

Daniel Dzurisin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2460776/daniel-dzurisin-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

2,660
citations

32
h-index

50
g-index

79
ext. papers

2,952
ext. citations

7.5
avg, IF

4.83
L-index

#	Paper	IF	Citations
71	Volcano geodesy: The search for magma reservoirs and the formation of eruptive vents. <i>Reviews of Geophysics</i> , 1997 , 35, 343-384	23.1	217
70	Dynamics of seismogenic volcanic extrusion at Mount St Helens in 2004-05. <i>Nature</i> , 2006 , 444, 439-43	50.4	153
69	A comprehensive approach to monitoring volcano deformation as a window on the eruption cycle. <i>Reviews of Geophysics</i> , 2003 , 41,	23.1	130
68	Uplift, thermal unrest and magma intrusion at Yellowstone caldera. <i>Nature</i> , 2006 , 440, 72-5	50.4	118
67	Predicting eruptions at mount st. Helens, june 1980 through december 1982. <i>Science</i> , 1983 , 221, 1369-76	33.3	114
66	Magmatic activity beneath the quiescent Three Sisters volcanic center, central Oregon Cascade Range, USA. <i>Geophysical Research Letters</i> , 2002 , 29, 26-1	4.9	105
65	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,		103
64	Ground surface deformation patterns, magma supply, and magma storage at Okmok volcano, Alaska, from InSAR analysis: 1. Intereruption deformation, 1997-2008. <i>Journal of Geophysical Research</i> , 2010 , 115,		98
63	Variations in magma supply rate at Kilauea Volcano, Hawaii. <i>Journal of Geophysical Research</i> , 1993 , 98, 22255-22268		87
62	Vertical surface displacements at Yellowstone Caldera, Wyoming, 1976-1986. <i>Journal of Geophysical Research</i> , 1987 , 92, 13753-13766		65
61	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		64
60	Magma supply dynamics at Westdahl volcano, Alaska, modeled from satellite radar interferometry. <i>Journal of Geophysical Research</i> , 2003 , 108,		63
59	Recent crustal subsidence at Yellowstone Caldera, Wyoming. <i>Bulletin of Volcanology</i> , 1990 , 52, 247-270	2.4	59
58	Aseismic inflation of Westdahl Volcano, Alaska, revealed by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2000 , 27, 1567-1570	4.9	58
57	Forecasts and predictions of eruptive activity at Mount St. Helens, USA: 1975-1984. <i>Journal of Geodynamics</i> , 1985 , 3, 397-423	2.2	58
56	Mechanisms of crustal uplift and subsidence at the Yellowstone caldera, Wyoming. <i>Bulletin of Volcanology</i> , 1994 , 56, 261-270	2.4	57
55	Influence of fortnightly Earth tides at Kilauea Volcano, Hawaii. <i>Geophysical Research Letters</i> , 1980 , 7, 925-928	4.9	57

54	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	2.8	56
53	The 1977 eruption of Kilauea volcano, Hawaii. <i>Journal of Volcanology and Geothermal Research</i> , 1980 , 7, 189-210	2.8	55
52	Eruption prediction aided by electronic tiltmeter data at mount st. Helens. <i>Science</i> , 1983 , 221, 1381-3	33.3	52
51	Ground surface deformation patterns, magma supply, and magma storage at Okmok volcano, Alaska, from InSAR analysis: 2. Coeruptive deflation, July-August 2008. <i>Journal of Geophysical Research</i> , 2010 , 115,		50
50	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	2.4	48
49	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	2.8	44
48	The Uwekahuna Ash Member of the Puna Basalt: product of violent phreatomagmatic eruptions at Kilauea volcano, Hawaii, between 2800 and 2100 ¹⁴ C years ago. <i>Journal of Volcanology and Geothermal Research</i> , 1995 , 66, 163-184	2.8	44
47	Renewed uplift at the Yellowstone Caldera measured by leveling surveys and satellite radar interferometry. <i>Bulletin of Volcanology</i> , 1999 , 61, 349-355	2.4	38
46	Rapid, low-cost photogrammetry to monitor volcanic eruptions: an example from Mount St. Helens, Washington, USA. <i>Bulletin of Volcanology</i> , 2012 , 74, 579-587	2.4	37
45	Preruptive 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		37
44	Monitoring lava-dome growth during the 2004-2008 Mount St. Helens, Washington, eruption using oblique terrestrial photography. <i>Earth and Planetary Science Letters</i> , 2009 , 286, 243-254	5.3	36
43	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		35
42	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		35
41	Subsidence at Kiska Volcano, Western Aleutians, detected by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2002 , 29, 2-1-2-4	4.9	34
40	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	1.8	33
39	Expendable bubble tiltmeter for geophysical monitoring. <i>Review of Scientific Instruments</i> , 1983 , 54, 415-418	4.18	31
38	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	28
37	Crustal subsidence, seismicity, and structure near Medicine Lake Volcano, California. <i>Journal of Geophysical Research</i> , 1991 , 96, 16319		27

36	InSAR Imaging of Aleutian Volcanoes 2014 , 87-345		27
35	Mount St. Helens reawakens. <i>Eos</i> , 2005 , 86, 25	1.5	26
34	Radar image and data fusion for natural hazards characterisation. <i>International Journal of Image and Data Fusion</i> , 2010 , 1, 217-242	1.8	25
33	Dynamic deformation of Seguam Island, Alaska, 1992–2008, from multi-interferogram InSAR processing. <i>Journal of Volcanology and Geothermal Research</i> , 2013 , 260, 43-51	2.8	23
32	Stripping of Keanakakoi tephra on Kilauea Volcano, Hawaii. <i>Bulletin of the Geological Society of America</i> , 1983 , 94, 1148	3.9	20
31	Pre-eruption deformation caused by dike intrusion beneath Kizimen volcano, Kamchatka, Russia, observed by InSAR. <i>Journal of Volcanology and Geothermal Research</i> , 2013 , 256, 87-95	2.8	19
30	The 2004–2008 dome-building eruption at Mount St. Helens, Washington: epilogue. <i>Bulletin of Volcanology</i> , 2015 , 77, 1	2.4	18
29	Analysis of GPS-measured deformation associated with the 2004-2006 dome-building eruption of Mount St. Helens, Washington. <i>US Geological Survey Professional Paper</i> , 301-333		15
28	Diverse Deformation Patterns of Aleutian Volcanoes from Satellite Interferometric Synthetic Aperture Radar (InSAR). <i>Geophysical Monograph Series</i> , 2007 , 249-261	1.1	14
27	Mass Addition at Mount St. Helens, Washington, Inferred From Repeated Gravity Surveys. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 1856-1874	3.6	13
26	Magma Intrusion and Volatile Ascent Beneath Norris Geyser Basin, Yellowstone National Park. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018208	3.6	12
25	Volcano geodesy in the Cascade arc, USA. <i>Bulletin of Volcanology</i> , 2017 , 79, 1	2.4	12
24	History of surface displacements at the Yellowstone Caldera, Wyoming, from leveling surveys and InSAR observations, 1923-2008. <i>US Geological Survey Professional Paper</i> ,		12
23	Constraints and conundrums resulting from ground-deformation measurements made during the 2004-2005 dome-building eruption of Mount St. Helens, Washington. <i>US Geological Survey Professional Paper</i> , 281-300		11
22	Surface deformation of Augustine Volcano, 1992-2005, from multiple-interferogram processing using a refined Small Baseline Subset (SBAS) Interferometric Synthetic Aperture Radar (InSAR) approach: Chapter 18 in The 2006 eruption of Augustine Volcano, Alaska. <i>US Geological Survey Professional Paper</i> , 453-465		10
21	Space-Based Imaging Radar Studies of U.S. Volcanoes. <i>Frontiers in Earth Science</i> , 2019 , 6,	3.5	10
20	Results of repeated leveling surveys at Newberry Volcano, Oregon, and near Lassen Peak Volcano, California. <i>Bulletin of Volcanology</i> , 1999 , 61, 83-91	2.4	8
19	Mount St. Helens Retrospective: Lessons Learned Since 1980 and Remaining Challenges. <i>Frontiers in Earth Science</i> , 2018 , 6,	3.5	8

18	Semipermanent GPS (SPGPS) as a volcano monitoring tool: Rationale, method, and applications. <i>Journal of Volcanology and Geothermal Research</i> , 2017 , 344, 40-51	2.8	7
17	Tilt networks of Mount Shasta and Lassen Peak, California. <i>US Geological Survey Open-File Report</i> ,		7
16	Precision gravity networks at Lassen Peak and Mount Shasta, California. <i>US Geological Survey Open-File Report</i> ,		7
15	Monitoring and characterizing natural hazards with satellite InSAR imagery. <i>Annals of GIS</i> , 2010 , 16, 55-66.1	4.1	5
14	Global Positioning System (GPS) survey of Augustine Volcano, Alaska, August 3-8, 2000: data processing, geodetic coordinates and comparison with prior geodetic surveys. <i>US Geological Survey Open-File Report</i> ,		5
13	Mount St. Helens, 1980 to now—what’s going on?. <i>US Geological Survey Fact Sheet</i> ,		3
12	Preliminary results of precise leveling and trilateration surveys in Yellowstone National Park, Wyoming, 1983-1984. <i>US Geological Survey Open-File Report</i> ,		3
11	Areal distribution, thickness, and volume of downwind ash from the May 18, 1980, eruption of Mount St. Helens. <i>US Geological Survey Open-File Report</i> ,		2
10	Preliminary results of precise leveling and trilateration surveys in Yellowstone National Park, Wyoming, 1985. <i>US Geological Survey Open-File Report</i> ,		2
9	Remote camera observations of lava dome growth at Mount St. Helens, Washington, October 2004 to February 2006. <i>US Geological Survey Profesional Paper</i> ,225-236		2
8	Geodetic constraints on a 25-year magmatic inflation episode near Three Sisters, central Oregon. <i>Journal of Geophysical Research: Solid Earth</i> ,	3.6	2
7	InSAR Observations and Insights into Aleutian Volcanism 2014 , 347-367		2
6	EarthScoping the inner workings of magmatic systems. <i>Eos</i> , 2003 , 84, 235-235	1.5	1
5	Monitoring Natural Hazards in Protected Lands Using Interferometric Synthetic Aperture Radar. <i>Taylor & Francis Series in Remote Sensing Applications</i> , 2011 , 439-472		
4	Role of Ground Surface Deformation in Volcano Monitoring 2014 , 71-85		
3	Recent Advances in InSAR Image Processing and Analysis 2014 , 35-48		
2	Vertical Surface Displacements at Yellowstone Caldera, Wyoming, 1976-1986. <i>Collected Reprint Series</i> ,13753-13766		
1	Volcano Deformation: Insights into Magmatic Systems 2022 , 503-537		

