

Setsuya Nakada

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8473054/setsuya-nakada-publications-by-year.pdf>

Version: 2024-04-28

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.

86
papers

2,660
citations

30
h-index

49
g-index

95
ext. papers

2,931
ext. citations

3.3
avg, IF

4.99
L-index

#	Paper	IF	Citations
86	Transient conduit permeability controlled by a shift between compactant shear and dilatant rupture at Unzen volcano (Japan). <i>Solid Earth</i> , 2022 , 13, 875-900	3.3	
85	UNESCO Global Geoparks in the World after a multiple-goals roadmap proposal for future discussion. <i>Episodes</i> , 2021 ,	1.6	6
84	Rapid alteration of fractured volcanic conduits beneath Mt Unzen. <i>Bulletin of Volcanology</i> , 2021 , 83, 1	2.4	4
83	Shallow Magmatic Hydrothermal Eruption in April 2018 on Ebinokogen Ioyama Volcano in Kirishima Volcano Group, Kyushu, Japan. <i>Geosciences (Switzerland)</i> , 2020 , 10, 183	2.7	8
82	Volcanic Eruption and Human Geoscience. <i>Advances in Geological Science</i> , 2020 , 145-157	0.1	
81	Petrological Architecture of a Magmatic Shear Zone: A Multidisciplinary Investigation of Strain Localisation During Magma Ascent at Unzen Volcano, Japan. <i>Journal of Petrology</i> , 2019 , 60, 791-826	3.9	21
80	Volcano observatory best practices (VOBP) workshops - a summary of findings and best-practice recommendations. <i>Journal of Applied Volcanology</i> , 2019 , 8,	2.6	23
79	Eruption Pattern and a Long-Term Magma Discharge Rate over the Past 100 Years at Kelud Volcano, Indonesia. <i>Journal of Disaster Research</i> , 2019 , 14, 27-39	0.8	2
78	Eruption Scenarios of Active Volcanoes in Indonesia. <i>Journal of Disaster Research</i> , 2019 , 14, 40-50	0.8	5
77	Conveying Volcano Information Effectively to Stakeholders A New Project for Promotion of Next Generation Volcano Research. <i>Journal of Disaster Research</i> , 2019 , 14, 623-629	0.8	2
76	Growth process of the lava dome/flow complex at Sinabung Volcano during 2013-2016. <i>Journal of Volcanology and Geothermal Research</i> , 2019 , 382, 120-136	2.8	22
75	A sequence of a plinian eruption preceded by dome destruction at Kelud volcano, Indonesia, on February 13, 2014, revealed from tephra fallout and pyroclastic density current deposits. <i>Journal of Volcanology and Geothermal Research</i> , 2019 , 382, 24-41	2.8	24
74	Conduit processes during the climactic phase of the Shinmoe-dake 2011 eruption (Japan): Insights into intermittent explosive activity and transition in eruption style of andesitic magma. <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 358, 87-104	2.8	1
73	Volcanic Archipelago: Volcanism as a Geoheritage Characteristic of Japan. <i>Volcanic Tourist Destinations</i> , 2018 , 19-28	0.1	2
72	Intermittent generation of mafic enclaves in the 1991-1995 dacite of Unzen Volcano recorded in mineral chemistry. <i>Contributions To Mineralogy and Petrology</i> , 2017 , 172, 1	3.5	9
71	Safety assessment of nuclear power plant under volcanic phenomena part2 Revision of JEAG4625 on the safety assessment of severe accident measures equipment and maintenance programme. <i>Journal of Nuclear Science and Technology</i> , 2017 , 54, 1277-1291	1	1
70	The 2014 phreatic eruption of Ontake Volcano and the subsequent erosion. <i>Journal of the Geological Society of Japan</i> , 2017 , 123, I-II	0.6	1

69	Reconstruction of the 2014 eruption sequence of Ontake Volcano from recorded images and interviews. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	43
68	Safety Assessment of Nuclear Power Plant under Volcanic Phenomena Part 2. <i>Transactions of the Atomic Energy Society of Japan</i> , 2016 , 15, 173-182	0.1	1
67	2014 Mount Ontake eruption: characteristics of the phreatic eruption as inferred from aerial observations. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	36
66	Safety assessment of nuclear power plant under volcanic phenomena [Background and technical basis of the revision of JEAG4625. <i>Journal of Nuclear Science and Technology</i> , 2016 , 53, 929-943	1	
65	Morphological evolution of a new volcanic islet sustained by compound lava flows. <i>Geology</i> , 2016 , 44, 259-262	5	21
64	Numerical Simulations of Volcanic Ash Plume Dispersal from Kelud Volcano in Indonesia on February 13, 2014. <i>Journal of Disaster Research</i> , 2016 , 11, 31-42	0.8	9
63	Credibility of Volcanic Ash Thicknesses Reported by the Media and Local Residents Following the 2014 Eruption of Kelud Volcano, Indonesia. <i>Journal of Disaster Research</i> , 2016 , 11, 53-59	0.8	6
62	Reconstruction of a phreatic eruption on 27 September 2014 at Ontake volcano, central Japan, based on proximal pyroclastic density current and fallout deposits. <i>Earth, Planets and Space</i> , 2016 , 68,	2.9	47
61	The October 16, 2013 rainfall-induced landslides and associated lahars at Izu Oshima Volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 302, 242-256	2.8	15
60	A trachyte-tyenite core within a basaltic nest: filtering of primitive injections by a multi-stage magma plumbing system (Oki-Dōen, south-west Japan). <i>Contributions To Mineralogy and Petrology</i> , 2015 , 170, 1	3.5	9
59	Extreme Volcanic Risks 2 2015 , 355-376		4
58	Geochemical and Sr/Rb isotopic characteristics of Quaternary Magmas from the Pre-Komitate volcano. <i>Journal of Mineralogical and Petrological Sciences</i> , 2015 , 110, 65-70	0.9	2
57	Constraining tephra dispersion and deposition from three subplinian explosions in 2011 at Shinmoedake volcano, Kyushu, Japan. <i>Bulletin of Volcanology</i> , 2014 , 76, 1	2.4	12
56	Safety Assessment of Nuclear Power Plant under Volcanic Phenomena Background and Technical Basis of the Revision of JEAG4625. <i>Transactions of the Atomic Energy Society of Japan</i> , 2014 , 13, 75-86	0.1	3
55	Syneruptive deep magma transfer and shallow magma remobilization during the 2011 eruption of Shinmoe-dake, Japan Constraints from melt inclusions and phase equilibria experiments. <i>Journal of Volcanology and Geothermal Research</i> , 2013 , 257, 184-204	2.8	44
54	Ballistic ejecta and eruption condition of the vulcanian explosion of Shinmoedake volcano, Kyushu, Japan on 1 February, 2011. <i>Earth, Planets and Space</i> , 2013 , 65, 609-621	2.9	24
53	Precursory activity and evolution of the 2011 eruption of Shinmoe-dake in Kirishima volcano Insights from ash samples. <i>Earth, Planets and Space</i> , 2013 , 65, 591-607	2.9	30
52	The outline of the 2011 eruption at Shinmoe-dake (Kirishima), Japan. <i>Earth, Planets and Space</i> , 2013 , 65, 475-488	2.9	55

51	Scientific Results of Volcano Drilling and Future Prospects. <i>Journal of Geography (Chigaku Zasshi)</i> , 2013 , 122, 258-272	0.5	3
50	Methods for Eruption Prediction and Hazard Evaluation at Indonesian Volcanoes. <i>Journal of Disaster Research</i> , 2012 , 7, 26-36	0.8	19
49	Evaluation of Volcanic Activity at Sinabung Volcano, After More Than 400 Years of Quiet. <i>Journal of Disaster Research</i> , 2012 , 7, 37-47	0.8	20
48	Evolution of Mount Fuji, Japan: Inference from drilling into the subaerial oldest volcano, pre-Komitake. <i>Island Arc</i> , 2010 , 19, 470-488	2	13
47	Preface: special issue, scientific drilling at Mount Unzen. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, v-vi	2.8	3
46	Permeability measurements on rock samples from Unzen Scientific Drilling Project Drill Hole 4 (USDP-4). <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 82-90	2.8	10
45	Relation between microlite textures and discharge rate during the 1991-1995 eruptions at Unzen, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 141-155	2.8	52
44	Magmatic processes of Unzen volcano revealed by excess argon distribution in zero-age plagioclase phenocrysts. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 189-207	2.8	7
43	Real-time drill mud gas logging at the USDP-4 drilling, Unzen volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 28-34	2.8	10
42	Groundmass crystallization in dacite dykes taken in Unzen Scientific Drilling Project (USDP-4). <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 71-81	2.8	23
41	Drilling and logging results of USDP-4 Penetration into the volcanic conduit of Unzen Volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 1-12	2.8	34
40	Character and origin of lithofacies in the conduit of Unzen volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 45-59	2.8	33
39	Common origin of plagioclase in the last three eruptions of Unzen volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2008 , 175, 181-188	2.8	4
38	^{238}U - ^{230}Th radioactive disequilibrium in the northern Izu arc: ($^{230}\text{Th}/^{232}\text{Th}$) in the sub-arc mantle. <i>Geochemical Journal</i> , 2008 , 42, 461-479	0.9	6
37	Implication of the temporal sulphur isotopic variation during the 2000 eruption of Miyakejima Volcano, Japan. <i>Island Arc</i> , 2007 , 16, 83-92	2	4
36	Remobilization of Highly Crystalline Felsic Magma by Injection of Mafic Magma: Constraints from the Middle Sixth Century Eruption at Haruna Volcano, Honshu, Japan. <i>Journal of Petrology</i> , 2007 , 48, 1543-1567	3.9	30
35	Vesiculation path of ascending magma in the 1983 and the 2000 eruptions of Miyakejima volcano, Japan. <i>Bulletin of Volcanology</i> , 2006 , 68, 549-566	2.4	14
34	Geological aspects of the 2003-2004 eruption of Anatahan Volcano, Northern Mariana Islands. <i>Journal of Volcanology and Geothermal Research</i> , 2005 , 146, 226-240	2.8	13

33	Geodetic constraints for the mechanism of Anatahan eruption of May 2003. <i>Journal of Volcanology and Geothermal Research</i> , 2005 , 146, 77-85	2.8	6
32	Chronology and products of the 2000 eruption of Miyakejima Volcano, Japan. <i>Bulletin of Volcanology</i> , 2005 , 67, 205-218	2.4	61
31	Submarine flank eruption preceding caldera subsidence during the 2000 eruption of Miyakejima Volcano, Japan. <i>Bulletin of Volcanology</i> , 2005 , 67, 243-253	2.4	33
30	Magma plumbing system of the 2000 eruption of Miyakejima Volcano, Japan. <i>Bulletin of Volcanology</i> , 2005 , 67, 254-267	2.4	20
29	Determination of burial age of the "Augustus' villa" (Italy). <i>Geochemical Journal</i> , 2005 , 39, 573-578	0.9	7
28	Experimental Petrology of the 1991-1995 Unzen Dacite, Japan. Part I: Phase Relations, Phase Composition and Pre-eruptive Conditions. <i>Journal of Petrology</i> , 2004 , 46, 319-337	3.9	123
27	Experimental Petrology of the 1991-1995 Unzen Dacite, Japan. Part II: Cl/OH Partitioning between Hornblende and Melt and its Implications for the Origin of Oscillatory Zoning of Hornblende Phenocrysts. <i>Journal of Petrology</i> , 2004 , 46, 339-354	3.9	65
26	Multiple magma reservoirs for the 1707 eruption of Fuji volcano, Japan. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2004 , 80, 103-106	4	8
25	Exogenous and endogenous growth of the Unzen lava dome examined by satellite infrared image analysis. <i>Journal of Volcanology and Geothermal Research</i> , 2002 , 116, 151-160	2.8	44
24	Caldera collapse during the 2000 eruption of Miyakejima Volcano, Japan. <i>Bulletin of Volcanology</i> , 2002 , 64, 55-68	2.4	184
23	Chronology of the Miyakejima 2000 Eruption. <i>Journal of Geography (Chigaku Zasshi)</i> , 2001 , 110, 168-180	0.5	42
22	Volcanic Gas Study of the 2000 Miyakejima Volcanic Activity: Degassing Environment Deduced from Adhered Gas Component on Ash and SO ₂ Emission Rate.. <i>Journal of Geography (Chigaku Zasshi)</i> , 2001 , 110, 271-279	0.5	33
21	Thorium isotopic measurements on silicate rock samples with a multi-collector inductively coupled plasma mass spectrometer. <i>Analyst, The</i> , 2001 , 126, 1707-1710	5	15
20	Discrimination of lava dome activity styles using satellite-derived thermal structures. <i>Journal of Volcanology and Geothermal Research</i> , 2000 , 102, 97-118	2.8	28
19	Overview of the 1990-1995 eruption at Unzen Volcano. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 1-22	2.8	253
18	The 15 September 1991 pyroclastic flows at Unzen Volcano (Japan): a flow model for associated ash-cloud surges. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 159-172	2.8	74
17	Petrology of the 1991-1995 eruption at Unzen: effusion pulsation and groundmass crystallization. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 173-196	2.8	181
16	Groundmass pargasite in the 1991-1995 dacite of Unzen volcano: phase stability experiments and volcanological implications. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 197-212	2.8	76

15	Water contents and hydrogen isotopic ratios of rocks and minerals from the 1991 eruption of Unzen volcano, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 231-242	2.8	31
14	The Sr, Nd and O isotopic studies of the 1991-1995 eruption at Unzen, Japan. <i>Journal of Volcanology and Geothermal Research</i> , 1999 , 89, 243-253	2.8	13
13	Researchers discuss Mt. Unzen, a decade volcano. <i>Eos</i> , 1997 , 78, 505	1.5	6
12	Manner of magma ascent at Unzen Volcano (Japan). <i>Geophysical Research Letters</i> , 1995 , 22, 567-570	4.9	39
11	Endogenous growth of dacite dome at Unzen volcano (Japan), 1993-1994. <i>Geology</i> , 1995 , 23, 157	5	66
10	Tectonics, Magmatism, and Evolution of the New Hebrides Backarc Troughs (Southwest Pacific) 1995 , 177-235		17
9	Origin of Phenocrysts and Compositional Diversity in Pre-Mazama Rhyodacite Lavas, Crater Lake, Oregon. <i>Journal of Petrology</i> , 1994 , 35, 127-162	3.9	48
8	High-Na dacite from the Jean Charcot Trough (Vanuatu), Southwest Pacific. <i>Marine Geology</i> , 1994 , 116, 197-213	3.3	7
7	Relationship between eruption volume and neodymium isotopic composition at Unzen volcano. <i>Nature</i> , 1993 , 362, 831-834	50.4	28
6	Preliminary report on the activity at Unzen Volcano (Japan), November 1990-November 1991: Dacite lava domes and pyroclastic flows. <i>Journal of Volcanology and Geothermal Research</i> , 1993 , 54, 319-333	2.8	89
5	Crumbling of dacite dome lava and generation of pyroclastic flows at Unzen volcano. <i>Nature</i> , 1992 , 360, 664-666	50.4	145
4	Temporal change in chemistry of magma source under Central Kyushu, Southwest Japan: progressive contamination of mantle wedge. <i>Bulletin of Volcanology</i> , 1991 , 53, 182-194	2.4	41
3	Zoned Magma Chamber of the Osuzuyama Acid Rocks, Southwest Japan. <i>Journal of Petrology</i> , 1983 , 24, 471-494	3.9	20
2	????????????????????~?????????????????. <i>Journal of the Geological Society of Japan</i> , 1979 , 85, 571-582	0.6	50
1	Miocene-Holocene volcanism 273-308		4