

Daniel Dzurisin

List of Publications by Year in descending order

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59
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126907

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79
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docs citations

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2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcano Deformation: Insights into Magmatic Systems. , 2022, , 503-537.		0
2	Geodetic Constraints on a 25-year Magmatic Inflation Episode Near Three Sisters, Central Oregon. Journal of Geophysical Research: Solid Earth, 2021, 126, .	3.4	8
3	Magma Intrusion and Volatile Ascent Beneath Norris Geyser Basin, Yellowstone National Park. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018208.	3.4	15
4	Space-Based Imaging Radar Studies of U.S. Volcanoes. Frontiers in Earth Science, 2019, 6, .	1.8	15
5	Volcano Deformation: Insights into Magmatic Systems. , 2019, , 1-35.		0
6	Mass Addition at Mount St. Helens, Washington, Inferred From Repeated Gravity Surveys. Journal of Geophysical Research: Solid Earth, 2018, 123, 1856-1874.	3.4	18
7	Mount St. Helens Retrospective: Lessons Learned Since 1980 and Remaining Challenges. Frontiers in Earth Science, 2018, 6, .	1.8	12
8	Semipermanent GPS (SPGPS) as a volcano monitoring tool: Rationale, method, and applications. Journal of Volcanology and Geothermal Research, 2017, 344, 40-51.	2.1	10
9	Volcano geodesy in the Cascade arc, USA. Bulletin of Volcanology, 2017, 79, 1.	3.0	20
10	The 2004-2008 dome-building eruption at Mount St. Helens, Washington: epilogue. Bulletin of Volcanology, 2015, 77, 1.	3.0	21
11	InSAR Imaging of Aleutian Volcanoes. , 2014, , 87-345.		35
12	InSAR Observations and Insights into Aleutian Volcanism. , 2014, , 347-367.		2
13	Role of Ground Surface Deformation in Volcano Monitoring. , 2014, , 71-85.		0
14	Recent Advances in InSAR Image Processing and Analysis. , 2014, , 35-48.		0
15	Dynamic deformation of Seguam Island, Alaska, 1992-2008, from multi-interferogram InSAR processing. Journal of Volcanology and Geothermal Research, 2013, 260, 43-51.	2.1	28
16	Pre-eruption deformation caused by dike intrusion beneath Kizimen volcano, Kamchatka, Russia, observed by InSAR. Journal of Volcanology and Geothermal Research, 2013, 256, 87-95.	2.1	22
17	Rapid, low-cost photogrammetry to monitor volcanic eruptions: an example from Mount St. Helens, Washington, USA. Bulletin of Volcanology, 2012, 74, 579-587.	3.0	50
18	Monitoring Natural Hazards in Protected Lands Using Interferometric Synthetic Aperture Radar. Taylor & Francis Series in Remote Sensing Applications, 2011, , 439-472.	0.0	1

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19	Ground surface deformation patterns, magma supply, and magma storage at Okmok volcano, Alaska, from InSAR analysis: 2. Coeruptive deflation, Julyâ€“August 2008. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	63
20	Ground surface deformation patterns, magma supply, and magma storage at Okmok volcano, Alaska, from InSAR analysis: 1. Intereruption deformation, 1997â€“2008. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	119
21	Radar image and data fusion for natural hazards characterisation. <i>International Journal of Image and Data Fusion</i> , 2010, 1, 217-242.	1.7	37
22	Monitoring and characterizing natural hazards with satellite InSAR imagery. <i>Annals of GIS</i> , 2010, 16, 55-66.	3.1	13
23	Continuing inflation at Three Sisters volcanic center, central Oregon Cascade Range, USA, from GPS, leveling, and InSAR observations. <i>Bulletin of Volcanology</i> , 2009, 71, 1091-1110.	3.0	61
24	Monitoring lava-dome growth during the 2004â€“2008 Mount St. Helens, Washington, eruption using oblique terrestrial photography. <i>Earth and Planetary Science Letters</i> , 2009, 286, 243-254.	4.4	41
25	Diverse deformation patterns of Aleutian Volcanoes from satellite Interferometric Synthetic Aperture Radar (InSAR). <i>Geophysical Monograph Series</i> , 2007, , 249-261.	0.1	17
26	Uplift, thermal unrest and magma intrusion at Yellowstone caldera. <i>Nature</i> , 2006, 440, 72-75.	27.8	138
27	Dynamics of seismogenic volcanic extrusion at Mount St Helens in 2004â€“05. <i>Nature</i> , 2006, 444, 439-443.	27.8	191
28	Constraints on the mechanism of long-term, steady subsidence at Medicine Lake volcano, northern California, from GPS, leveling, and InSAR. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 150, 55-78.	2.1	78
29	Geodetic observations and modeling of magmatic inflation at the Three Sisters volcanic center, central Oregon Cascade Range, USA. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 150, 35-54.	2.1	58
30	Surface deformation associated with the March 1996 earthquake swarm at Akutan Island, Alaska, revealed by C-band ERS and L-band JERS radar interferometry. <i>Canadian Journal of Remote Sensing</i> , 2005, 31, 7-20.	2.4	39
31	Interferometric synthetic aperture radar study of Okmok volcano, Alaska, 1992-2003: Magma supply dynamics and postemplacement lava flow deformation. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	129
32	Mount St. Helens reawakens. <i>Eos</i> , 2005, 86, 25.	0.1	31
33	A comprehensive approach to monitoring volcano deformation as a window on the eruption cycle. <i>Reviews of Geophysics</i> , 2003, 41, .	23.0	160
34	Magma supply dynamics at Westdahl volcano, Alaska, modeled from satellite radar interferometry. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	71
35	EarthScoping the inner workings of magmatic systems. <i>Eos</i> , 2003, 84, 235-235.	0.1	2
36	Steady subsidence of Medicine Lake volcano, northern California, revealed by repeated leveling surveys. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 8-1-ECV 8-16.	3.3	44

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37	Preeruptive inflation and surface interferometric coherence characteristics revealed by satellite radar interferometry at Makushin Volcano, Alaska: 1993-2000. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 1-1-ECV 1-13.	3.3	45
38	Subsidence at Kiska Volcano, Western Aleutians, detected by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2002, 29, 2-1-2-4.	4.0	38
39	Magmatic activity beneath the quiescent Three Sisters volcanic center, central Oregon Cascade Range, USA. <i>Geophysical Research Letters</i> , 2002, 29, 26-1.	4.0	134
40	Volcano geodesy: challenges and opportunities for the 21st century. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 1547-1566.	3.4	32
41	Ground deformation associated with the March 1996 earthquake swarm at Akutan volcano, Alaska, revealed by satellite radar interferometry. <i>Journal of Geophysical Research</i> , 2000, 105, 21483-21495.	3.3	77
42	Aseismic inflation of Westdahl Volcano, Alaska, revealed by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2000, 27, 1567-1570.	4.0	66
43	Results of repeated leveling surveys at Newberry Volcano, Oregon, and near Lassen Peak Volcano, California. <i>Bulletin of Volcanology</i> , 1999, 61, 83-91.	3.0	12
44	Renewed uplift at the Yellowstone Caldera measured by leveling surveys and satellite radar interferometry. <i>Bulletin of Volcanology</i> , 1999, 61, 349-355.	3.0	41
45	Volcano geodesy: The search for magma reservoirs and the formation of eruptive vents. <i>Reviews of Geophysics</i> , 1997, 35, 343-384.	23.0	267
46	The Uwekahuna Ash Member of the Puna Basalt: product of violent phreatomagmatic eruptions at Kilauea volcano, Hawaii, between 2800 and 2100±14C years ago. <i>Journal of Volcanology and Geothermal Research</i> , 1995, 66, 163-184.	2.1	58
47	Mechanisms of crustal uplift and subsidence at the Yellowstone caldera, Wyoming. <i>Bulletin of Volcanology</i> , 1994, 56, 261-270.	3.0	65
48	Variations in magma supply rate at Kilauea Volcano, Hawaii. <i>Journal of Geophysical Research</i> , 1993, 98, 22255-22268.	3.3	109
49	Crustal subsidence, seismicity, and structure near Medicine Lake Volcano, California. <i>Journal of Geophysical Research</i> , 1991, 96, 16319-16333.	3.3	33
50	Recent crustal subsidence at Yellowstone Caldera, Wyoming. <i>Bulletin of Volcanology</i> , 1990, 52, 247-270.	3.0	66
51	Cooling rate and thermal structure determined from progressive magnetization of the Dacite Dome at Mount St. Helens, Washington. <i>Journal of Geophysical Research</i> , 1990, 95, 2763-2780.	3.3	43
52	Vertical surface displacements at Yellowstone Caldera, Wyoming, 1976-1986. <i>Journal of Geophysical Research</i> , 1987, 92, 13753-13766.	3.3	74
53	Forecasts and predictions of eruptive activity at Mount St. Helens, USA: 1975-1984. <i>Journal of Geodynamics</i> , 1985, 3, 397-423.	1.6	101
54	Expendable bubble tiltmeter for geophysical monitoring. <i>Review of Scientific Instruments</i> , 1983, 54, 415-418.	1.3	44

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55	Predicting Eruptions at Mount St. Helens, June 1980 Through December 1982. <i>Science</i> , 1983, 221, 1369-1376.	12.6	133
56	Eruption Prediction Aided by Electronic Tiltmeter Data at Mount St. Helens. <i>Science</i> , 1983, 221, 1381-1383.	12.6	60
57	Stripping of Keanakakoi tephra on Kilauea Volcano, Hawaii. <i>Bulletin of the Geological Society of America</i> , 1983, 94, 1148.	3.3	23
58	Influence of fortnightly Earth tides at Kilauea Volcano, Hawaii. <i>Geophysical Research Letters</i> , 1980, 7, 925-928.	4.0	63
59	The 1977 eruption of Kilauea volcano, Hawaii. <i>Journal of Volcanology and Geothermal Research</i> , 1980, 7, 189-210.	2.1	67