Yoshihiko Tamura

List of Publications by Year
in descending order

74	2,831	186265 28	182427 51
papers	citations	h-index	g-index

75	75	75	2088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variety of the drift pumice clasts from the 2021 <scp>Fukutokuâ€Okaâ€noâ€Ba</scp> eruption, Japan. Island Arc, 2022, 31, .	1.1	28
2	Molybdenum isotopes unmask slab dehydration and melting beneath the Mariana arc. Nature Communications, 2021, 12, 6015.	12.8	23
3	Intermittent Growth of a Newly-Born Volcanic Island and Its Feeding System Revealed by Geological and Geochemical Monitoring 2013â€“2020, Nishinoshima, Ogasawara, Japan. Frontiers in Earth Science, 2021, 9, .	1.8	4
4	An origin of the along-arc compositional variation in the Izu-Bonin arc system. Geoscience Frontiers, 2020, 11, 1621-1634.	8.4	8
5	The earliest stage of Izu rearâ€arc volcanism revealed by drilling at Site U1437, International Ocean Discovery Program Expedition 350. Island Arc, 2020, 29, e12340.	1.1	8
6	The First 10 Million Years of Rearâ€Arc Magmas Following Backarc Basin Formation Behind the Izu Arc. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009114.	2.5	2
7	The Zealandia Volcanic Complex: Further evidence of a lower crustal â€œhot zoneâ€•beneath the Mariana Intraâ€•oceanic Arc, Western Pacific. Island Arc, 2019, 28, e12308.	1.1	2
8	Nishinoshima volcano in the Ogasawara Arc: New continent from the ocean?. Island Arc, 2019, 28, e12285.	1.1	20
9	Seismic imaging for an ocean drilling site survey and its verification in the Izu rear arc. Exploration Geophysics, 2018, 49, 1-10.	1.1	6
10	40Ar/39Ar ages and zircon petrochronology for the rear arc of the Izu-Bonin-Marianas intra-oceanic subduction zone. International Geology Review, 2018, 60, 956-976.	2.1	18
11	Breakdown of residual zircon in the Izu arc subducting slab during backarc rifting. Geology, 2018, 46, 371-374.	4.4	12
12	The missing half of the subduction factory: shipboard results from the Izu rear arc, IODP Expedition 350. International Geology Review, 2017, 59, 1677-1708.	2.1	23
13	Thorium isotope evidence for melting of the mafic oceanic crust beneath the Izu arc. Geochimica Et Cosmochimica Acta, 2016, 186, 49-70.	3.9	24
14	Inaugural Address 25:1. Island Arc, 2016, 25, 3-3.	1.1	0
15	Development of remotely operated unmanned boat with long-range Wi-Fi. Artificial Life and Robotics, 2016, 21, 365-370.	1.2	5
16	Advent of Continents: A New Hypothesis. Scientific Reports, 2016, 6, 33517.	3.3	33
17	Submarine record of volcanic island construction and collapse in the <scp>L</scp>esser <scp>A</scp>ntilles arc: First scientific drilling of submarine volcanic island landslides by <scp>IODP</scp><scp>E</scp>xpedition 340. Geochemistry, Geophysics, Geosystems, 2015, 16, 420-442.	2.5	57
18	Permeability and pressure measurements in Lesser Antilles submarine slides: Evidence for pressureâ€driven slowâ€slip failure. Journal of Geophysical Research: Solid Earth, 2015, 120, 7986-8011.	3.4	16

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19	Interaction of arc magmas with subvolcanic hydrothermal systems: insights from compositions and metasomatic textures of olivine crystals in fresh basalts of Daisen and Mengameyama, Western Honshu, Japan. Geological Society Special Publication, 2015, 410, 219-236.	1.3	6
20	Rapid onset of mafic magmatism facilitated by volcanic edifice collapse. Geophysical Research Letters, 2015, 42, 4778-4785.	4.0	24
21	Eruption of South Sarigan Seamount, Northern Mariana Islands: Insights into Hazards from Submarine Volcanic Eruptions. Oceanography, 2014, 27, 24-31.	1.0	15
22	Crystal uptake into aphyric arc melts: insights from two-pyroxene pseudo-decompression paths, plagioclase hygrometry, and measurement of hydrogen in olivines from mafic volcanics of SW Japan. Geological Society Special Publication, 2014, 385, 161-184.	1.3	31
23	Mission Immiscible: Distinct Subduction Components Generate Two Primary Magmas at Pagan Volcano, Mariana Arc. Journal of Petrology, 2014, 55, 63-101.	2.8	69
24	Layered Hydrothermal Barite-Sulfide Mound Field, East Diamante Caldera, Mariana Volcanic Arc. Economic Geology, 2014, 109, 2179-2206.	3.8	14
25	Late Pleistocene stratigraphy of IODP Site U1396 and compiled chronology offshore of south and south west Montserrat, Lesser Antilles. Geochemistry, Geophysics, Geosystems, 2014, 15, 3000-3020.	2.5	23
26	How the <scp>M</scp>ariana <scp>V</scp>olcanic <scp>A</scp>rc ends in the south. Island Arc, 2013, 22, 133-148.	1.1	40
27	Lower crustal H2O controls on the formation of adakitic melts. Geology, 2012, 40, 487-490.	4.4	62
28	Melt inclusions reveal geochemical crossâ€arc variations and diversity within magma chambers feeding the Higashiâ€Izu Monogenetic Volcano Field, Izu Peninsula, Japan. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	14
29	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	80
30	Random inhomogeneities in the northern Izu-Bonin arc estimated by tomographic inversion of peak delay times ofSwave seismograms. Journal of Geophysical Research, 2011, 116, .	3.3	6
31	Formation of Continental Crust at the Izu–Honshu Collision Zone. Journal of Geography (Chigaku Zasshi), 2011, 120, 567-584.	0.3	4
32	Two Primary Basalt Magma Types from Northwest Rota-1 Volcano, Mariana Arc and its Mantle Diapir or Mantle Wedge Plume. Journal of Petrology, 2011, 52, 1143-1183.	2.8	53
33	Effects of water depth on pumice formation in submarine domes at Sumisu, Izu-Bonin arc, western Pacific. Geology, 2010, 38, 391-394.	4.4	38
34	Missing Oligocene Crust of the Izu-Bonin Arc: Consumed or Rejuvenated During Collision?. Journal of Petrology, 2010, 51, 823-846.	2.8	56
35	Acrossâ€arc geochemical trends in the Izuâ€Bonin arc: Contributions from the subducting slab, revisited. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	113
36	Alongâ€arc variation in seismic velocity structure related to variable growth of arc crust in northern Izuâ€Bonin intraoceanic arc. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	13

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37	Migrating shoshonitic magmatism tracks Izuâ€“Boninâ€“Mariana intra-oceanic arc rift propagation. Earth and Planetary Science Letters, 2010, 294, 111-122.	4.4	86
38	Silicic Magmas in the Izuâ€“Bonin Oceanic Arc and Implications for Crustal Evolution. Journal of Petrology, 2009, 50, 685-723.	2.8	112
39	Gravity and magnetic constraints on the crustal structure and evolution of the Horeki seamount in the Izu-Ogasawara (Bonin) arc. Earth, Planets and Space, 2009, 61, 333-343.	2.5	5
40	Seismic structure of the upper mantle beneath the Philippine Sea from seafloor and land observation: Implications for mantle convection and magma genesis in the Izuâ€“Boninâ€“Mariana subduction zone. Earth and Planetary Science Letters, 2009, 278, 107-119.	4.4	38
41	Evolution of West Rota Volcano, an extinct submarine volcano in the southern Mariana Arc: Evidence from sea floor morphology, remotely operated vehicle observations and ⁴⁰Arâ€“³⁹Ar geochronological studies. Island Arc, 2008, 17, 70-89.	1.1	18
42	Sumisu volcano, Izu-Bonin arc, Japan: site of a silicic caldera-forming eruption from a small open-ocean island. Bulletin of Volcanology, 2008, 70, 547-562.	3.0	41
43	Wet and Dry Basalt Magma Evolution at Torishima Volcano, Izuâ€“Bonin Arc, Japan: the Possible Role of Phengite in the Downgoing Slab. Journal of Petrology, 2007, 48, 1999-2031.	2.8	62
44	New seismological constraints on growth of continental crust in the Izu-Bonin intra-oceanic arc. Geology, 2007, 35, 1031.	4.4	115
45	Seismological evidence for variable growth of crust along the Izu intraoceanic arc. Journal of Geophysical Research, 2007, 112, .	3.3	141
46	Magnetic and Bathymetric Survey of the Suiyo Cross-Chain, Izu-Bonin Arc. JAMSTEC Report of Research and Development, 2007, 6, 31-38.	0.2	1
47	Long-term eruptive activity at a submarine arc volcano. Nature, 2006, 441, 494-497.	27.8	141
48	Silicic volcanism and crustal evolution in oceanic arcs: Introduction. Journal of Volcanology and Geothermal Research, 2006, 156, v-vii.	2.1	6
49	Origin of silicic magmas and the compositional gap at Sumisu submarine caldera, Izuâ€“Bonin arc, Japan. Journal of Volcanology and Geothermal Research, 2006, 156, 187-216.	2.1	86
50	Gravity and Magnetic Constraints on the Crustal Structure and Evolution of the Horeki Seamount in the Izu-Bonin Arc. JAMSTEC Report of Research and Development, 2006, 4, 55-65.	0.2	1
51	Mapping a fracture network using wide-azimuth OBC seismic data. The Leading Edge, 2005, 24, 95-99.	0.7	5
52	Improved fracture network mapping through reducing overburden influence. The Leading Edge, 2005, 24, 1094-1098.	0.7	15
53	Are Arc Basalts Dry, Wet, or Both? Evidence from the Sumisu Caldera Volcano, Izuâ€“Bonin Arc, Japan. Journal of Petrology, 2005, 46, 1769-1803.	2.8	70
54	Some geochemical constraints on hot fingers in the mantle wedge: evidence from NE Japan. Geological Society Special Publication, 2003, 219, 221-237.	1.3	12

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55	Andesites and Dacites from Daisen Volcano, Japan: Partial-to-Total Remelting of an Andesite Magma Body. Journal of Petrology, 2003, 44, 2243-2260.	2.8	45
56	Genetic Relationship between Quaternary NE Japan Arc Magmas and Miocene Japan Sea Back-arc Basin Basalts. Journal of Geography (Chigaku Zasshi), 2003, 112, 781-793.	0.3	1
57	Pictorial 2 : Quaternary Volcanoes in Northeast Japan and Schematic Diagram Showing Hot Fingers in the Mantle Wedge. Journal of Geography (Chigaku Zasshi), 2003, 112, Plate4-Plate4.	0.3	0
58	The Petrology and Geochemistry of Calc-Alkaline Andesites on Shodo-Shima Island, SW Japan. Journal of Petrology, 2002, 43, 3-16.	2.8	36
59	Remelting of an Andesitic Crust as a Possible Origin for Rhyolitic Magma in Oceanic Arcs: an Example from the Izu-Bonin Arc. Journal of Petrology, 2002, 43, 1029-1047.	2.8	217
60	Hot fingers in the mantle wedge: new insights into magma genesis in subduction zones. Earth and Planetary Science Letters, 2002, 197, 105-116.	4.4	282
61	Distribution of Quaternary volcanoes in the Northeast Japan arc. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 135-139.	3.8	7
62	Primary Arc Basalts from Daisen Volcano, Japan: Equilibrium Crystal Fractionation versus Disequilibrium Fractionation during Supercooling. Journal of Petrology, 2000, 41, 431-448.	2.8	67
63	The Arc Lavas of the Shirahama Group, Japan: Sr and Nd Isotopic Data Indicate Mantle-Derived Bimodal Magmatism. Journal of Petrology, 1996, 37, 1307-1319.	2.8	29
64	Liquid Lines of Descent of Island Arc Magmas and Genesis of Rhyolites: Evidence from the Shirahama Group, Japan. Journal of Petrology, 1995, 36, 417-434.	2.8	13
65	Genesis of Island Arc Magmas by Mantle-Derived Bimodal Magmatism: Evidence from the Shirahama Group, Japan. Journal of Petrology, 1994, 35, 619-645.	2.8	107
66	Evidence that FK506 Alleviates Ischemia/Reperfusion Injury to the Rat Liver: In vivo Demonstration for Suppression of TNF-α Production in Response to Endotoxemia. European Surgical Research, 1994, 26, 108-115.	1.3	42
67	Paleomagnetic evidence for hot pyroclastic debris flow in the shallow submarine Shirahama Group (Upper Mioceneâ€Pliocene), Japan. Journal of Geophysical Research, 1991, 96, 21779-21787.	3.3	28
68	Tectonic setting of volcanic centers in subduction zones: three-dimensional structure of mantle wedge and arc crust. , 0, , 176-194.		2
69	Izuâ€“Bonin Arc. , 0, , 175-199.		6
70	Expedition 350 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	13
71	Expedition 350 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	10
72	Site U1436. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3

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73	Site U1437. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	14
74	Synthesis: stratigraphy and age control for IODP Sites U1394, U1395, and U1396 offshore Montserrat in the Lesser Antilles. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	4