Eric Fielding

List of Publications by Year
in descending order

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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	Bedrock incision, rock uplift and threshold hillslopes in the northwestern Himalayas. Nature, 1996, 379, 505-510.	27.8	986
2	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
3	Complex multifault rupture during the 2016 M _w 7.8 KaikÅura earthquake, New Zealand. Science, 2017, 356, .	12.6	457
4	Geomorphic and geologic controls of geohazards induced by Nepalâ€™s 2015 Gorkha earthquake. Science, 2016, 351, aac8353.	12.6	317
5	Partial rupture of a locked patch of the Sumatra megathrust during the 2007 earthquake sequence. Nature, 2008, 456, 631-635.	27.8	308
6	InSAR Observations of Low Slip Rates on the Major Faults of Western Tibet. Science, 2004, 305, 236-239.	12.6	305
7	How flat is Tibet?. Geology, 1994, 22, 163.	4.4	302
8	Hierarchical interlocked orthogonal faulting in the 2019 Ridgecrest earthquake sequence. Science, 2019, 366, 346-351.	12.6	284
9	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
10	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
11	Superficial simplicity of the 2010 El Mayorâ€“Cucapah earthquake of Baja California in Mexico. Nature Geoscience, 2011, 4, 615-618.	12.9	225
12	Erosion and tectonics at the margins of continental plateaus. Journal of Geophysical Research, 1994, 99, 13941-13956.	3.3	215
13	Near-Field Deformation from the El Mayorâ€“Cucapah Earthquake Revealed by Differential LIDAR. Science, 2012, 335, 702-705.	12.6	206
14	Earthquake Potential Along the Northern Hayward Fault, California. Science, 2000, 289, 1178-1182.	12.6	200
15	Land subsidence in Iran caused by widespread water reservoir overexploitation. Geophysical Research Letters, 2008, 35, .	4.0	191
16	Measurement of interseismic strain accumulation across the North Anatolian Fault by satellite radar interferometry. Geophysical Research Letters, 2001, 28, 2117-2120.	4.0	178
17	Rapid subsidence over oil fields measured by SAR interferometry. Geophysical Research Letters, 1998, 25, 3215-3218.	4.0	176
18	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

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19	Early and persistent supershear rupture of the 2018 magnitude 7.5 Palu earthquake. Nature Geoscience, 2019, 12, 200-205.	12.9	163
20	Complex rupture during the 12 January 2010 HaitiÂearthquake. Nature Geoscience, 2010, 3, 800-805.	12.9	157
21	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
22	The 2003 Bam (Iran) earthquake: Rupture of a blind strike-slip fault. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	152
23	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
24	Tibet uplift and erosion. Tectonophysics, 1996, 260, 55-84.	2.2	145
25	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
26	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
27	The 2012 Brawley swarm triggered by injection-induced aseismic slip. Earth and Planetary Science Letters, 2015, 422, 115-125.	4.4	141
28	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
29	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
30	Displacement field and slip distribution of the 2005 Kashmir earthquake from SAR imagery. Geophysical Research Letters, 2006, 33, .	4.0	138
31	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
32	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
33	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
34	Interferometric synthetic aperture radar atmospheric correction: GPS topography-dependent turbulence model. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	120
35	Advanced InSAR atmospheric correction: MERIS/MODIS combination and stacked water vapour models. International Journal of Remote Sensing, 2009, 30, 3343-3363.	2.9	119
36	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

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37	A shift from drought to extreme rainfall drives a stable landslide to catastrophic failure. Scientific Reports, 2019, 9, 1569.	3.3	117
38	Effects of Digital Elevation Model Accuracy on Hydrologic Predictions. Remote Sensing of Environment, 2000, 74, 432-444.	11.0	113
39	Shallow fault-zone dilatancy recovery after the 2003 Bam earthquake in Iran. Nature, 2009, 458, 64-68.	27.8	113
40	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
41	Triggered slip: Observations of the 17 August 1999 Izmit (Turkey) Earthquake using radar interferometry. Geophysical Research Letters, 2001, 28, 1079-1082.	4.0	110
42	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
43	Rift flank uplift in Tibet: Evidence for a viscous lower crust. Tectonics, 1994, 13, 659-667.	2.8	104
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	Space geodetic monitoring of engineered structures: The ongoing destabilization of the Mosul dam, Iraq. Scientific Reports, 2016, 6, 37408.	3.3	83

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55	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
56	The 26 January 2001 "Republic Day" Earthquake, India. Seismological Research Letters, 2001, 72, 328-335.	1.9	81
57	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
58	How steep are the Himalaya? Characteristics and implications of along-strike topographic variations. Geology, 2003, 31, 75.	4.4	78
59	Interferometric synthetic aperture radar atmospheric correction: Medium Resolution Imaging Spectrometer and Advanced Synthetic Aperture Radar integration. Geophysical Research Letters, 2006, 33, .	4.0	78
60	Four-dimensional surface motions of the Slumgullion landslide and quantification of hydrometeorological forcing. Nature Communications, 2020, 11, 2792.	12.8	78
61	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
62	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
63	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
64	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
65	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
66	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
67	The 2016 Kumamoto M_w Â=Â7.0 Earthquake: A Significant Event in a Faultâ€“Volcano System. Journal of Geophysical Research: Solid Earth, 2017, 122, 9166-9183.	3.4	63
68	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
69	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
70	Measuring Azimuth Deformation With L-Band ALOS-2 ScanSAR Interferometry. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2725-2738.	6.3	57
71	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
72	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

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73	Report on the August 2012 Brawley Earthquake Swarm in Imperial Valley, Southern California. Seismological Research Letters, 2013, 84, 177-189.	1.9	48
74	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
75	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
76	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
77	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
78	Field Reconnaissance after the 25 April 2015 MÂ7.8 Gorkha Earthquake. Seismological Research Letters, 2015, 86, 1506-1513.	1.9	43
79	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
80	Geodetic Constraints on the 2014 M 6.0 South Napa Earthquake. Seismological Research Letters, 2015, 86, 335-343.	1.9	41
81	Depth varying rupture properties during the 2015 Mw 7.8 Gorkha (Nepal) earthquake. Tectonophysics, 2017, 714-715, 44-54.	2.2	40
82	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
83	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
84	Lithospheric flexure, uplift, and landscape evolution in south-central England. Journal of the Geological Society, 2000, 157, 1169-1177.	2.1	36
85	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
86	Fault geometry inversion and slip distribution of the 2010 M</sub>w</sub> 7.2 El Mayorâ€Cucapah earthquake from geodetic data. Journal of Geophysical Research: Solid Earth, 2017, 122, 607-621.	3.4	34
87	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
88	Lithospheric flexure in the Sichuan Basin and Longmen Shan at the eastern edge of Tibet. Geophysical Research Letters, 2012, 39, .	4.0	33
89	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
90	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

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91	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
92	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
93	Deformation of the 1995 North Sakhalin earthquake detected by JERS-1/SAR interferometry. Earth, Planets and Space, 1998, 50, 313-325.	2.5	29
94	Slip along the Hayward fault, California, estimated from space-based synthetic aperture radar interferometry. Geology, 1998, 26, 559.	4.4	28
95	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
96	Static stress interactions in extensional earthquake sequences: An example from the South Lunggar Rift, Tibet. Journal of Geophysical Research, 2012, 117, .	3.3	26
97	Breaking the oceanic lithosphere of a subducting slab: The 2013 Khash, Iran earthquake. Geophysical Research Letters, 2014, 41, 32-36.	4.0	26
98	Rapid collaborative knowledge building via Twitter after significant geohazard events. Geoscience Communication, 2020, 3, 129-146.	0.9	26
99	Source characteristics of the 2015 M_w 6.5 Lefkada, Greece, strikeâ€slip earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 2260-2273.	3.4	25
100	Interferometry With ALOS-2 Full-Aperture ScanSAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2739-2750.	6.3	24
101	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
102	Lost Hills Field Trial â€“ Incorporating New Technology for Reservoir Management. , 2002, , .		23
103	Exploring submarine earthquake geology in the Marmara Sea. Eos, 2002, 83, 229.	0.1	23
104	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
105	Strain budget of the Ecuadorâ€“Colombia subduction zone: A stochastic view. Earth and Planetary Science Letters, 2018, 498, 288-299.	4.4	22
106	Internal kinematics of the Slumgullion landslide (USA) from high-resolution UAVSAR InSAR data. Remote Sensing of Environment, 2020, 251, 112057.	11.0	21
107	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
108	Observing earthquake-related dewatering using MISR/Terra satellite data. Eos, 2003, 84, 37-43.	0.1	16

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109	A demonstration of stereophotogrammetry with combined SIR-B and Landsat TM images. International Journal of Remote Sensing, 1988, 9, 1023-1038.	2.9	15
110	Tectonics of the central Andes. Advances in Space Research, 1989, 9, 79-84.	2.6	15
111	Tropospheric correction for InSAR using interpolated ECMWF data and GPS Zenith Total Delay from the Southern California Integrated GPS Network. , 2010, , .		15
112	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
113	Use of Satellite Radar Images in Surveillance and Control of Two Giant Oilfields in California. , 2001, , .		13
114	Inferring the Subsurface Geometry and Strength of Slowâ€Moving Landslides Using 3â€Ð Velocity Measurements From the NASA/JPL UAVSAR. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005898.	2.8	13
115	Classification of surface types using SIR-C/X-SAR, Mount Everest Area, Tibet. Journal of Geophysical Research, 1998, 103, 25823-25837.	3.3	12
116	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
117	A Stochastic View of the 2020 ElazÄ±ÄŸ M w 6.8 Earthquake (Turkey). Geophysical Research Letters, 2021, 48, e2020GL090704.	4.0	12
118	COCORP seismic profiles near Coalinga, California: Subsurface structure of the western Great Valley. Geology, 1984, 12, 268.	4.4	10
119	Nighttime ASTER thermal imagery as an elevation surrogate for filling SRTM DEM voids. Geophysical Research Letters, 2007, 34, .	4.0	10
120	Landslide Sensitivity and Response to Precipitation Changes in Wet and Dry Climates. Geophysical Research Letters, 2022, 49, .	4.0	10
121	Rapid Imaging of Earthquake Ruptures with Combined Geodetic and Seismic Analysis. Procedia Technology, 2014, 16, 876-885.	1.1	9
122	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
123	Geophysical and Geological Databases and CTBT Monitoring: A Case Study of the Middle East. , 1996, , 197-224.		9
124	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
125	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
126	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

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127	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
128	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
129	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
130	Kinematics of the slumgullion landslide from UAVSAR derived interferograms. , 2015, , .		5
131	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
132	Discussion on lithospheric flexure, uplift, and landscape evolution in southâ€central England. Journal of the Geological Society, 2001, 158, 877-879.	2.1	5
133	A computational-grid based system for continental drainage network extraction using SRTM digital elevation models. , 0, , .		4
134	Remote sensing and the search for surface rupture, Haiti 2010. Natural Hazards, 2013, 68, 213-217.	3.4	4
135	The ongoing destabilization of the mosul dam as observed by synthetic aperture radar interferometry. , 2017, , .		4
136	Mature Diffuse Tectonic Block Boundary Revealed by the 2020 Southwestern Puerto Rico Seismic Sequence. Tectonics, 2022, 41, .	2.8	4
137	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
138	Discussion on lithospheric flexure, uplift, and landscape evolution in south-central England. Journal of the Geological Society, 2001, 158, 725-727.	2.1	3
139	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
140	Genesis of a new NASA InSAR mission concept, and natural hazards applications. , 2007, , .		1
141	Ground displacement measurement of the 2013 M7.7 and M6.8 Balochistan Earthquake with TerraSAR-X ScanSAR data. , 2014, , .		1
142	Use of Satellite Radar Images in Surveillance and Control of Two Giant Oilfields in California. , 0, , .		1
143	Recent rapid disaster response products derived from COSMO-Skymed synthetic aperture radar data. , 2016, , .		0
144	Imaging Complex Fault Slip of Large Earthquakes with Sentinel-1 and ALOS-2 SAR Analysis and Other Geodetic and Seismic Data. , 2021, , .		0

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145	Soil Moisture Retrieval Using L-Band SAR Over Landslide Regions in Northern California Grasslands. , 2021, , .		0
146	SAR IMAGING OF THE COSEISMIC AND POSTSEISMIC DEFORMATION FROM THE 2020 SOUTHWEST PUERTO RICO SEISMIC SEQUENCE. , 2020, , .		0
147	OVERVIEW OF PRELIMINARY INVESTIGATIONS OF THE 2020 SOUTHWEST PUERTO RICO SEISMIC SEQUENCE. , 2020, , .		0