

Yuji Orihashi

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89 papers	2,874 citations	25 h-index	52 g-index
95 ext. papers	3,213 ext. citations	1.9 avg, IF	4.74 L-index

#	Paper	IF	Citations
89	JNdi-1: a neodymium isotopic reference in consistency with LaJolla neodymium. <i>Chemical Geology</i> , 2000 , 168, 279-281	4.2	1141
88	An inter-laboratory evaluation of OD-3 zircon for use as a secondary U-Pb dating standard. <i>Island Arc</i> , 2013 , 22, 382-394	2	152
87	New U-Pb zircon ages from Paleo-Mesoarchean TTG gneisses of the Singhbhum Craton, Eastern India. <i>Geochemical Journal</i> , 2010 , 44, 81-88	0.9	92
86	U-Pb Age Determination for Seven Standard Zircons using Inductively Coupled Plasma-Mass Spectrometry Coupled with Frequency Quintupled Nd-YAG (213 nm) Laser Ablation System: Comparison with LA-ICP-MS Zircon Analyses with a NIST Glass Reference Material. <i>Resource Geology</i> , 2008 , 58, 101-123	1	89
85	Evaluation of fission-track and U-Pb double dating method for identical zircon grains. <i>Journal of the Geological Society of Japan</i> , 2012 , 118, 365-375	0.6	72
84	Reduction of mercury background on ICP-mass spectrometry for in situ U-Pb age determinations of zircon samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2005 , 20, 696	3.7	71
83	Retroarc volcanism in the northern San Rafael Block (34°B5°30'S), southern Central Andes: Occurrence, age, and tectonic setting. <i>Journal of Volcanology and Geothermal Research</i> , 2009 , 186, 169-185	2.8	68
82	Neoproterozoic stratigraphy of the Dhanjori basin, Singhbhum Craton, Eastern India: And recording of a few U-Pb zircon dates from its basal part. <i>Journal of Asian Earth Sciences</i> , 2010 , 39, 527-536	2.8	62
81	Detrital zircon geochronology of the Cretaceous Sindong Group, Southeast Korea: Implications for depositional age and Early Cretaceous igneous activity. <i>Island Arc</i> , 2010 , 19, 647-658	2	56
80	Discovery of new hydrothermal activity and chemosynthetic fauna on the Central Indian Ridge at 18°-20° S. <i>PLoS ONE</i> , 2012 , 7, e32965	3.7	56
79	Rapid quantitative analysis of Y and REE abundances in XRF glass bead for selected GSJ reference rock standards using Nd-YAG 266nm UV laser ablation ICP-MS. <i>Geochemical Journal</i> , 2003 , 37, 401-412	0.9	48
78	Underplating of mantle evidenced by the depositional ages: U-Pb dating of zircons from the Shimanto accretionary complex, southwest Japan. <i>Island Arc</i> , 2008 , 17, 376-393	2	41
77	Sr and Nd isotopic data for the seven GSJ rock reference samples; JA-1, JB-1a, JB-2, JB-3, JG-1a, JGb-1 and JR-1. <i>Geochemical Journal</i> , 1998 , 32, 205-211	0.9	41
76	Geochemistry of eclogites from the Dabie-Bulu terrane, eastern China: New insights into protoliths and trace element behaviour during UHP metamorphism. <i>Lithos</i> , 2007 , 95, 441-457	2.9	40
75	Are the Taitao granites formed due to subduction of the Chile ridge?. <i>Lithos</i> , 2009 , 113, 246-258	2.9	39
74	U-Pb age determination for zircons using laser ablation-ICP-mass spectrometry equipped with six multiple-ion counting detectors. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 88-95	3.7	38
73	Tectonic reconstruction of batholith formation based on the spatiotemporal distribution of Cretaceous-Paleogene granitic rocks in southwestern Japan. <i>Island Arc</i> , 2015 , 24, 205-220	2	36

72	Detrital zircon geochronology and Nd isotope geochemistry of the basal succession of the Taebaeksan Basin, South Korea: Implications for the Gondwana linkage of the Sino-Korean (North China) block during the Neoproterozoic/Early Cambrian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 441, 770-786	2.9	30
71	Geology of the summit limestone of Mount Qomolangma (Everest) and cooling history of the Yellow Band under the Qomolangma detachment. <i>Island Arc</i> , 2005 , 14, 297-310	2	30
70	Quaternary volcanic activity of Hudson and Lautaro volcanoes, Chilean Patagonia: New constraints from K-Ar ages. <i>Andean Geology</i> , 2004 , 31,		29
69	Zircon sensitive high mass-resolution ion microprobe U-Pb and fission-track ages for gabbros and sheeted dykes of the Taitao ophiolite, Southern Chile, and their tectonic implications. <i>Island Arc</i> , 2006 , 15, 130-142	2	28
68	Age and petrogenesis of Na-rich felsic rocks in western Iran: Evidence for closure of the southern branch of the Neo-Tethys in the Late Cretaceous. <i>Tectonophysics</i> , 2016 , 671, 151-172	3.1	27
67	Petrology of a mantle-derived rhyolite, Hokkaido, Japan. <i>Chemical Geology</i> , 1999 , 160, 425-445	4.2	27
66	Detrital zircon U-Pb ages of the Jangsan Formation in the northeastern Okcheon belt, Korea and its implications for material source, provenance, and tectonic setting. <i>Sedimentary Geology</i> , 2012 , 282, 256-267	2.8	26
65	Eruption age of the Kusandong Tuff in the Cretaceous Gyeongsang Basin, Korea. <i>Geosciences Journal</i> , 2009 , 13, 265-273	1.4	25
64	Sinking hot anomaly trapped at the 410 km discontinuity near the Honshu subduction zone, Japan. <i>Earth and Planetary Science Letters</i> , 2007 , 261, 565-577	5.3	23
63	Paleozoic U-Pb age of rutile inclusions in diamonds of the VII variety from placers of the northeast Siberian platform. <i>Doklady Earth Sciences</i> , 2009 , 428, 1151-1155	0.6	20
62	Origin of zircon in jadeitite from the Nishisonogi metamorphic rocks, Kyushu, Japan. <i>Journal of Metamorphic Geology</i> , 2011 , 29, 673-684	4.4	19
61	Detrital zircon evidence for the antiquity of Taiwan. <i>Geosciences Journal</i> , 2009 , 13, 233-243	1.4	19
60	U-Pb zircon ages of syenitic and granitic rocks in the Ashizuri igneous complex, southwestern Shikoku: Constraint for the origin of forearc alkaline magmatism. <i>Geochemical Journal</i> , 2010 , 44, 275-283	0.9	17
59	Element partitioning between transition-zone minerals and ultramafic melt under hydrous conditions. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	17
58	Bulk rock chemistry of the Muro pyroclastic flow deposit: A clue to its source region.. <i>Ganseki Kobutsu Kagaku</i> , 2002 , 31, 307-317	0.1	16
57	Rapid and simultaneous determination of multi-element abundances and U-Pb age for zircon crystal using UV laser ablation ICP-MS technique: critical evaluation of the technique with 91500 zircon standard. <i>Journal of Mineralogical and Petrological Sciences</i> , 2003 , 98, 109-117	0.9	16
56	Shallow-depth melt exsolution due to ridge subduction: LA-ICPMS U-Pb igneous and detrital zircon ages from the Chile Triple Junction and the Taitao Peninsula, Chilean Patagonia. <i>Geochemical Journal</i> , 2013 , 47, 149-165	0.9	15
55	Regional variation of whole rock chemistry of the Miocene felsic igneous rocks in the Kii Peninsula, southwest Japan. <i>Journal of the Geological Society of Japan</i> , 2007 , 113, 310-325	0.6	15

54	Crustal growth history of the Korean Peninsula: Constraints from detrital zircon ages in modern river sediments. <i>Geoscience Frontiers</i> , 2016 , 7, 707-714	6	15
53	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central Atlantic Ocean). <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3138-3164	3.6	13
52	Discovery of Shimanto High-P/T Metamorphic Rocks from the Western Margin of Kyushu, Japan. <i>Journal of Geography (Chigaku Zasshi)</i> , 2011 , 120, 30-39	0.5	13
51	Cretaceous granitoids and their zircon U-Pb ages across the south-central part of the Abukuma Highland, Japan. <i>Island Arc</i> , 2015 , 24, 159-168	2	12
50	Emplacement history and inflation evidence of a long basaltic lava flow located in Southern Payenia Volcanic Province, Argentina. <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 293, 46-56	2.8	12
49	Mesozoic detrital zircon U-Pb ages of modern river sediments in Korea: implications for migration of arc magmatism in the Mesozoic East Asian continental margin. <i>Terra Nova</i> , 2012 , 24, 156-165	3	12
48	U-Pb ages of Miocene near-trench granitic rocks of the Southwest Japan arc: implications for magmatism related to hot subduction. <i>Geological Magazine</i> , 2021 , 158, 47-71	2	12
47	Dispersion of the Afar plume: Implications from the Spatiotemporal Distribution of the Late Miocene to Recent Volcanics, Southwestern Arabian Peninsula. <i>Gondwana Research</i> , 1998 , 1, 221-234	5.1	11
46	U-Pb zircon age from the radiolarian-bearing Hitoegane Formation in the Hida Gaien Belt, Japan. <i>Island Arc</i> , 2013 , 22, 494-507	2	10
45	Eruptive history of Incahuasi, Falso Azufre and El Cñdor Quaternary composite volcanoes, southern Central Andes. <i>Bulletin of Volcanology</i> , 2018 , 80, 1	2.4	10
44	Volcano-sea interaction in the Cerro Santa Marta area, northwest James Ross Island, Antarctic Peninsula. <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 297, 89-108	2.8	9
43	Geomorphology, morphometry, spatial distribution and ages of mafic monogenetic volcanoes of the Peinado and Incahuasi fields, southernmost Central Volcanic Zone of the Andes. <i>Journal of Volcanology and Geothermal Research</i> , 2020 , 401, 106966	2.8	9
42	The provenance of the southeastern Yellow Sea sediments constrained by detrital zircon U-Pb age. <i>Marine Geology</i> , 2013 , 337, 182-194	3.3	9
41	Slab-derived components in the subcontinental lithospheric mantle beneath Chilean Patagonia: Geochemistry and Sr-Nd-B isotopes of mantle xenoliths and host basalt. <i>Lithos</i> , 2017 , 292-293, 179-197	2.9	9
40	Primordial helium isotope signature from Plio-Quaternary alkaline basalts in Yemen. <i>Island Arc</i> , 2001 , 10, 145-157	2	9
39	U-Pb ages and trace element compositions of reddish, colorless, and detrital zircons in the Kumano Acidic Rocks in the Outer Zone of southwest Japan and origin of the host magma.. <i>Journal of the Geological Society of Japan</i> , 2007 , 113, 366-383	0.6	9
38	Zircon U-Pb age of the Triassic granitoids at Nui Phao, northern Viet Nam.. <i>Bulletin of the Geological Survey of Japan</i> , 2014 , 65, 17-22	1	9
37	Material recycling in a sediment-starved trench recorded in the Early Cretaceous Shiriya accretionary complex, Northeast Japan. <i>Island Arc</i> , 2018 , 27, e12272	2	9

36	Regional mantle heterogeneity regulates melt production along the Réunion hotspot-influenced Central Indian Ridge. <i>Geochemical Journal</i> , 2014 , 48, 433-449	0.9	8
35	Zircon U-Pb Ages of Ohno Volcanic Rocks in eastern Kyushu. <i>Journal of the Geological Society of Japan</i> , 2017 , 123, 423-431	0.6	8
34	Evolution history of the crust underlying Cerro Pampa, Argentine Patagonia: Constraint from LA-ICPMS U-Pb ages for exotic zircons in the Mid-Miocene adakite. <i>Geochemical Journal</i> , 2013 , 47, 235-247	0.9	8
33	Boron and other trace element constraints on the slab-derived component in Quaternary volcanic rocks from the Southern Volcanic Zone of the Andes. <i>Geochemical Journal</i> , 2013 , 47, 185-199	0.9	8
32	Two types of adakites revealed by ^{238}U - ^{230}Th disequilibrium from Daisen Volcano, southwestern Japan. <i>Geochemical Journal</i> , 2010 , 44, 379-386	0.9	8
31	2007,		8
30	Permian Peri-glacial Deposits from Central Mongolia in Central Asian Orogenic Belt: A Possible Indicator of the Capitanian Cooling Event. <i>Resource Geology</i> , 2012 , 62, 408-422	1	7
29	Age of Mirny field kimberlites (Siberia) and application of rutile and titanite for U-Pb dating of kimberlite emplacement by LA-ICP-MS. <i>Geochemical Journal</i> , 2016 , 50, 431-438	0.9	7
28	Geologic reconnaissance of Lautaro Volcano, Chilean Patagonia. <i>Andean Geology</i> , 2006 , 33,		7
27	Argon isotope ratio of the plume-source deduced from high-resolution stepwise crushing extraction. <i>Geochemical Journal</i> , 2008 , 42, 39-49	0.9	6
26	Fission track ages of welded tuffs of the Gongenzaki Formation in the Tsugaru district, Aomori Prefecture, northeast Japan. <i>Journal of the Geological Society of Japan</i> , 2005 , 111, 476-487	0.6	6
25	U-Pb age of rutile from the eclogite xenolith of the Udachnaya kimberlite pipe. <i>Doklady Earth Sciences</i> , 2014 , 457, 861-864	0.6	5
24	Petrogenetic evolution of basaltic lavas from Balhaf-Bir Ali Plio-Quaternary volcanic field, Arabian Sea, Republic of Yemen. <i>Arabian Journal of Geosciences</i> , 2014 , 7, 69-86	1.8	5
23	Petrogenesis of E-type Mid-Ocean Ridge Basalts near Longitude 46.DEG.E, the Gulf of Aden. <i>Journal of Geography (Chigaku Zasshi)</i> , 2003 , 112, 732-749	0.5	5
22	SrNdPbHf isotopic constraints on the diversity of magma sources beneath the Aden Ridge (central Gulf of Aden) and plume-ridge interaction. <i>Journal of Mineralogical and Petrological Sciences</i> , 2015 , 110, 97-110	0.9	5
21	Single-pulse laser ablation-inductively coupled plasma-mass spectrometry U-Pb dating of thin zircon rims: An application to metamorphic rocks from Mount Everest, eastern Nepal. <i>Chemical Geology</i> , 2021 , 559, 119903	4.2	5
20	Evidence of primitive melt heterogeneities preserved in plagioclase-hosted melt inclusions of South Atlantic MORB. <i>Geochemical Journal</i> , 2006 , 40, 277-290	0.9	4
19	Zircon U-Pb Ages of Tochibora welded tuff Member at the lowermost part of the Hachiya Formation, in Kani Basin, Gifu Prefecture. <i>Journal of the Geological Society of Japan</i> , 2018 , 124, 533-538	0.6	4

18	Constraining the depositional age of an Upper Cretaceous non-marine and shallow marine siliciclastic succession, Kuji Group, northeastern Japan, based on carbon isotope stratigraphy and U-Pb radiometric dating. <i>Cretaceous Research</i> , 2018 , 92, 264-278	1.8	3
17	Improved method for highly precise and accurate 182W/184W isotope measurements by multiple collector inductively coupled plasma mass spectrometry and application for terrestrial samples. <i>Geochemical Journal</i> , 2020 , 54, 117-127	0.9	3
16	Geochemical and Sr-Nd-Pb isotopic compositions of lithospheric mantle: Spinel lherzolites in alkaline basalts from the northwestern Ethiopian plateau. <i>Journal of Mineralogical and Petrological Sciences</i> , 2014 , 109, 241-257	0.9	3
15	Variaciones composicionales reveladas mediante analisis de imagenes ASTER del volcan Viedma, Zona Volcanica Andina Austral.. <i>Andean Geology</i> , 2010 , 37,	2.4	3
14	Preliminary tephrochronological study of the Yezo Group (uppermost Albian-Basal Campanian) in north Japan. <i>Cretaceous Research</i> , 2019 , 103, 104158	1.8	2
13	Finding of 115 Ma adakitic tonalite east of the Futaba Fault, Abukuma Highland, and its regional geological implications. <i>Journal of the Geological Society of Japan</i> , 2015 , 121, 167-171	0.6	2
12	Zircon multichronology: Fission-track, U-Pb, and combined fission-track-U-Pb studies. <i>Island Arc</i> , 2013 , 22, 261-263	2	2
11	The tectonic setting of the eastern margin of the Sino-Korean Block inferred from detrital zircon U-Pb age and Nd isotope composition of the Pyeongan Supergroup (upper Palaeozoic-Lower Triassic), Korea. <i>Geological Magazine</i> , 2019 , 156, 471-484	2	2
10	Ages of zircons from Jurassic sediments of Bluefish River slope, NWT Canada, and the possible age of kimberlite activity on the Lena West property. <i>Doklady Earth Sciences</i> , 2008 , 421, 751-754	0.6	1
9	Zircon U-Pb age of the acidic tuff from the Miocene Kuma Group, western Shikoku. <i>Journal of the Geological Society of Japan</i> , 2021 , 127, 595-603	0.6	1
8	On the origin of rhyolitic rocks of the Setouchi Volcanic Rocks- Reply to the comments on the paper Regional variation of whole rock chemistry of the Miocene felsic igneous rocks in the Kii Peninsula, southwest Japan. <i>Journal of the Geological Society of Japan</i> , 2008 , 114, 384-386	0.6	1
7	Zircon U-Pb ages of Miocene granitic rocks in the Koshikijima Islands: Implications for Neogene tectonics in the Kyushu region, southwest Japan. <i>Island Arc</i> , 2021 , 30, e12383	2	1
6	Zircon LA-ICP-MS U-Pb age of the main eruptives (Nijikai Tuff) constituting the Ikarigaseki Caldera, southern Aomori Prefecture. <i>Journal of the Geological Society of Japan</i> , 2021 , 127, 431-436	0.6	0
5	A cold seep triggered by a hot ridge subduction. <i>Scientific Reports</i> , 2021 , 11, 20923	4.9	0
4	Central vs. lateral growth and evolution of the ~100 ka Peinado composite volcano, southern Central Volcanic Zone of the Andes. <i>Journal of Volcanology and Geothermal Research</i> , 2022 , 425, 107532	2.8	0
3	Preface: Geoscience dynamics in the Patagonia Archipelago—Southern Pacific Ocean. <i>Geochemical Journal</i> , 2013 , 47, 93-95	0.9	
2	Primordial helium isotope signature from Pliocene-Quaternary alkaline basalts in Yemen. <i>Island Arc</i> , 2008 , 10, 145-157	2	
1	Determination of highly precise and accurate eruptive age of Obirakiyama Tuff, ejecta from Yunosawa Caldera, southern Aomori Prefecture:. <i>Journal of the Geological Society of Japan</i> , 2021 , 127, 545-561	0.6	

