

Takeyoshi Yoshida

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9283374/publications.pdf>

Version: 2024-02-01

80
papers

2,741
citations

201674

27
h-index

189892

50
g-index

80
all docs

80
docs citations

80
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the source caldera for a Pliocene ash-flow tuff in Northeast Japan based on apatite trace-element compositions and zircon U-Pb ages. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 401, 106948.	2.1	6
2	Geological structures controlled the rupture process of the 2011 M9.0 Tohoku-Oki earthquake in the Northeast Japan Arc. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	5
3	Spatiotemporal variations in the stress field in the northeasternmost part of the NE Japan arc: constraints from microearthquakes. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	3
4	Late Cenozoic Igneous Activity and Crustal Structure in the NE Japan Arc: Background of Inland Earthquake Activity. <i>Journal of Geography (Chigaku Zasshi)</i> , 2020, 129, 529-563.	0.3	9
5	Magma Transfer Processes in the NE Japan Arc: Insights From Crustal Ambient Noise Tomography Combined With Volcanic Eruption Records. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	11
6	Heterogeneities in Stress and Strength in Tohoku and Its Relationship with Earthquake Sequences Triggered by the 2011 M9 Tohoku-Oki Earthquake. <i>Pure and Applied Geophysics</i> , 2019, 176, 1335-1355.	1.9	32
7	Causes of the N-S compressional aftershocks of the E-W compressional 2008 Iwate-Miyagi Nairiku earthquake (M7.2) in the northeastern Japan arc. <i>Earth, Planets and Space</i> , 2019, 71, .	2.5	2
8	Timescale of magma chamber processes revealed by U-Pb ages, trace element contents and morphology of zircons from the Ishizuchi caldera, Southwest Japan Arc. <i>Island Arc</i> , 2017, 26, e12182.	1.1	13
9	Stratigraphic and Petrological Insights into the Late Jurassic- Early Cretaceous Tectonic Framework of the Northwest Pacific Margin. , 2017, , .		0
10	Heterogeneous stress state of island arc crust in northeastern Japan affected by hot mantle fingers. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3099-3117.	3.4	10
11	Temporal variation of frictional strength in an earthquake swarm in NE Japan caused by fluid migration. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5953-5965.	3.4	29
12	Missing western half of the Pacific plate: Geochemical nature of the I-zanagi-Pacific Ridge interaction with a stationary boundary between the Indian and Pacific mantles. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3309-3332.	2.5	34
13	Spatial variation of Sr-Nd-Hf isotopic compositions in from Cretaceous to Paleogene granitoids from Northeastern Japan Arc. <i>Ganseki Kobutsu Kagaku</i> , 2015, 44, 91-111.	0.1	5
14	Major and trace element analyses of igneous rocks by polarizing energy dispersive X-ray fluorescence spectrometry (EDXRF). <i>Ganseki Kobutsu Kagaku</i> , 2014, 43, 47-53.	0.1	6
15	Evolution of late Cenozoic magmatism and the crust-mantle structure in the NE Japan Arc. <i>Geological Society Special Publication</i> , 2014, 385, 335-387.	1.3	58
16	Water content of primitive low-K tholeiitic basalt magma from Iwate Volcano, NE Japan arc: implications for differentiation mechanism of frontal-arc basalt magmas. <i>Mineralogy and Petrology</i> , 2014, 108, 1-11.	1.1	25
17	Primary melt from Sannome-gata volcano, NE Japan arc: constraints on generation conditions of rear-arc magmas. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	20
18	Bioessential element-depleted ocean following the euxinic maximum of the end-Permian mass extinction. <i>Earth and Planetary Science Letters</i> , 2014, 393, 94-104.	4.4	77

#	ARTICLE	IF	CITATIONS
19	Kuroko deposits and related back-arc volcanism in the Hokuroku district. Journal of the Geological Society of Japan, 2013, 119, S168-S179.	0.6	4
20	Chemical and Isotopic Characteristics of the Kuroko-Forming Volcanism. Resource Geology, 2012, 62, 369-383.	0.8	14
21	Delineation of buried caldera rims from gravity data. Theory and Applications of GIS, 2012, 20, 173-183.	0.1	2
22	Seismic imaging of the Amur-Okhotsk plate boundary zone in the Japan Sea. Physics of the Earth and Planetary Interiors, 2011, 188, 82-95.	1.9	31
23	Relationships between Kuroko volcanogenic massive sulfide (VMS) deposits, felsic volcanism, and island arc development in the northeast Honshu arc, Japan. Mineralium Deposita, 2011, 46, 431-448.	4.1	48
24	Internal differentiation of Kutsugata lava flow from Rishiri Volcano, Japan: Processes and timescales of segregation structures' formation. Journal of Volcanology and Geothermal Research, 2010, 195, 57-68.	2.1	7
25	P-wave tomography, anisotropy and seismotectonics in the eastern margin of Japan Sea. Tectonophysics, 2010, 489, 177-188.	2.2	18
26	Characterization of volcanic geomorphology and geology by slope and topographic openness. Geomorphology, 2010, 118, 22-32.	2.6	22
27	The Fukuyama volcanic rocks: Submarine composite volcano in the Late Miocene to Early Pliocene Akita-Yamagata back-arc basin, northeast Honshu, Japan. Sedimentary Geology, 2009, 220, 243-255.	2.1	9
28	Arc Basalt Simulator version 2, a simulation for slab dehydration and fluid-fluxed mantle melting for arc basalts: Modeling scheme and application. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	76
29	Three-dimensional dynamics of hydrous thermal-chemical plumes in oceanic subduction zones. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	112
30	Simultaneous high P-T measurements of ultrasonic compressional and shear wave velocities in Ichino-megata mafic xenoliths: Their bearings on seismic velocity perturbations in lower crust of northeast Japan arc. Journal of Geophysical Research, 2008, 113, .	3.3	46
31	Structural control on late Miocene to Quaternary volcanism in the NE Honshu arc, Japan. Tectonics, 2008, 27, .	2.8	41
32	Spatial and temporal evolution of arc volcanism in the northeast Honshu and Izu-Bonin Arcs: Evidence of small-scale convection under the island arc?. Island Arc, 2007, 16, 214-223.	1.1	28
33	Contributions of Slab Fluid, Mantle Wedge and Crust to the Origin of Quaternary Lavas in the NE Japan Arc. Journal of Petrology, 2006, 47, 2185-2232.	2.8	463
34	Contribution of slab melting and slab dehydration to magmatism in the NE Japan arc for the last 25 Myr: Constraints from geochemistry. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	176
35	Magnetite microexsolutions in silicate and magmatic flow fabric of the Goyozan granitoid (NE Japan): Significance of partial remanence anisotropy. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	20
36	Crustal heterogeneity around the Nagamachi-Rifu fault, northeastern Japan, as inferred from travel-time tomography. Earth, Planets and Space, 2006, 58, 843-853.	2.5	24

#	ARTICLE	IF	CITATIONS
37	Supervised landform classification of Northeast Honshu from DEM-derived thematic maps. <i>Geomorphology</i> , 2006, 78, 373-386.	2.6	110
38	Late Jurassic–Early Cretaceous intra-arc sedimentation and volcanism linked to plate motion change in northern Japan. <i>Geological Magazine</i> , 2006, 143, 753-770.	1.5	18
39	Reinitiation of subduction and magmatic responses in SW Japan during Neogene time. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 969.	3.3	212
40	Laboratory measurement of P-wave velocity in crustal and upper mantle xenoliths from Ichino-megata, NE Japan: ultrabasic hydrous lower crust beneath the NE Honshu arc. <i>Tectonophysics</i> , 2005, 396, 245-259.	2.2	50
41	Application of the model of small-scale convection under the island arc to the NE Honshu subduction zone. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	26
42	Correction to “Application of the model of small-scale convection under the island arc to the NE Honshu subduction zone”. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, .	2.5	40
43	Effects of oblique subduction on the 3-D pattern of small-scale convection within the mantle wedge. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	26
44	Evolution of Late Cenozoic Magmatism in the NE Honshu Arc and Its Relation to the Crust-Mantle Structures. <i>The Quaternary Research</i> , 2005, 44, 195-216.	0.1	34
45	Volcanic Sequences Related to Kuroko Mineralization in the Hokuroku District, Northeast Japan. <i>Resource Geology</i> , 2004, 54, 399-412.	0.8	20
46	Late Cenozoic tectonic development of the back arc region of central northern Honshu, Japan, revealed by recent deep seismic profiling. <i>Journal of the Japanese Association for Petroleum Technology</i> , 2004, 69, 145-154.	0.0	44
47	Chemical Diversity of the Ueno Basalts, Central Japan: Identification of Mantle and Crustal Contributions to Arc Basalts. <i>Journal of Petrology</i> , 2002, 43, 1923-1946.	2.8	47
48	Tectonic evolution and deep to shallow geometry of Nagamachi-Rifu Active Fault System, NE Japan. <i>Earth, Planets and Space</i> , 2002, 54, 1039-1043.	2.5	36
49	Geology, petrology and tectonic setting of the Late Jurassic ophiolite in Hokkaido, Japan. <i>Journal of Asian Earth Sciences</i> , 2002, 21, 197-215.	2.3	36
50	Magma plumbing systems of the Latest Miocene Oki Alkaline Volcanic Group, Oki-Dogo Island, SW Japan, based on geology and petrology.. <i>Ganseki Kobutsu Kagaku</i> , 2002, 31, 137-161.	0.1	4
51	Geology and geochemistry of lavas at Nekoma volcano: Implications for origin of Quaternary low-K andesite in the north-eastern Honshu arc, Japan. <i>Island Arc</i> , 2001, 10, 116-134.	1.1	10
52	Geology and geochemistry of lavas at Nekoma volcano: Implications for origin of Quaternary low-K andesite in the north-eastern Honshu arc, Japan. <i>Island Arc</i> , 2001, 10, 116-134.	1.1	2
53	Transition of magmatic composition reflecting an evolution of rifting activity. A case study of the Akita-Yamagata basin in Early to Middle Miocene, Northeast Honshu, Japan.. <i>Ganseki Kobutsu Kagaku</i> , 2001, 30, 265-287.	0.1	29
54	Stratigraphy and sedimentary environments of the Sorachi and Yezo Groups in the Yubari-Ashibetsu area, Hokkaido, Japan.. <i>Journal of the Geological Society of Japan</i> , 2001, 107, 359-378.	0.6	16

#	ARTICLE	IF	CITATIONS
55	Magma plumbing system beneath Ontake Volcano, central Japan. <i>Island Arc</i> , 1999, 8, 1-29.	1.1	22
56	Mantle diapir-induced arc volcanism: The Ueno Basalts, Nomugi-Toge and Hida volcanic suites, central Japan. <i>Island Arc</i> , 1999, 8, 304-322.	1.1	18
57	Alteration of basalts from the Shimanto belt in southeastern Tokushima Prefecture, Southwest Japan.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1999, 94, 11-36.	0.1	7
58	Fukutoku-oka-no-ba Volcano: A new perspective on the Alkalic Volcano Province in the Izu-Bonin - Mariana arc. <i>Island Arc</i> , 1998, 7, 432-442.	1.1	19
59	Multiple magma sources involved in marginal-sea formation: Pb, Sr, and Nd isotopic evidence from the Japan Sea region. <i>Geology</i> , 1998, 26, 619.	4.4	38
60	1996 Onikobe Earthquakes and their Relation to Crustal Structure. <i>Zisin (Journal of the Seismological Society of Japan)</i> , 1997, 10, 1-8.	0.2	8
61	Multiple tectonic events in the Miocene Japan arc: The Heike microplate hypothesis.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1998, 93, 389-408.	0.1	39
62	Subduction-zone type greenstones from the northern Shimanto belt in southeastern Tokushima Prefecture, Southwest Japan.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1998, 93, 83-102.	0.1	9
63	Arc-type and intraplate-type ridge basalts formed at the trench-trench-ridge triple junction: Implication for the extensive sub-ridge mantle heterogeneity. <i>Island Arc</i> , 1997, 6, 197-212.	1.1	18
64	Major and trace element concentrations of Korean Geostandard rock samples.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1996, 91, 102-108.	0.1	4
65	Petrology of the Oligocene volcanic rocks from the Okushiri Island, southwest Hokkaido, Japan. Oligocene frontal volcanism of the Eurasian continental margin.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1993, 88, 83-99.	0.1	13
66	Trace elements and Nd-Sr isotopes of island arc tholeiites from frontal arc of Northeast Japan.. <i>Geochemical Journal</i> , 1992, 26, 261-277.	1.0	47
67	Determination of trace and ultra-trace elements in 32 international geostandards by ICP-MS.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1992, 87, 107-122.	0.1	13
68	Genesis of the extremely low-K tonalites from the island arc volcanism. <i>Bulletin of Volcanology</i> , 1989, 51, 346-354.	3.0	16
69	Across-arc compositional variation of the Quaternary basaltic rocks from the northeast Japan arc.. <i>Journal of Mineralogy, Petrology and Economic Geology</i> , 1988, 83, 9-25.	0.1	37
70	Aoso-Osore volcanic zone - The volcanic front of the Northeast Honshu arc, Japan.. <i>Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists</i> , 1986, 81, 471-478.	0.2	20
71	Photon-activation analysis of standard rocks using an automatic .GAMMA.-ray counting system with a micro-robot.. <i>Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists</i> , 1986, 81, 406-422.	0.2	14
72	Petrology and geochemistry of the Nyamuragira volcano, Zaire. <i>Journal of Volcanology and Geothermal Research</i> , 1985, 25, 1-28.	2.1	52

#	ARTICLE	IF	CITATIONS
73	Tertiary Ishizuchi Cauldron, southwestern Japan Arc: Formation by ring fracture subsidence. Journal of Geophysical Research, 1984, 89, 8502-8510.	3.3	55
74	Ti-rich hydroandradites from the Sanbagawa metamorphic rocks of the Shibukawa area, central Japan. Contributions To Mineralogy and Petrology, 1982, 80, 183-188.	3.1	16
75	Electron probe study of Ti-rich hydroandradites in the Sanbagawa metamorphic rocks.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1981, 76, 239-247.	0.2	10
76	INTERNAL STRUCTURE OF KUTSUGATA LAVA FLOW, RISHIRI VOLCANO. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1981, 76, 181-194.	0.2	6
77	Notes on petrography and rock-forming mineralogy (10). Awaruite and other accessory minerals coexisting with Ti-rich hydroandradite in metamorphosed ultramafics of the Sanbagawa belt.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1981, 76, 372-375.	0.2	5
78	Notes on petrography and rock-forming mineralogy. 4. Rapidly crystallized clinopyroxenes from two Paleozoic greenstones.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1978, 73, 388-392.	0.2	0
79	Unusual pyralpite-ugrandite garnets from the Sanbagawa metamorphic rocks in central Shikoku.. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1977, 72, 383-393.	0.2	3
80	Ishizuchi collapse caldera and Tengudake pyroclastic flow, Shikoku Island. Journal of the Japanese Association of Mineralogists, Petrologists and Economic Geologists, 1970, 64, 1-12.	0.2	6