmenshan Fault Zone From 10ÂYears of Continuous Observation. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8979-8994.	1.4	18
104	Particle Crushing of a Filled Fracture During Compression and Its Effect on Stress Wave Propagation. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5559-5587.	1.4	26
105	Extremely early recurrence of intraplate fault rupture following the Tohoku-Oki earthquake. <i>Nature Geoscience</i> , 2018, 11, 777-781.	5.4	18
106	Source mechanisms and simulation of ground motions of 18 and 22 July 2014 Suez earthquakes. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2019, 8, 34-44.	0.5	1
107	Long-term In Situ Permeability Variations of an Active Fault Zone in the Interseismic Period. <i>Pure and Applied Geophysics</i> , 2019, 176, 5279-5289.	0.8	2
108	Rupture Branching Structure of the 2014 MwÂ6.0 South Napa, California, Earthquake Inferred from Explosionâ€Generated Faultâ€Zone Trapped Waves. <i>Bulletin of the Seismological Society of America</i> , 2019, 109, 1907-1921.	1.1	1
109	Longâ€Time Relaxation Induced by Dynamic Forcing in Geomaterials. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5003-5013.	1.4	20

#	ARTICLE	IF	CITATIONS
110	Noise-Based Monitoring. , 2019, , 267-301.		4
111	Seismic velocity reduction and accelerated recovery due to earthquakes on the Longmenshan fault. Nature Geoscience, 2019, 12, 387-392.	5.4	61
112	Change-point analysis of VP/Vs ratio time-series using a trans-dimensional MCMC algorithm: applied to the Alto Tiberina Near Fault Observatory seismic network (Northern Apennines, Italy). Tj ETQq0 0 0 r gBT /Over a lock 10 Tf		
113	On the measurement of seismic traveltime changes in the time-frequency domain with wavelet cross-spectrum analysis. Geophysical Journal International, 2020, 221, 550-568.	1.0	42
114	How Much Impact Do Antimicrobial Surfaces Really Have on Healthcare-acquired Infection?. Clinical Infectious Diseases, 2020, 71, 1814-1816.	2.9	7
115	Effects of Low-Velocity Fault Damage Zones on Long-Term Earthquake Behaviors on Mature Strike-Slip Faults. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019587.	1.4	37
116	Repeating earthquakes record fault weakening and healing in areas of megathrust postseismic slip. Science Advances, 2020, 6, eaaz9317.	4.7	25
117	Structural Complexity and Mechanics of a Shallow Crustal Seismogenic Source (Vado di Corno Fault) Tj ETQq1 1 0.784314 r gBT /Over a lock 10 Tf	1.4	13
118	Localized fault-zone dilatancy and surface inelasticity of the 2019 Ridgecrest earthquakes. Nature Geoscience, 2020, 13, 699-704.	5.4	30
119	S Coda and Rayleigh Waves From a Decade of Repeating Earthquakes Reveal Discordant Temporal Velocity Changes Since the 2004 Sumatra Earthquake. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019794.	1.4	3
120	Fine Structure of the Chenghai Fault Zone, Yunnan, China, Constrained From Teleseismic Travel Time and Ambient Noise Tomography. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019565.	1.4	39
121	Mechanics of near-field deformation during co- and post-seismic shallow fault slip. Scientific Reports, 2020, 10, 5031.	1.6	17
122	The U.S. Geological Survey's Rapid Seismic Array Deployment for the 2019 Ridgecrest Earthquake Sequence. Seismological Research Letters, 2020, 91, 1952-1960.	0.8	24
123	Spatial-temporal characterization of the San Andreas Fault by fault-zone trapped waves at seismic experiment site, Parkfield, California. Earthquake Science, 2021, 34, 261-285.	0.4	6
124	Illuminating high-resolution crustal fault zones using multi-scale dense arrays and airgun source. Earthquake Research Advances, 2021, 1, 100001.	1.0	17
125	Bookshelf Kinematics and the Effect of Dilatation on Fault Zone Inelastic Deformation: Examples From Optical Image Correlation Measurements of the 2019 Ridgecrest Earthquake Sequence. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020551.	1.4	27
126	Time Dependent Mechanical Crack Closure as a Potential Rapid Source of Post-Seismic Wave Speed Recovery: Insights From Experiments in Carrara Marble. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021301.	1.4	10
127	Temporal Seismic Velocity Variations: Recovery Following From the 2019 M_w 7.1 Ridgecrest, California Earthquake. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021465.	1.4	8

#	ARTICLE	IF	CITATIONS
128	Coseismic slip distributions and stress interactions of the November 12, 2017, Sarpole-Zahab (Western) Tj ETQq0 0 0 rgBT /Overlock 10 Geosciences, 2021, 14, 1.	0.6	5
129	Nucleation and Evolution of Sliding in Continental Fault Zones under the Action of Natural and Man-Made Factors: A State-of-the-Art Review. Izvestiya, Physics of the Solid Earth, 2021, 57, 439-473.	0.2	4
130	Structural Controls Over the 2019 Ridgecrest Earthquake Sequence Investigated by High-Fidelity Elastic Models of 3D Velocity Structures. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021124.	1.4	5
132	Influence of Fault Zone Maturity on Fully Dynamic Earthquake Cycles. Geophysical Research Letters, 2021, 48, e2021GL094679.	1.5	21
133	Insights in Fault Flow Behaviour from Onshore Nigeria Petroleum System Modelling. Oil and Gas Science and Technology, 2017, 72, 31.	1.4	5
134	Scale effect in seismotectonics. Geodinamika I Tektonofizika, 2014, 5, 353-385.	0.3	19
135	10.1007/s11471-008-1029-4. , 2010, 418, 132.		0
136	Groundwater level changes associated with the aftershocks following the 11 April 2011 M7 earthquake occurred in Iwaki City, Fukushima Prefecture, Japan. Journal of the Geological Society of Japan, 2012, 118, 695-708.	0.2	0
141	Observation of Temporal Variations in Seismic Anisotropy Within an Active Fault Zone Revealed From the Taiwan Chelungpu Fault Drilling Project Borehole Seismic Array. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	1
142	Remote Triggering of Damage Followed by Healing Recorded in Groundwater Pressure. Water (Switzerland), 2021, 13, 3656.	1.2	1
143	Rayleigh-Love Discrepancy Highlights Temporal Changes in Near-Surface Radial Anisotropy After the 2004 Great Sumatra Earthquake. Journal of Geophysical Research: Solid Earth, 2021, 126, .	1.4	0
145	Rupture styles linked to recurrence patterns in seismic cycles with a compliant fault zone. Earth and Planetary Science Letters, 2022, 591, 117593.	1.8	15
146	Off-Fault Deformation in Regions of Complex Fault Geometries: The 2013, <i>M_w 7.7</i> , Baluchistan Rupture (Pakistan). Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	7
147	Correlation between Seismic Waves Velocity Changes and the Occurrence of Moderate Earthquakes at the Bending of the Eastern Carpathians (Vrancea). Acoustics, 2022, 4, 934-947.	0.8	1
148	Using active source seismology to image the Palos Verdes Fault damage zone as a function of distance, depth, and geology. Earth and Planetary Science Letters, 2022, 600, 117871.	1.8	2
149	Detection and study of a high magnitude seismic event from GPS data: Case study of the 2011 Tohoku-Oki earthquake. Earth Sciences Research Journal, 2022, 26, 91-106.	0.4	2
150	Co- and Post-Seismic Mechanisms of the 2020 <i>M_w 6.3</i> Yutian Earthquake and Local Stress Evolution. Earth and Space Science, 2023, 10, .	1.1	0
151	The Seismic Signature of California's Earthquakes, Droughts, and Floods. Journal of Geophysical Research: Solid Earth, 2023, 128, .	1.4	4

#	ARTICLE	IF	CITATIONS
152	Hydrothermal formation of fibrous mineral structures: The role on strength and mode of failure. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
153	Velocity changes after the 2021 MS 6.4 Yangbi earthquake based on passive image interferometry. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
154	Investigations of Ambient Noise Velocity Variations in a Region of Induced Seismicity near Greeley, Colorado. <i>The Seismic Record</i> , 2023, 3, 12-20.	1.3	0
155	Constraining Fault Damage Zone Properties From Geodesy: A Case Study Near the 2019 Ridgecrest Earthquake Sequence. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
156	Optimal Multichannel Stretch Factors for Estimating Changes in Seismic Velocity: Application to the 2012 Mw 7.8 Haida Gwaii Earthquake. <i>Bulletin of the Seismological Society of America</i> , 0, , .	1.1	0