Eric Fielding

List of Publications by Year
in descending order

147 papers	12,932 citations	17440 63 h-index	24258 110 g-index
180 all docs	180 docs citations	180 times ranked	8865 citing authors

#	Article	IF	Citations
1	Mature Diffuse Tectonic Block Boundary Revealed by the 2020 Southwestern Puerto Rico Seismic Sequence. Tectonics, 2022, 41, .	2.8	4
2	Landslide Sensitivity and Response to Precipitation Changes in Wet and Dry Climates. Geophysical Research Letters, 2022, 49, .	4.0	10
3	A Stochastic View of the 2020 ElazÄ±ÄŸ M w 6.8 Earthquake (Turkey). Geophysical Research Letters, 2021, 48, e2020GL090704.	4.0	12
4	High-Resolution Soil-Moisture Maps Over Landslide Regions in Northern California Grassland Derived From SAR Backscattering Coefficients. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4547-4560.	4.9	7
5	Inferring the Subsurface Geometry and Strength of Slowâ€Moving Landslides Using 3â€D Velocity Measurements From the NASA/JPL UAVSAR. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005898.	2.8	13
6	Imaging Complex Fault Slip of Large Earthquakes with Sentinel-1 and ALOS-2 SAR Analysis and Other Geodetic and Seismic Data. , 2021, , .		0
7	Soil Moisture Retrieval Using L-Band SAR Over Landslide Regions in Northern California Grasslands. , 2021, , .		0
8	Machineâ€learning characterization of tectonic, hydrological and anthropogenic sources of active ground deformation in California. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022373.	3.4	8
9	Internal kinematics of the Slumgullion landslide (USA) from high-resolution UAVSAR InSAR data. Remote Sensing of Environment, 2020, 251, 112057.	11.0	21
10	Four-dimensional surface motions of the Slumgullion landslide and quantification of hydrometeorological forcing. Nature Communications, 2020, 11, 2792.	12.8	78
11	Surface Deformation Related to the 2019 MwÂ7.1 and 6.4 Ridgecrest Earthquakes in California from GPS, SAR Interferometry, and SAR Pixel Offsets. Seismological Research Letters, 2020, 91, 2035-2046.	1.9	37
12	Rapid collaborative knowledge building via Twitter after significant geohazard events. Geoscience Communication, 2020, 3, 129-146.	0.9	26
13	SAR IMAGING OF THE COSEISMIC AND POSTSEISMIC DEFORMATION FROM THE 2020 SOUTHWEST PUERTO RICO SEISMIC SEQUENCE. , 2020, , .		0
14	OVERVIEW OF PRELIMINARY INVESTIGATIONS OF THE 2020 SOUTHWEST PUERTO RICO SEISMIC SEQUENCE. , 2020, , .		0
15	Coupled, Physics-Based Modeling Reveals Earthquake Displacements are Critical to the 2018 Palu, Sulawesi Tsunami. Pure and Applied Geophysics, 2019, 176, 4069-4109.	1.9	96
16	Hierarchical interlocked orthogonal faulting in the 2019 Ridgecrest earthquake sequence. Science, 2019, 366, 346-351.	12.6	284
17	Ionospheric Correction of InSAR Time Series Analysis of C-band Sentinel-1 TOPS Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6755-6773.	6.3	67
18	Widespread Initiation, Reactivation, and Acceleration of Landslides in the Northern California Coast Ranges due to Extreme Rainfall. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1782-1797.	2.8	71

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19	High-Resolution Spaceborne, Airborne and In Situ Landslide Kinematic Measurements of the Slumgullion Landslide in Southwest Colorado. Remote Sensing, 2019, 11, 265.	4.0	14
20	A shift from drought to extreme rainfall drives a stable landslide to catastrophic failure. Scientific Reports, 2019, 9, 1569.	3.3	117
21	Rapid Geodetic Analysis of Subduction Zone Earthquakes Leveraging a 3â€Ð Elastic Green's Function Library. Geophysical Research Letters, 2019, 46, 2475-2483.	4.0	8
22	Early and persistent supershear rupture of the 2018 magnitude 7.5 Palu earthquake. Nature Geoscience, 2019, 12, 200-205.	12.9	163
23	Inferred rheological structure and mantle conditions from postseismic deformation following the 2010 Mw 7.2 El Mayor-Cucapah Earthquake. Geophysical Journal International, 2018, 213, 1720-1730.	2.4	7
24	Coseismic Deformation Field of the Mw 7.3 12 November 2017 Sarpol-e Zahab (Iran) Earthquake: A Decoupling Horizon in the Northern Zagros Mountains Inferred from InSAR Observations. Remote Sensing, 2018, 10, 1589.	4.0	49
25	InSAR Time Series Analysis of L-Band Wide-Swath SAR Data Acquired by ALOS-2. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4492-4506.	6.3	24
26	Strain budget of the Ecuadorâ€"Colombia subduction zone: A stochastic view. Earth and Planetary Science Letters, 2018, 498, 288-299.	4.4	22
27	Coseismic deformation and triggered landslides of the 2016 M_w 6.2 Amatrice earthquake in Italy. Geophysical Research Letters, 2017, 44, 1266-1274.	4.0	98
28	Fault geometry of 2015, Mw7.2 Murghab, Tajikistan earthquake controls rupture propagation: Insights from InSAR and seismological data. Earth and Planetary Science Letters, 2017, 462, 132-141.	4.4	44
29	Interferometry With ALOS-2 Full-Aperture ScanSAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2739-2750.	6.3	24
30	Source characteristics of the 2015 M_w6.5 Lefkada, Greece, strikeâ€slip earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 2260-2273.	3.4	25
31	Measuring Azimuth Deformation With L-Band ALOS-2 ScanSAR Interferometry. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2725-2738.	6.3	57
32	Applicability of Sentinelâ€1 Terrain Observation by Progressive Scans multitemporal interferometry for monitoring slow ground motions in the San Francisco Bay Area. Geophysical Research Letters, 2017, 44, 2733-2742.	4.0	48
33	Surface Deformation of Northâ€Central Oklahoma Related to the 2016M_wÂ5.8 Pawnee Earthquake from SAR Interferometry Time Series. Seismological Research Letters, 2017, 88, 971-982.	1.9	34
34	Complex multifault rupture during the 2016 M _w 7.8 KaikÅura earthquake, New Zealand. Science, 2017, 356, .	12.6	457
35	The 2016 Kumamoto M_wÂ=Â7.0 Earthquake: A Significant Event in a Faultâ€"Volcano System. Journal of Geophysical Research: Solid Earth, 2017, 122, 9166-9183.	3.4	63
36	Remote Sensing of Ground Deformation for Monitoring Groundwater Management Practices: Application to the Santa Clara Valley During the 2012â€"2015 California Drought. Journal of Geophysical Research: Solid Earth, 2017, 122, 8566-8582.	3.4	88

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37	Depth varying rupture properties during the 2015 Mw 7.8 Gorkha (Nepal) earthquake. Tectonophysics, 2017, 714-715, 44-54.	2.2	40
38	Fault geometry inversion and slip distribution of the 2010 M_w 7.2 El Mayorâ€Cucapah earthquake from geodetic data. Journal of Geophysical Research: Solid Earth, 2017, 122, 607-621.	3.4	34
39	The ongoing destabilization of the mosul dam as observed by synthetic aperture radar interferometry. , 2017, , .		4
40	Estimating Azimuth Offset With Double-Difference Interferometric Phase: The Effect of Azimuth FM Rate Error in Focusing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 7018-7031.	6.3	5
41	Multiple fault slip triggered above the 2016 M_w 6.4 MeiNong earthquake in Taiwan. Geophysical Research Letters, 2016, 43, 7459-7467.	4.0	65
42	Space geodetic monitoring of engineered structures: The ongoing destabilization of the Mosul dam, Iraq. Scientific Reports, 2016, 6, 37408.	3.3	83
43	Interferometric Processing of ScanSAR Data Using Stripmap Processor: New Insights From Coregistration. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4343-4354.	6.3	9
44	Recent rapid disaster response products derived from COSMO-Skymed synthetic aperture radar data. , 2016, , .		0
45	Structural health monitoring of engineered structures using a space-borne synthetic aperture radar multi-temporal approach: from cultural heritage sites to war zones. Proceedings of SPIE, 2016, , .	0.8	3
46	Slip segmentation and slow rupture to the trench during the 2015, M_w8.3 Illapel, Chile earthquake. Geophysical Research Letters, 2016, 43, 961-966.	4.0	141
47	Threeâ€dimensional surface deformation derived from airborne interferometric UAVSAR: Application to the Slumgullion Landslide. Journal of Geophysical Research: Solid Earth, 2016, 121, 3951-3977.	3.4	66
48	Geomorphic and geologic controls of geohazards induced by Nepalâ€™s 2015 Gorkha earthquake. Science, 2016, 351, aac8353.	12.6	317
49	Kinematics of the slumgullion landslide from UAVSAR derived interferograms. , 2015, , .		5
50	The 18 August 2014 Mw 6.2 Mormori, Iran, Earthquake: A Thin-Skinned Faulting in the Zagros Mountain Inferred from InSAR Measurements. Seismological Research Letters, 2015, 86, 775-782.	1.9	32
51	The 2012 Brawley swarm triggered by injection-induced aseismic slip. Earth and Planetary Science Letters, 2015, 422, 115-125.	4.4	141
52	Geodetic Constraints on the 2014 M 6.0 South Napa Earthquake. Seismological Research Letters, 2015, 86, 335-343.	1.9	41
53	Field Reconnaissance after the 25 April 2015 MÂ7.8 Gorkha Earthquake. Seismological Research Letters, 2015, 86, 1506-1513.	1.9	43
54	Rapid Damage Mapping for the 2015M_wÂ7.8 Gorkha Earthquake Using Synthetic Aperture Radar Data from COSMOâ€“SkyMed and ALOS-2 Satellites. Seismological Research Letters, 2015, 86, 1549-1556.	1.9	108

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55	Predictability of hydraulic head changes and characterization of aquiferâ€system and fault properties from InSARâ€derived ground deformation. Journal of Geophysical Research: Solid Earth, 2014, 119, 6572-6590.	3.4	171
56	The 2013 Mw 7.7 Balochistan Earthquake: Seismic Potential of an Accretionary Wedge. Bulletin of the Seismological Society of America, 2014, 104, 1020-1030.	2.3	77
57	Ground displacement measurement of the 2013 M7.7 and M6.8 Balochistan Earthquake with TerraSAR-X ScanSAR data. , 2014, , .		1
58	Assembly of a large earthquake from a complex fault system: Surface rupture kinematics of the 4 April 2010 El Mayorâ€"Cucapah (Mexico) Mw 7.2 earthquake. , 2014, 10, 797-827.		127
59	Breaking the oceanic lithosphere of a subducting slab: The 2013 Khash, Iran earthquake. Geophysical Research Letters, 2014, 41, 32-36.	4.0	26
60	COSMO-SkyMed Spotlight Interferometry Over Rural Areas: The Slumgullion Landslide in Colorado, USA. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2919-2926.	4.9	48
61	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.	3.1	12
62	Rapid Imaging of Earthquake Ruptures with Combined Geodetic and Seismic Analysis. Procedia Technology, 2014, 16, 876-885.	1.1	9
63	Remote sensing and the search for surface rupture, Haiti 2010. Natural Hazards, 2013, 68, 213-217.	3.4	4
64	Fault-Slip Source Models for the 2011 M 7.1 Van Earthquake in Turkey from SAR Interferometry, Pixel Offset Tracking, GPS, and Seismic Waveform Analysis. Seismological Research Letters, 2013, 84, 579-593.	1.9	80
65	The 2010â€"2011 South Rigan (Baluchestan) earthquake sequence and its implications for distributed deformation and earthquake hazard in southeast Iran. Geophysical Journal International, 2013, 193, 349-374.	2.4	57
66	Recent changes in the snout position and surface velocity of Gangotri glacier observed from space. International Journal of Remote Sensing, 2013, 34, 8653-8668.	2.9	30
67	Delta dynamics: Effects of a major earthquake, tides, and river flows on CiÃ©nega de Santa Clara and the Colorado River Delta, Mexico. Ecological Engineering, 2013, 59, 144-156.	3.6	17
68	Report on the August 2012 Brawley Earthquake Swarm in Imperial Valley, Southern California. Seismological Research Letters, 2013, 84, 177-189.	1.9	48
69	Complementary slip distributions of the largest earthquakes in the 2012 Brawley swarm, Imperial Valley, California. Geophysical Research Letters, 2013, 40, 847-852.	4.0	30
70	Kinematic fault slip evolution source models of the 2008 M7.9 Wenchuan earthquake in China from SAR interferometry, GPS and teleseismic analysis and implications for Longmen Shan tectonics. Geophysical Journal International, 2013, 194, 1138-1166.	2.4	97
71	Coseismic and postseismic slip associated with the 2010 Maule Earthquake, Chile: Characterizing the Arauco Peninsula barrier effect. Journal of Geophysical Research: Solid Earth, 2013, 118, 3142-3159.	3.4	134
72	Evolution of dike opening during the March 2011 Kamoamoa fissure eruption, KÄ«lauea Volcano, Hawaiʻi. Journal of Geophysical Research: Solid Earth, 2013, 118, 897-914.	3.4	89

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73	Fault slip models of the 2010â€“2011 Canterbury, New Zealand, earthquakes from geodetic data and observations of postseismic ground deformation. New Zealand Journal of Geology, and Geophysics, 2012, 55, 207-221.	1.8	118
74	Near-Field Deformation from the El Mayorâ€“Cucapah Earthquake Revealed by Differential LIDAR. Science, 2012, 335, 702-705.	12.6	206
75	The M_w6.2 Christchurch earthquake of February 2011: preliminary report. New Zealand Journal of Geology, and Geophysics, 2012, 55, 67-90.	1.8	155
76	Lithospheric flexure in the Sichuan Basin and Longmen Shan at the eastern edge of Tibet. Geophysical Research Letters, 2012, 39, .	4.0	33
77	Static stress interactions in extensional earthquake sequences: An example from the South Lunggar Rift, Tibet. Journal of Geophysical Research, 2012, 117, .	3.3	26
78	Insights into the 1968-1997 Dasht-e-Bayaz and Zirkuh earthquake sequences, eastern Iran, from calibrated relocations, InSAR and high-resolution satellite imagery. Geophysical Journal International, 2011, 187, 1577-1603.	2.4	51
79	Fault Location and Slip Distribution of the 22 February 2011 Mw 6.2 Christchurch, New Zealand, Earthquake from Geodetic Data. Seismological Research Letters, 2011, 82, 789-799.	1.9	90
80	Superficial simplicity of the 2010 El Mayorâ€“Cucapah earthquake of Baja California in Mexico. Nature Geoscience, 2011, 4, 615-618.	12.9	225
81	Complex rupture during the 12 January 2010 HaitiÂearthquake. Nature Geoscience, 2010, 3, 800-805.	12.9	157
82	Source model of the 2007 M_w 8.0 Pisco, Peru earthquake: Implications for seismogenic behavior of subduction megathrusts. Journal of Geophysical Research, 2010, 115, .	3.3	88
83	Tropospheric correction for InSAR using interpolated ECMWF data and GPS Zenith Total Delay from the Southern California Integrated GPS Network. , 2010, , .		15
84	Integration of InSAR Time-Series Analysis and Water-Vapor Correction for Mapping Postseismic Motion After the 2003 Bam (Iran) Earthquake. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 3220-3230.	6.3	88
85	Shallow fault-zone dilatancy recovery after the 2003 Bam earthquake in Iran. Nature, 2009, 458, 64-68.	27.8	113
86	Advanced InSAR atmospheric correction: MERIS/MODIS combination and stacked water vapour models. International Journal of Remote Sensing, 2009, 30, 3343-3363.	2.9	119
87	Southern San Andreasâ€San Jacinto fault system slip rates estimated from earthquake cycle models constrained by GPS and interferometric synthetic aperture radar observations. Journal of Geophysical Research, 2009, 114, .	3.3	59
88	Partial rupture of a locked patch of the Sumatra megathrust during the 2007 earthquake sequence. Nature, 2008, 456, 631-635.	27.8	308
89	Coseismic slip model of the 2007 August Pisco earthquake (Peru) as constrained by Wide Swath radar observations. Geophysical Journal International, 2008, 174, 842-848.	2.4	33
90	A study of the 2006 and 2007 earthquake sequence of Pisco, Peru, with InSAR and teleseismic data. Geophysical Research Letters, 2008, 35, .	4.0	26

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91	Land subsidence in Iran caused by widespread water reservoir overexploitation. Geophysical Research Letters, 2008, 35, .	4.0	191
92	Source characteristics of the 6 June 2000 Ortaâ€"Ã‡ankÄ±rÄ± (central Turkey) earthquake: a synthesis of seismological, geological and geodetic (InSAR) observations, and internal deformation of the Anatolian plate. Geological Society Special Publication, 2007, 291, 259-290.	1.3	30
93	Conceptual Case for Assimilating Interferometric Synthetic Aperture Radar Data Into the HAZUS-MH Earthquake Module. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 1595-1604.	6.3	7
94	Genesis of a new NASA InSAR mission concept, and natural hazards applications. , 2007, , .		1
95	Nighttime ASTER thermal imagery as an elevation surrogate for filling SRTM DEM voids. Geophysical Research Letters, 2007, 34, .	4.0	10
96	Interferometric synthetic aperture radar atmospheric correction: Medium Resolution Imaging Spectrometer and Advanced Synthetic Aperture Radar integration. Geophysical Research Letters, 2006, 33, .	4.0	78
97	Interferometric synthetic aperture radar atmospheric correction: GPS topography-dependent turbulence model. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	120
98	Displacement field and slip distribution of the 2005 Kashmir earthquake from SAR imagery. Geophysical Research Letters, 2006, 33, .	4.0	138
99	Coseismic and Postseismic Slip of the 2004 Parkfield Earthquake from Space-Geodetic Data. Bulletin of the Seismological Society of America, 2006, 96, S269-S282.	2.3	140
100	Seismotectonic, rupture process, and earthquake-hazard aspects of the 2003 December 26 Bam, Iran, earthquake. Geophysical Journal International, 2006, 166, 1270-1292.	2.4	94
101	Growth of South Rough Ridge, Central Otago, New Zealand: Using in situ cosmogenic isotopes and geomorphology to study an active, blind reverse fault. Journal of Geophysical Research, 2005, 110, .	3.3	42
102	Surface ruptures and building damage of the 2003 Bam, Iran, earthquake mapped by satellite synthetic aperture radar interferometric correlation. Journal of Geophysical Research, 2005, 110, .	3.3	112
103	Surface displacements and source parameters of the 2003 Bam (Iran) earthquake from Envisat advanced synthetic aperture radar imagery. Journal of Geophysical Research, 2005, 110, .	3.3	240
104	Interferometric synthetic aperture radar (InSAR) atmospheric correction: GPS, Moderate Resolution Imaging Spectroradiometer (MODIS), and InSAR integration. Journal of Geophysical Research, 2005, 110, .	3.3	146
105	Aseismic deformation of a fold-and-thrust belt imaged by synthetic aperture radar interferometry near Shahdad, southeast Iran. Geology, 2004, 32, 577.	4.4	64
106	InSAR Observations of Low Slip Rates on the Major Faults of Western Tibet. Science, 2004, 305, 236-239.	12.6	305
107	The 2003 Bam (Iran) earthquake: Rupture of a blind strike-slip fault. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	152
108	Observing earthquake-related dewatering using MISR/Terra satellite data. Eos, 2003, 84, 37-43.	0.1	16

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109	Estimating lava volume by precision combination of multiple baseline spaceborne and airborne interferometric synthetic aperture radar: the 1997 eruption of okmok volcano, alaska. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 1428-1436.	6.3	98
110	How steep are the Himalaya? Characteristics and implications of along-strike topographic variations. Geology, 2003, 31, 75.	4.4	78
111	Deformation during the 12 November 1999 Duzce, Turkey, Earthquake, from GPS and InSAR Data. Bulletin of the Seismological Society of America, 2002, 92, 161-171.	2.3	126
112	Lost Hills Field Trial â€“ Incorporating New Technology for Reservoir Management. , 2002, , .		23
113	Exploring submarine earthquake geology in the Marmara Sea. Eos, 2002, 83, 229.	0.1	23
114	Measurement of interseismic strain accumulation across the North Anatolian Fault by satellite radar interferometry. Geophysical Research Letters, 2001, 28, 2117-2120.	4.0	178
115	Triggered slip: Observations of the 17 August 1999 Izmit (Turkey) Earthquake using radar interferometry. Geophysical Research Letters, 2001, 28, 1079-1082.	4.0	110
116	Use of Satellite Radar Images in Surveillance and Control of Two Giant Oilfields in California. , 2001, , .		13
117	The 1998 March 14 Fandoqa earthquake (Mw6.6) in Kerman province, southeast Iran: re-rupture of the 1981 Sirch earthquake fault, triggering of slip on adjacent thrusts and the active tectonics of the Gowk fault zone. Geophysical Journal International, 2001, 146, 371-398.	2.4	144
118	The 26 January 2001 "Republic Day" Earthquake, India. Seismological Research Letters, 2001, 72, 328-335.	1.9	81
119	Data fusion for investigating land subsidence and coal fire hazards in a coal mining area. International Journal of Remote Sensing, 2001, 22, 921-932.	2.9	46
120	Discussion on lithospheric flexure, uplift, and landscape evolution in southâ€central England. Journal of the Geological Society, 2001, 158, 877-879.	2.1	5
121	Discussion on lithospheric flexure, uplift, and landscape evolution in south-central England. Journal of the Geological Society, 2001, 158, 725-727.	2.1	3
122	Lithospheric flexure, uplift, and landscape evolution in south-central England. Journal of the Geological Society, 2000, 157, 1169-1177.	2.1	36
123	Structural and topographic evolution of the central Transverse Ranges, California, from apatite fission-track, (U-Th)/He and digital elevation model analyses. Basin Research, 2000, 12, 97-114.	2.7	82
124	Effects of Digital Elevation Model Accuracy on Hydrologic Predictions. Remote Sensing of Environment, 2000, 74, 432-444.	11.0	113
125	Synthetic Aperture Radar Interferometry to Measure Earthâ€™s Surface Topography and Its Deformation. Annual Review of Earth and Planetary Sciences, 2000, 28, 169-209.	11.0	909
126	Earthquake Potential Along the Northern Hayward Fault, California. Science, 2000, 289, 1178-1182.	12.6	200

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127	Source parameters of the 1 October 1995 Dinar (Turkey) earthquake from SAR interferometry and seismic bodywave modelling. Earth and Planetary Science Letters, 1999, 172, 23-37.	4.4	144
128	Deformation of the 1995 North Sakhalin earthquake detected by JERS-1/SAR interferometry. Earth, Planets and Space, 1998, 50, 313-325.	2.5	29
129	Aseismic creep along the San Andreas Fault northwest of Parkfield, CA measured by radar interferometry. Geophysical Research Letters, 1998, 25, 825-828.	4.0	38
130	Rapid subsidence over oil fields measured by SAR interferometry. Geophysical Research Letters, 1998, 25, 3215-3218.	4.0	176
131	Classification of surface types using SIR-C/X-SAR, Mount Everest Area, Tibet. Journal of Geophysical Research, 1998, 103, 25823-25837.	3.3	12
132	Slip along the Hayward fault, California, estimated from space-based synthetic aperture radar interferometry. Geology, 1998, 26, 559.	4.4	28
133	Tibet uplift and erosion. Tectonophysics, 1996, 260, 55-84.	2.2	145
134	Surface deformation and coherence measurements of Kilauea Volcano, Hawaii, from SIR-C radar interferometry. Journal of Geophysical Research, 1996, 101, 23109-23125.	3.3	282
135	Bedrock incision, rock uplift and threshold hillslopes in the northwestern Himalayas. Nature, 1996, 379, 505-510.	27.8	986
136	Geophysical and Geological Databases and CTBT Monitoring: A Case Study of the Middle East. , 1996, , 197-224.		9
137	How flat is Tibet?. Geology, 1994, 22, 163.	4.4	302
138	Erosion and tectonics at the margins of continental plateaus. Journal of Geophysical Research, 1994, 99, 13941-13956.	3.3	215
139	Rift flank uplift in Tibet: Evidence for a viscous lower crust. Tectonics, 1994, 13, 659-667.	2.8	104
140	Tectonics of the central Andes. Advances in Space Research, 1989, 9, 79-84.	2.6	15
141	A demonstration of stereophotogrammetry with combined SIR-B and Landsat TM images. International Journal of Remote Sensing, 1988, 9, 1023-1038.	2.9	15
142	Active deformation at the boundary between the Precordillera and Sierras Pampeanas, Argentina, and comparison with ancient Rocky Mountain deformation. Memoir of the Geological Society of America, 1988, , 143-164.	0.5	22
143	SIR-B Radar Imagery of Volcanic Deposits in the Andes. IEEE Transactions on Geoscience and Remote Sensing, 1986, GE-24, 582-589.	6.3	6
144	COCORP seismic profiles near Coalinga, California: Subsurface structure of the western Great Valley. Geology, 1984, 12, 268.	4.4	10

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145	A computational-grid based system for continental drainage network extraction using SRTM digital elevation models. , 0, , .		4
146	Seamless Synthetic Aperture Radar Archive for Interferometry Analysis. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1, 65-72.	0.2	3
147	Use of Satellite Radar Images in Surveillance and Control of Two Giant Oilfields in California. , 0, , .		1