

James H Foster

List of Publications by Year in descending order

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42
papers

1,659
citations

279798

23
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the Accuracy of Satellite-Based Microwave Radiometer PWV Products Using Shipborne GNSS Observations Across the Pacific Ocean. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	3
2	Robust Earthquake Early Warning at a Fraction of the Cost: ASTUTI Costa Rica. AGU Advances, 2021, 2, e2021AV000407.	5.4	17
3	Implications of deflation-inflation event models on K�lauea Volcano, Hawaii. Journal of Volcanology and Geothermal Research, 2020, 397, 106832.	2.1	6
4	Tides Detection from Ship-Based GNSS Receiver: First Test on 2010 Maule Tsunami. , 2020, , .		3
5	Regional Global Navigation Satellite System Networks for Crustal Deformation Monitoring. Seismological Research Letters, 2019, 91, 552-572.	1.9	20
6	Illuminating subduction zone rheological properties in the wake of a giant earthquake. Science Advances, 2019, 5, eaax6720.	10.3	47
7	Magnetotelluric-Geochemistry Investigations of Blawan Geothermal Field, East Java, Indonesia. Geosciences (Switzerland), 2017, 7, 41.	2.2	11
8	Isolating active orogenic wedge deformation in the southern Subandes of Bolivia. Journal of Geophysical Research: Solid Earth, 2016, 121, 6192-6218.	3.4	24
9	GPS and surveying. , 2015, , 157-170.		2
10	Sea State Determination from Ship-Based Geodetic GPS. Journal of Atmospheric and Oceanic Technology, 2014, 31, 2556-2564.	1.3	11
11	Aseismic deformation across the Hilina fault system, Hawaii, revealed by wavelet analysis of InSAR and GPS time series. Earth and Planetary Science Letters, 2013, 376, 12-19.	4.4	26
12	The utility of atmospheric analyses for the mitigation of artifacts in InSAR. Journal of Geophysical Research: Solid Earth, 2013, 118, 748-758.	3.4	34
13	Fault frictional parameters and material properties revealed by slow slip events at Kilauea volcano, Hawaii. Geophysical Research Letters, 2013, 40, 6059-6063.	4.0	18
14	Compact Multipurpose Mobile Laser Scanning System " Initial Tests and Results. Remote Sensing, 2013, 5, 521-538.	4.0	48
15	Coupling at Mauna Loa and K�lauea by stress transfer in an asthenospheric melt layer. Nature Geoscience, 2012, 5, 826-829.	12.9	32
16	GPS meteorology: An investigation of ocean-based precipitable water estimates. Journal of Geophysical Research, 2012, 117, .	3.3	15
17	Improving tsunami warning using commercial ships. Geophysical Research Letters, 2012, 39, .	4.0	20
18	Coseismic slip distribution of the February 27, 2010 Mw 8.8 Maule, Chile earthquake. Geophysical Research Letters, 2011, 38, .	4.0	59

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19	Orogenic-wedge deformation and potential for great earthquakes in the central Andean backarc. <i>Nature Geoscience</i> , 2011, 4, 380-383.	12.9	77
20	Submarine Landslides and Slow Earthquakes: Monitoring Motion with GPS and Seafloor Geodesy. , 2011, , 889-907.		4
21	Slow Slip Event at Kilauea Volcano. <i>Eos</i> , 2010, 91, 118-119.	0.1	7
22	The 2010 Maule, Chile earthquake: Downdip rupture limit revealed by space geodesy. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	117
23	High-resolution locations of triggered earthquakes and tomographic imaging of Kilauea Volcano's south flank. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
24	Ship-based measurements of sea surface topography. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	26
25	Inflation along Kilauea's Southwest Rift Zone in 2006. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 418-424.	2.1	13
26	Kinematics and segmentation of the South Shetland Islands-Bransfield basin system, northern Antarctic Peninsula. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	24
27	Roughness of Hawaiian volcanic terrains. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	33
28	Magmatically Triggered Slow Slip at Kilauea Volcano, Hawaii. <i>Science</i> , 2008, 321, 1177-1177.	12.6	55
29	Accuracy and Resolution of ALOS Interferometry: Vector Deformation Maps of the Father's Day Intrusion at Kilauea. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008, 46, 3524-3534.	6.3	135
30	Evaluation of Anisotropic Mapping Function Using JMA 10-km Spectral Model. <i>Transactions of the Japan Society for Aeronautical and Space Sciences</i> , 2008, 51, 16-21.	0.7	0
31	Space geodetic determination of spatial variability in relative sea level change, Los Angeles basin. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	47
32	Microearthquake streaks and seismicity triggered by slow earthquakes on the mobile south flank of Kilauea Volcano, Hawai'i. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	32
33	Precipitable water and the lognormal distribution. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	43
34	Mitigating atmospheric noise for InSAR using a high resolution weather model. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	123
35	Periodic slow earthquakes on the flank of Kilauea volcano, Hawai'i. <i>Earth and Planetary Science Letters</i> , 2006, 246, 207-216.	4.4	72
36	GPS Meteorology: Sliding-Window Analysis*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 687-695.	1.3	23

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37	Sea level rise at Honolulu and Hilo, Hawaii: GPS estimates of differential land motion. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	32
38	Lognormal distribution of precipitable water in Hawaii. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	19
39	The Kaâ€“ <u>u</u> storm (November 2000): Imaging precipitable water using GPS. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	23
40	Comparison of precipitable water over Hawaii using AVHRR-based split-window techniques, GPS and radiosondes. <i>International Journal of Remote Sensing</i> , 2002, 23, 2335-2339.	2.9	15
41	January 30, 1997 eruptive event on Kilauea Volcano, Hawaii, as monitored by continuous GPS. <i>Geophysical Research Letters</i> , 2000, 27, 2757-2760.	4.0	98
42	El NiÃ±o, water vapor, and the global positioning system. <i>Geophysical Research Letters</i> , 2000, 27, 2697-2700.	4.0	12