Cecily J Wolfe

List of Publications by Year
in descending order

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43 papers	3,700 citations	159585 30 h-index	254184 43 g-index
45 all docs	45 docs citations	45 times ranked	3946 citing authors

#	Article	IF	Citations
1	Geophysical Advances Triggered by 1964 Great Alaska Earthquake. Eos, 2014, 95, 141-142.	0.1	2
2	Constraining explosive volcanism: subjective choices during estimates of eruption magnitude. Bulletin of Volcanology, 2014, 76, 1.	3.0	38
3	Seismic anisotropy and shear wave splitting associated with mantle plumeâ€plate interaction. Journal of Geophysical Research: Solid Earth, 2014, 119, 4923-4937.	3.4	19
4	From field data to volumes: constraining uncertainties in pyroclastic eruption parameters. Bulletin of Volcanology, 2014, 76, 1.	3.0	38
5	Double layering of a thermochemical plume in the upper mantle beneath Hawaii. Earth and Planetary Science Letters, 2013, 376, 155-164.	4.4	76
6	Systematic relocation of seismicity on Hawaii Island from 1992 to 2009 using waveform cross correlation and cluster analysis. Journal of Geophysical Research: Solid Earth, 2013, 118, 2275-2288.	3.4	54
7	Coupling at Mauna Loa and KÄ«lauea by stress transfer in an asthenospheric melt layer. Nature Geoscience, 2012, 5, 826-829.	12.9	32
8	Shear wave splitting at the Hawaiian hot spot from the PLUME land and ocean bottom seismometer deployments. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	24
9	Novel inversion approach to constrain plume sedimentation from tephra deposit data: Application to the 17 June 1996 eruption of Ruapehu volcano, New Zealand. Journal of Geophysical Research, 2012, 117, .	3.3	11
10	Mantle P-wave velocity structure beneath the Hawaiian hotspot. Earth and Planetary Science Letters, 2011, 303, 267-280.	4.4	64
11	Asymmetric shallow mantle structure beneath the Hawaiian Swell-evidence from Rayleigh waves recorded by the PLUME network. Geophysical Journal International, 2011, 187, 1725-1742.	2.4	43
12	Snail2 is an Essential Mediator of Twist1-Induced Epithelial Mesenchymal Transition and Metastasis. Cancer Research, 2011, 71, 245-254.	0.9	354
13	Underplating of the Hawaiian Swell: evidence from teleseismic receiver functions. Geophysical Journal International, 2010, 183, 313-329.	2.4	83
14	KÄ«holo Bay, Hawaiâ€¯i, earthquake sequence of 2006: Relationship of the main shock slip with locations and source parameters of aftershocks. Journal of Geophysical Research, 2010, 115, .	3.3	21
15	Slow Slip Event at Kilauea Volcano. Eos, 2010, 91, 118-119.	0.1	7
16	Highâ€resolution locations of triggered earthquakes and tomographic imaging of Kilauea Volcano's south flank. Journal of Geophysical Research, 2010, 115, .	3.3	26
17	Mantle Shear-Wave Velocity Structure Beneath the Hawaiian Hot Spot. Science, 2009, 326, 1388-1390.	12.6	190
18	Probing the Hawaiian Hot Spot With New Broadband Ocean Bottom Instruments. Eos, 2009, 90, 362-363.	0.1	37

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19	Swarms of similar long-period earthquakes in the mantle beneath Mauna Loa Volcano. Journal of Volcanology and Geothermal Research, 2008, 178, 787-794.	2.1	46
20	Magmatically Triggered Slow Slip at Kilauea Volcano, Hawaii. Science, 2008, 321, 1177-1177.	12.6	55
21	Microearthquake streaks and seismicity triggered by slow earthquakes on the mobile south flank of Kilauea Volcano, Hawai'i. Geophysical Research Letters, 2007, 34, .	4.0	32
22	Periodic slow earthquakes on the flank of KÄ«lauea volcano, HawaiÊ»i. Earth and Planetary Science Letters, 2006, 246, 207-216.	4.4	72
23	Air Travel and the Spread of Influenza: Authors' Reply. PLoS Medicine, 2006, 3, e502.	8.4	3
24	Empirical Evidence for the Effect of Airline Travel on Inter-Regional Influenza Spread in the United States. PLoS Medicine, 2006, 3, e401.	8.4	221
25	Systematic survey reveals general applicability of "guilt-by-association" within gene coexpression networks. BMC Bioinformatics, 2005, 6, 227.	2.6	370
26	Characteristics of deep (â‰¥13 km) Hawaiian earthquakes and Hawaiian earthquakes west of 155.55Â°W. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a.	2.5	36
27	Seismological evidence for a mid-mantle discontinuity beneath Hawaii and Iceland. Earth and Planetary Science Letters, 2003, 214, 143-151.	4.4	36
28	Mantle Fault Zone Beneath Kilauea Volcano, Hawaii. Science, 2003, 300, 478-480.	12.6	61
29	On the Mathematics of Using Difference Operators to Relocate Earthquakes. Bulletin of the Seismological Society of America, 2002, 92, 2879-2892.	2.3	69
30	Inversion of body-wave delay times for mantle structure beneath the Hawaiian islands: results from the PELENET experiment. Earth and Planetary Science Letters, 2002, 198, 129-145.	4.4	29
31	Assessing the depth resolution of tomographic models of upper mantle structure beneath Iceland. Geophysical Research Letters, 2002, 29, 1.	4.0	25
32	Mantle flow, melting, and dehydration of the Iceland mantle plume. Earth and Planetary Science Letters, 1999, 165, 81-96.	4.4	172
33	Number of women faculty in the geosciences increasing, but slowly. Eos, 1999, 80, 133.	0.1	5
34	Shear-wave splitting across western Saudi Arabia: The pattern of upper mantle anisotropy at a Proterozoic Shield. Geophysical Research Letters, 1999, 26, 779-782.	4.0	45
35	Prospecting for hotspot roots. Nature, 1998, 396, 212-213.	27.8	2
36	Seismic evidence for a lower-mantle origin of the Iceland plume. Nature, 1998, 395, 62-65.	27.8	214

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37	Seismic anisotropy of oceanic upper mantle: Shear wave splitting methodologies and observations. Journal of Geophysical Research, 1998, 103, 749-771.	3.3	263
38	Shear-wave splitting at central Tien Shan: Evidence for rapid variation of anisotropic patterns. Geophysical Research Letters, 1998, 25, 1217-1220.	4.0	61
39	Shear-Wave Splitting and Implications for Mantle Flow Beneath the MELT Region of the East Pacific Rise. Science, 1998, 280, 1230-1232.	12.6	168
40	Seismic structure of the Iceland mantle plume. Nature, 1997, 385, 245-247.	27.8	448
41	Initial results from the ICEMELT Experiment: Body-wave delay times and shear-wave splitting across Iceland. Geophysical Research Letters, 1996, 23, 459-462.	4.0	52
42	Correction to â€œInitial results from the ICEMELT Experiment: Body-wave delay times and shear-wave splitting across Icelandâ€• Geophysical Research Letters, 1996, 23, 903-903.	4.0	6
43	The Marquesas archipelagic apron: Seismic stratigraphy and implications for volcano growth, mass wasting, and crustal underplating. Journal of Geophysical Research, 1994, 99, 13591-13608.	3.3	90