Evidence of fluid-filled upper crust from observations of the 1992Mw7.3 Landers earthquake

Journal of Geophysical Research 109, DOI: 10.1029/2004jb002985

Citation Report

#	Article	IF	CITATIONS
1	A three-dimensional semianalytic viscoelastic model for time-dependent analyses of the earthquake cycle. Journal of Geophysical Research, 2004, 109, .	3.3	47
2	Three-dimensional deformation caused by the Bam, Iran, earthquake and the origin of shallow slip deficit. Nature, 2005, 435, 295-299.	13.7	403
3	Fault slip rates, effects of elastic heterogeneity on geodetic data, and the strength of the lower crust in the Salton Trough region, southern California. Journal of Geophysical Research, 2005, 110, .	3.3	72
4	Transient rheology of the upper mantle beneath central Alaska inferred from the crustal velocity field following the 2002 Denali earthquake. Journal of Geophysical Research, 2005, 110, .	3.3	79
5	Postseismic relaxation and transient creep. Journal of Geophysical Research, 2005, 110, .	3.3	73
6	Postseismic and interseismic displacements near a strike-slip fault: A two-dimensional theory for general linear viscoelastic rheologies. Journal of Geophysical Research, 2005, 110, .	3.3	79
7	Surface Deformation Associated with the Mw 6.4, 24 February 2004 Al Hoceima, Morocco, Earthquake Deduced from InSAR: Implications for the Active Tectonics along North Africa. Bulletin of the Seismological Society of America, 2006, 96, 59-68.	1.1	41
8	A model of the earthquake cycle along the San Andreas Fault System for the past 1000 years. Journal of Geophysical Research, 2006, 111, .	3.3	66
9	Interferometric synthetic aperture radar atmospheric correction: GPS topography-dependent turbulence model. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	120
10	Coseismic surface deformation from air photos: The Kickapoo step over in the 1992 Landers rupture. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	35
11	Spatiotemporal filtering using principal component analysis and Karhunen-Loeve expansion approaches for regional GPS network analysis. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	252
12	Implications of deformation following the 2002 Denali, Alaska, earthquake for postseismic relaxation processes and lithospheric rheology. Journal of Geophysical Research, 2006, 111, .	3.3	157
13	Stress-dependent power-law flow in the upper mantle following the 2002 Denali, Alaska, earthquake. Earth and Planetary Science Letters, 2006, 252, 481-489.	1.8	99
14	Geodetic observations of post-seismic transients in the context of the earthquake deformation cycle. Comptes Rendus - Geoscience, 2006, 338, 1012-1028.	0.4	31
15	Simplified models of the Alpine Fault seismic cycle: stress transfer in the mid-crust. Geophysical Journal International, 2006, 166, 386-402.	1.0	54
16	PSGRN/PSCMP—a new code for calculating co- and post-seismic deformation, geoid and gravity changes based on the viscoelastic-gravitational dislocation theory. Computers and Geosciences, 2006, 32, 527-541.	2.0	444
17	Strain accumulation across the Gazikoy–Saros segment of the North Anatolian Fault inferred from Persistent Scatterer Interferometry and GPS measurements. Earth and Planetary Science Letters, 2007, 255, 432-444.	1.8	53
18	Seismogenic, electrically conductive, and fluid zones at continental plate boundaries in New Zealand, Himalaya, and California. Geophysical Monograph Series, 2007, , 347-369.	0.1	21

#	Article	IF	CITATIONS
19	InSAR Remote Sensing Over Decorrelating Terrains: Persistent Scattering Methods. IEEE National Radar Conference - Proceedings, 2007, , .	0.0	11
20	Modeling afterslip and aftershocks following the 1992 Landers earthquake. Journal of Geophysical Research, 2007, 112, .	3.3	193
21	Farâ€reaching transient motions after Mojave earthquakes require broad mantle flow beneath a strong crust. Geophysical Research Letters, 2007, 34, .	1.5	83
22	Postseismic deformation of the Andaman Islands following the 26 December, 2004 Great Sumatra–Andaman earthquake. Geophysical Research Letters, 2007, 34, .	1.5	54
23	Temporal and spatial variations of post-seismic deformation following the 1999 Chi-Chi, Taiwan earthquake. Geophysical Journal International, 2007, 169, 367-379.	1.0	48
24	Post-seismic motion following the 1997 Manyi (Tibet) earthquake: InSAR observations and modelling. Geophysical Journal International, 2007, 169, 1009-1027.	1.0	141
25	Displacement, strain and stress fields due to shear and tensile dislocations in a viscoelastic half-space. Geophysical Journal International, 2007, 170, 1399-1417.	1.0	15
26	Viscoelastic relaxation and long-lasting after-slip following the 1997 Umbria-Marche (Central Italy) earthquakes. Geophysical Journal International, 2007, 169, 534-546.	1.0	31
27	Effect of 3-D viscoelastic structure on post-seismic relaxation from the 2004 <i>M</i> = 9.2 Sumatra earthquake. Geophysical Journal International, 2008, 173, 189-204.	1.0	109
28	Seismicity rate and wave-velocity variations as consequences of rainfall: the case of the catastrophic storm of September 2002 in the Nîmes Fault region (Gard, France). Geophysical Journal International, 2008, 173, 473-482.	1.0	27
29	Note on rain-triggered earthquakes and their dependence on karst geology. Geophysical Journal International, 2008, 173, 334-338.	1.0	38
30	Rheology of the Lower Crust and Upper Mantle: Evidence from Rock Mechanics, Geodesy, and Field Observations. Annual Review of Earth and Planetary Sciences, 2008, 36, 531-567.	4.6	855
31	Slow earthquake in Afghanistan detected by InSAR. Geophysical Research Letters, 2008, 35, .	1.5	39
32	Space geodetic investigation of the coseismic and postseismic deformation due to the 2003 <i>M</i> _{<i>w</i>} 7.2 Altai earthquake: Implications for the local lithospheric rheology. Journal of Geophysical Research, 2008, 113, .	3.3	81
33	A continentâ€wide map of 1â€Hz <i>Lg</i> coda <i>Q</i> variation across Eurasia and its relation to lithospheric evolution. Journal of Geophysical Research, 2008, 113, .	3.3	44
34	Effect of a compliant fault zone on the inferred earthquake slip distribution. Journal of Geophysical Research, 2008, 113, .	3.3	44
35	Dynamics of a velocity strengthening fault region: Implications for slow earthquakes and postseismic slip. Journal of Geophysical Research, 2008, 113, .	3.3	128
36	Coupled stress and pore fluid pressure changes in the middle crust: Vein record of coseismic loading and postseismic stress relaxation. Tectonics, 2008, 27, .	1.3	26

#	Article	IF	CITATIONS
37	Smallâ€scale upper mantle convection and crustal dynamics in southern California. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	22
38	Three-dimensional mechanical models for the June 2000 earthquake sequence in the south Iceland seismic zone. Tectonophysics, 2008, 457, 12-29.	0.9	13
39	Intraplate Seismicity, Hydroseismicity, and Predictions in Hindsight. Seismological Research Letters, 2008, 79, 578-589.	0.8	24
40	Effects of Nonplanar Fault Topology and Mechanical Interaction on Fault-Slip Distributions in the Ventura Basin, California. Bulletin of the Seismological Society of America, 2008, 98, 1113-1127.	1.1	33
41	Dynamic mechanisms of the post-seismic deformation following large events: Case study of the 1999 Chi-Chi earthquake in Taiwan of China. Science in China Series D: Earth Sciences, 2009, 52, 1813-1824.	0.9	6
42	A method for modelling radar interferograms without phase unwrapping: application to the M 5 Fawnskin, California earthquake of 1992 December 4. Geophysical Journal International, 2009, 176, 491-504.	1.0	46
43	The postseismic response to the 2002 <i>M</i> 7.9 Denali Fault earthquake: constraints from InSAR 2003-2005. Geophysical Journal International, 2009, 176, 353-367.	1.0	42
44	Ground deformation in an area later damaged by an earthquake: monitoring the Avcilar district of Istanbul, Turkey, by satellite radar interferometry 1992-1999. Geophysical Journal International, 2009, 178, 976-988.	1.0	15
45	Afterslip and viscoelastic relaxation following the 1999 <i>M</i> 7.4 İ2mit earthquake from GPS measurements. Geophysical Journal International, 2009, 178, 1220-1237.	1.0	98
46	Increasing long-wavelength relief across the southeastern flank of the Sierra Nevada, California. Earth and Planetary Science Letters, 2009, 287, 255-264.	1.8	11
47	Postseismic relaxation following the 1992 <i>M</i> 7.3 Landers and 1999 <i>M</i> 7.1 Hector Mine earthquakes, southern California. Journal of Geophysical Research, 2009, 114, .	3.3	32
48	Interseismic deformation associated with threeâ€dimensional faults in the greater Los Angeles region, California. Journal of Geophysical Research, 2009, 114, .	3.3	31
49	Postseismic deformation due to the <i>M</i> _{<i>w</i>} 6.0 2004 Parkfield earthquake: Stressâ€driven creep on a fault with spatially variable rateâ€andâ€state friction parameters. Journal of Geophysical Research, 2009, 114, .	3.3	178
50	Hydrologic detection and finite element modeling of a slow slip event in the Costa Rica prism toe. Journal of Geophysical Research, 2009, 114, .	3.3	36
51	Geodetically Inferred Coseismic and Postseismic Slip due to the M 5.4 31 October 2007 Alum Rock Earthquake. Bulletin of the Seismological Society of America, 2009, 99, 2784-2800.	1.1	12
52	Optimal combination of InSAR and CPS for measuring interseismic crustal deformation. Advances in Space Research, 2010, 46, 236-249.	1.2	64
53	Post-seismic and interseismic fault creep I: model description. Geophysical Journal International, 2010, 181, 81-98.	1.0	28
54	A unified continuum representation of post-seismic relaxation mechanisms: semi-analytic models of afterslip, poroelastic rebound and viscoelastic flow. Geophysical Journal International, 2010, 182, 1124-1140	1.0	159

#	Article	IF	CITATIONS
55	Review: Research Results in Hydroseismicity from 1987 to 2009. Bulletin of the Seismological Society of America, 2010, 100, 1841-1858.	1.1	37
56	Mechanics of active magmatic intraplating in the Rio Grande Rift near Socorro, New Mexico. Journal of Geophysical Research, 2010, 115, .	3.3	35
57	Coseismic slip model of the 2008 Wenchuan earthquake derived from joint inversion of interferometric synthetic aperture radar, GPS, and field data. Journal of Geophysical Research, 2010, 115, .	3.3	111
58	Effect of viscoelastic postseismic relaxation on estimates of interseismic crustal strain accumulation at Yucca Mountain, Nevada. Geophysical Research Letters, 2010, 37, .	1.5	18
59	On the resolution of shallow mantle viscosity structure using postearthquake relaxation data: Application to the 1999 Hector Mine, California, earthquake. Journal of Geophysical Research, 2010, 115,	3.3	32
60	Presentâ€day strain accumulation and slip rates associated with southern San Andreas and eastern California shear zone faults. Journal of Geophysical Research, 2010, 115, .	3.3	56
61	Postseismic deformation induced by brittle rock damage of aftershocks. Journal of Geophysical Research, 2010, 115, .	3.3	17
62	Two―and threeâ€dimensional numerical simulations of the stress field at the thrust front of the Northern Apennines, Italy. Journal of Geophysical Research, 2010, 115, .	3.3	21
63	Evidence for postseismic deformation of the lower crust following the 2004 Mw6.0 Parkfield earthquake. Journal of Geophysical Research, 2011, 116, .	3.3	76
64	Spectral-element simulations of long-term fault slip: Effect of low-rigidity layers on earthquake-cycle dynamics. Journal of Geophysical Research, 2011, 116, .	3.3	60
65	A naturally constrained stress profile through the middle crust in an extensional terrane. Earth and Planetary Science Letters, 2011, 303, 181-192.	1.8	178
66	Role of the brittle–ductile transition on fault activation. Physics of the Earth and Planetary Interiors, 2011, 184, 160-171.	0.7	82
67	Stress and Seismicity Changes on the Sunda Megathrust Preceding the 2007 Mw 8.4 Earthquake. Bulletin of the Seismological Society of America, 2011, 101, 313-326.	1.1	19
68	Source model for the 1997 Zirkuh earthquake (MW= 7.2) in Iran derived from JERS and ERS InSAR observations. Geophysical Journal International, 2011, 185, 676-692.	1.0	47
69	Shallow slip deficit due to large strike-slip earthquakes in dynamic rupture simulations with elasto-plastic off-fault response. Geophysical Journal International, 2011, 186, 1389-1403.	1.0	131
70	Postseismic motion after the 2001 M _W 7.8 Kokoxili earthquake in Tibet observed by InSAR time series. Journal of Geophysical Research, 2012, 117, .	3.3	67
71	The Sentinel-1 mission for the improvement of the scientific understanding and the operational monitoring of the seismic cycle. Remote Sensing of Environment, 2012, 120, 164-174.	4.6	111
72	Mapping ground surface deformation using temporarily coherent point SAR interferometry: Application to Los Angeles Basin. Remote Sensing of Environment, 2012, 117, 429-439.	4.6	164

#	Article	IF	CITATIONS
73	The crustal viscosity gradient measured from post-seismic deformation: A case study of the 1997 Manyi (Tibet) earthquake. Earth and Planetary Science Letters, 2012, 351-352, 105-114.	1.8	41
74	Constraints on fault and lithosphere rheology from the coseismic slip and postseismic afterslip of the 2006 M _{<i>w</i>} 7.0 Mozambique earthquake. Journal of Geophysical Research, 2012, 117,	3.3	45
75	A new strategy for estimating geophysical parameters from InSAR data: Application to the Krafla central volcano in Iceland. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	11
76	Illumination of rheological mantle heterogeneity by the M7.2 2010 El Mayorâ€Cucapah earthquake. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	30
77	The signature of depth-dependent viscosity structure in post-seismic deformation. Geophysical Journal International, 2012, 190, 769-784.	1.0	20
78	Earthquake cycle deformation and the Moho: Implications for the rheology of continental lithosphere. Tectonophysics, 2013, 609, 504-523.	0.9	92
79	Chronology of tectonic, geomorphic, and volcanic interactions and the tempo of fault slip near Little Lake, California. Bulletin of the Geological Society of America, 2013, 125, 1187-1202.	1.6	17
80	Postseismic relaxation due to Bhuj earthquake on January 26, 2001: possible mechanisms and processes. Natural Hazards, 2013, 65, 1119-1134.	1.6	9
81	Temporal Velocity Changes in the Crust Associated with the Great Sumatra Earthquakes. Bulletin of the Seismological Society of America, 2013, 103, 2797-2809.	1.1	11
82	Analysis of afterslip distribution following the 2007 September 12 southern Sumatra earthquake using poroelastic and viscoelastic media. Geophysical Journal International, 2013, 192, 18-37.	1.0	28
83	On the effects of thermally weakened ductile shear zones on postseismic deformation. Journal of Geophysical Research: Solid Earth, 2013, 118, 6295-6310.	1.4	33
84	SAR Data Analysis in Solid Earth Geophysics: From Science to Risk Management. , 2014, , .		5
85	Monitoring fault zone environments with correlations of earthquake waveforms. Geophysical Journal International, 2014, 196, 1073-1081.	1.0	20
86	Trajectory models and reference frames for crustal motion geodesy. Journal of Geodesy, 2014, 88, 283-311.	1.6	163
87	Patterns and mechanisms of coseismic and postseismic slips of the 2011 M W 7.1 Van (Turkey) earthquake revealed by multi-platform synthetic aperture radar interferometry. Tectonophysics, 2014, 632, 188-198.	0.9	32
88	How well do surface slip measurements track slip at depth in large strike-slip earthquakes? The importance of fault structural maturity in controlling on-fault slip versus off-fault surface deformation. Earth and Planetary Science Letters, 2014, 388, 38-47.	1.8	157
89	Rheological properties of the mantle lid beneath the Mojave region in southern California. Earth and Planetary Science Letters, 2014, 393, 60-72.	1.8	41
90	Postseismic Ground Deformation Following the September 2010 Darfield, New Zealand, Earthquake From TerraSAR-X, COSMO-SkyMed, and ALOS InSAR. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 186-190.	1.4	12

		CITATION REPORT	
#	Article	IF	CITATIONS
91	Space geodetic observations and models of postseismic deformation due to the 2005 <i>M</i> 7.6 Kashmir (Pakistan) earthquake. Journal of Geophysical Research: Solid Earth, 2014, 119, 7306-7318.	1.4	38
92	El Mayor-Cucapah (<i>M_w</i> 7.2) earthquake: Early near-field postseismic deformation from InSAR and GPS observations. Journal of Geophysical Research: Solid Earth, 2014, 119, 1482-1497.	1.4	66
93	Recovery of secular deformation field of Mojave Shear Zone in Southern California from historical terrestrial and GPS measurements. Journal of Geophysical Research: Solid Earth, 2015, 120, 3965-3990.	1.4	24
94	Mitigation of atmospheric phase delays in InSAR data, with application to the eastern California shear zone. Journal of Geophysical Research: Solid Earth, 2015, 120, 5952-5963.	1.4	98
95	Assessing longâ€ŧerm postseismic deformation following the <i>M</i> 7.2 4 April 2010, El Mayor ucapah earthquake with implications for lithospheric rheology in the Salton Trough. Journal of Geophysical Research: Solid Earth, 2015, 120, 3664-3679.	1.4	12
96	Postearthquake relaxation evidence for laterally variable viscoelastic structure and water content in the Southern California mantle. Journal of Geophysical Research: Solid Earth, 2015, 120, 2672-2696.	1.4	43
97	Kinematic modeling of fault slip rates using new geodetic velocities from a transect across the Pacificâ€North America plate boundary through the San Bernardino Mountains, California. Journal of Geophysical Research: Solid Earth, 2015, 120, 2772-2793.	1.4	25
98	A new multilayered visco-elasto-plastic experimental model to study strike-slip fault seismic cycle. Tectonics, 2015, 34, 232-264.	1.3	18
99	Time-dependent displacement and stress fields due to shear and tensile faults in a transversely isotropic viscoelastic half-space. Geophysical Journal International, 2015, 202, 163-174.	1.0	10
100	How Did the 2013 Lushan Earthquake (MsÂ=Â7.0) Trigger its Aftershocks? Insights from Static Coulomb Stress Change Calculations. Pure and Applied Geophysics, 2015, 172, 2481-2494.	0.8	20
101	Quantifying nearâ€field and offâ€fault deformation patterns of the 1992 M _w 7.3 <scp>L</scp> anders earthquake. Geochemistry, Geophysics, Geosystems, 2015, 16, 1577-1598.	1.0	149
102	Time-Dependent Afterslip of the 2009 Mw 6.3 Dachaidan Earthquake (China) and Viscosity beneath the Qaidam Basin Inferred from Postseismic Deformation Observations. Remote Sensing, 2016, 8, 649.	1.8	11
103	Vertical and horizontal displacements of Los Angeles from InSAR and GPS time series analysis: Resolving tectonic and anthropogenic motions. Journal of Geodynamics, 2016, 99, 27-38.	0.7	35
104	Spatiotemporal evolution of a fault shear stress patch due to viscoelastic interseismic fault zone rheology. Tectonophysics, 2016, 684, 63-75.	0.9	5
105	Estimating the 2008 Quetame (Colombia) earthquake source parameters from seismic data and InSAR measurements. Journal of South American Earth Sciences, 2016, 72, 250-265.	0.6	13
106	GPS Imaging of vertical land motion in California and Nevada: Implications for Sierra Nevada uplift. Journal of Geophysical Research: Solid Earth, 2016, 121, 7681-7703.	1.4	92
107	Physical applications of GPS geodesy: a review. Reports on Progress in Physics, 2016, 79, 106801.	8.1	161
108	Resolving Fine-Scale Heterogeneity of Co-seismic Slip and the Relation to Fault Structure. Scientific Reports, 2016, 6, 27201.	1.6	33

#	Article	IF	CITATIONS
109	Fusion of Remotely Sensed Displacement Measurements: Current status and challenges. IEEE Geoscience and Remote Sensing Magazine, 2016, 4, 6-25.	4.9	7
110	The spin zone: Transient mid-crust permeability caused by coseismic brecciation. Journal of Structural Geology, 2016, 87, 47-63.	1.0	8
111	Lapse time dependent coda-Q (Q c) in the Kachchh, rift zone, Gujarat, India. Natural Hazards, 2016, 81, 1589-1610.	1.6	7
112	A Slip Gap of the 2016 <i>M</i> _w Â6.6 Muji, Xinjiang, China, Earthquake Inferred from Sentinelâ€1 TOPS Interferometry. Seismological Research Letters, 2017, 88, 1054-1064.	0.8	38
113	Omoriâ€ŀike decay of postseismic velocities following continental earthquakes. Geophysical Research Letters, 2017, 44, 3119-3130.	1.5	39
114	Dominant Controls of Downdip Afterslip and Viscous Relaxation on the Postseismic Displacements Following the <i>M</i> _{<i>w</i>} 7.9 Gorkha, Nepal, Earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 8376-8401.	1.4	83
115	Offâ€fault deformations and shallow slip deficit from dynamic rupture simulations with fault zone plasticity. Geophysical Research Letters, 2017, 44, 7733-7742.	1.5	57
116	Ground uplift related to permeability enhancement following the 2011 Tohoku earthquake in the Kanto Plain, Japan. Earth, Planets and Space, 2017, 69, .	0.9	8
117	Transient poroelastic stress coupling between the 2015 M7.8 Gorkha, Nepal earthquake and its M7.3 aftershock. Tectonophysics, 2018, 733, 119-131.	0.9	18
118	Constraints on Transient Viscoelastic Rheology of the Asthenosphere From Seasonal Deformation. Geophysical Research Letters, 2018, 45, 2328-2338.	1.5	24
119	Horizontal surface-slip distribution through several seismic cycles: The Eastern Bogd fault, Gobi-Altai, Mongolia. Tectonophysics, 2018, 734-735, 167-182.	0.9	32
120	Earthquake cycle simulations with rate-and-state friction and power-law viscoelasticity. Tectonophysics, 2018, 733, 232-256.	0.9	62
121	Broadscale postseismic deformation and lower crustal relaxation in the central Bayankala Block (central Tibetan Plateau) observed using InSAR data. Journal of Asian Earth Sciences, 2018, 154, 26-41.	1.0	7
122	A Joint Model for Isolating Stratified Tropospheric Delays in Multi-Temporal Insar. , 2018, , .		1
123	Probing the Poisson's ratio of poroelastic rebound following the 2011 Mw 9.0 Tohoku earthquake. Geophysical Journal International, 2018, 215, 2206-2221.	1.0	9
124	The correlation between low tectonic stress and the Appalachian Basin Quiet Zone. Tectonophysics, 2018, 745, 95-116.	0.9	9
125	Probing the rheology of continental faults: decade of post-seismic InSAR time-series following the 1997 Manyi (Tibet) earthquake. Geophysical Journal International, 2018, 215, 600-613.	1.0	6
126	Toward Mitigating Stratified Tropospheric Delays in Multitemporal InSAR: A Quadtree Aided Joint Model. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 291-303.	2.7	46

#	Article	IF	CITATIONS
127	Nonparametric Estimation of DEM Error in Multitemporal InSAR. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 10004-10014.	2.7	19
128	Lower Crustal Heterogeneity Beneath the Northern Tibetan Plateau Constrained by GPS Measurements Following the 2001 Mw7.8 Kokoxili Earthquake. Journal of Geophysical Research: Solid Earth, 2019, 124, 11992-12022.	1.4	20
129	Landers 1992 "Reloaded― Integrative Dynamic Earthquake Rupture Modeling. Journal of Geophysical Research: Solid Earth, 2019, 124, 6666-6702.	1.4	61
130	Surface displacements of Aso volcano after the 2016 Kumamoto earthquake based on SAR interferometry: implications for dynamic triggering of earthquake–volcano interactions. Geophysical Journal International, 2019, 218, 755-761.	1.0	2
131	Changes in Groundwater Level Possibly Encourage Shallow Earthquakes in Central Australia: The 2016 Petermann Ranges Earthquake. Geophysical Research Letters, 2019, 46, 3189-3198.	1.5	27
132	Green's functions for geophysics: a review. Reports on Progress in Physics, 2019, 82, 106801.	8.1	92
133	Seismotectonics. , 2019, , 278-336.		0
134	Earthquake prediction and hazard analysis. , 2019, , 337-380.		1
138	Brittle fracture of rock. , 2019, , 1-42.		0
139	Rock friction. , 2019, , 43-96.		2
140	Mechanics of earthquakes. , 2019, , 166-227.		1
141			
	The seismic cycle. , 2019, , 228-277.		1
144	The seismic cycle. , 2019, , 228-277. Mechanics of faulting. , 2019, , 97-165.		1
		1.8	
144	Mechanics of faulting. , 2019, , 97-165. Investigation of Slow-Moving Artificial Slope Failure with Multi-Temporal InSAR by Combining	1.8	4
144 145	Mechanics of faulting. , 2019, , 97-165. Investigation of Slow-Moving Artificial Slope Failure with Multi-Temporal InSAR by Combining Persistent and Distributed Scatterers: A Case Study in Northern Taiwan. Remote Sensing, 2020, 12, 2403. Presentâ€Day Crustal Vertical Velocity Field for the Contiguous United States. Journal of Geophysical		4 8
144 145 146	Mechanics of faulting. , 2019, , 97-165. Investigation of Slow-Moving Artificial Slope Failure with Multi-Temporal InSAR by Combining Persistent and Distributed Scatterers: A Case Study in Northern Taiwan. Remote Sensing, 2020, 12, 2403. Presentâ€Day Crustal Vertical Velocity Field for the Contiguous United States. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020066. <i><i>S</i> 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,</i>	1.4	4 8 9

#	Article	IF	CITATIONS
150	Thin crème brûlée rheological structure for the Eastern California Shear Zone. Geology, 2021, 49, 216-221.	2.0	14
151	Origin of the shallow slip deficit on a strike slip fault: Influence of elastic structure, topography, data coverage, and noise. Earth and Planetary Science Letters, 2021, 554, 116696.	1.8	16
152	Crustal Rotation and Fluids: Factors for the 2019 Ridgecrest Earthquake Sequence?. Geophysical Research Letters, 2021, 48, e2020GL090853.	1.5	20
153	Suppression of Coherence Matrix Bias for Phase Linking and Ambiguity Detection in MTInSAR. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1263-1274.	2.7	14
154	An Alternative Approach for Constraining 3Dâ€Ðisplacements With InSAR, Applied to a Faultâ€Bounded Groundwater Entrainment Field in California. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021137.	1.4	6
155	Evidence for Latent Crustal Fluid Injection Transients in Southern California From Longâ€Đuration Earthquake Swarms. Geophysical Research Letters, 2021, 48, e2021GL092465.	1.5	27
156	Joint exploitation of space-borne and ground-based multitemporal InSAR measurements for volcano monitoring: The Stromboli volcano case study. Remote Sensing of Environment, 2021, 260, 112441.	4.6	33
157	Dynamics of Episodic Magma Injection and Migration at Yellowstone Caldera: Revisiting the 2004–2009 Episode of Caldera Uplift With InSAR and GPS Data. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022341.	1.4	5
158	Estimation of Absolute Stress in the Hypocentral Region of the 2019 Ridgecrest, California, Earthquakes. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022000.	1.4	18
159	Postâ€Seismic Deformation Related to the 2016 Central Italy Seismic Sequence From GPS Displacement Timeâ€Series. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022200.	1.4	7
160	Dynamic modeling of postseismic deformation following the 2015 Mw 7.8 Gorkha earthquake, Nepal. Journal of Asian Earth Sciences, 2021, 215, 104781.	1.0	5
161	The interplay of a fault zone and a volcanic reservoir from 3D elasto-plastic models: Rheological conditions for mutual trigger based on a field case from the Andean Southern Volcanic Zone. Journal of Volcanology and Geothermal Research, 2021, 418, 107317.	0.8	13
163	GPS: Applications in Crustal Deformation Monitoring. , 2011, , 589-622.		3
165	Seasonal and transient surface displacements in the Kumamoto area, Japan, associated with the 2016 Kumamoto earthquake: implications for seismic-induced groundwater level change. Earth, Planets and Space, 2020, 72, .	0.9	6
166	Gravity variations and recent geodynamics of the south-western part of the Baikal region. Geodinamika I Tektonofizika, 2013, 4, 119-134.	0.3	2
167	Continental Fault Structure and Rheology from the Frictional-to-Viscous Transition Downward. , 2007, , 139-182.		34
169	Crustal Deformation During the Seismic Cycle, Interpreting Geodetic Observations of. , 2009, , 1689-1704.		0
170	GPS: Applications in Crustal Deformation Monitoring. , 2009, , 4249-4283.		1

ARTICLE IF CITATIONS Crustal Deformation During the Seismic Cycle, Interpreting Geodetic Observations of., 2011, , 79-94. 171 0 GPS: Applications in Crustal Deformation Monitoring., 2020, , 1-42. Coseismic and Early Postseismic Deformation Due to the 2021 M7.4 Maduo (China) Earthquake. 174 1.5 56 Geophysical Research Letters, 2021, 48, e2021GL095213. Geodetic Observation of Seismic Cycles before, during, and after the 2020 Monte Cristo Range, Nevada Earthquake. Seismological Research Letters, 2021, 92, 647-662. The 2020 Monte Cristo (Nevada) Earthquake Sequence: Stress Transfer in the Context of Conjugate 177 1.3 3 Strikeâ€Slip Faults. Tectonics, 0, , . Dynamic deformation and fault locking of the Xianshuihe Fault Zone, Southeastern Tibetan Plateau: implications for seismic hazards. Earth, Planets and Space, 2022, 74, . Three-Dimensional Surface Displacements of the 8 January 2022 Mw6.7 Menyuan Earthquake, China 179 1.8 19 from Sentinel-1 and ALOS-2 SAR Observations. Remote Sensing, 2022, 14, 1404. Seismic faults of the 2022 & amp;lt;italic& amp;gt;M& amp;lt;/italic& amp;gt;w 6.6 Menyuan, Qinghaiearthquake and their implication for the regionalseismogenic structures. Chinese Science 0.4 Bulletin, 2023, 68, 254-270. Afterslip Moment Scaling and Variability From a Global Compilation of Estimates. Journal of 181 13 1.4 Geophysical Research: Solid Earth, 2022, 127, . Lower crust structures and dynamics of southern California revealed by first P and PmP traveltime data. Tectonophysics, 2022, 830, 229328. $\grave{e}\check{z}\check{e}^{a}\check{a}\check{```}\check{a}...\mu\<bold\&gt;1\&lt;/bold\&gt;\dot{a}\bullet\dot{a}\check{C}\&lt;bold\&gt;ALOS-2\&lt;/bold\&gt;ze\bullet^{o}ze^{o$ 183 SCIENTIA SINICA Terrae, 2022, 52, 882-892. Lithospheric Deformation Due To the 2015 M7.2 Sarez (Pamir) Earthquake Constrained by 5Âyears of 184 1.4 Space Geodetic Observations. Journal of Geophysical Research: Solid Earth, 2022, 127, . Afterslip From the 2020 M 6.5 Monte Cristo Range, Nevada Earthquake. Geophysical Research Letters, 186 1.5 4 2022, 49, . Transient Green's functions of dislocations in transversely isotropic and layered poroelastic half-spaces. Engineering Analysis With Boundary Elements, 2023, 146, 155-169 Surface Displacements Near Active Faults in Hanshin Area Estimated by Persistent Scatterer SAR 188 0.1 0 Interferometry. Journal of the Japan Society of Engineering Geology, 2022, 63, 49-63. Offshore Landward Motion Shortly After a Subduction Earthquake Implies Rapid Relocking of the 189 Shallow Megathrust. Geophysical Research Letters, 2023, 50, .