

# Akira Ishikawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6672529/publications.pdf>

Version: 2024-02-01

57  
papers

1,464  
citations

279798

23  
h-index

330143

37  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and Isotopic Evaluation of a Microsampling Method using Laser Ablation and Membrane Filter. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 205-222.	3.1	2
2	New geochronological constraints on the middle Archean Shurugwi greenstone belt toward an understanding of the crustal evolution of the Zimbabwe Craton. <i>Journal of African Earth Sciences</i> , 2021, 173, 104021.	2.0	6
3	Occurrence and chemical composition of the Eoarchean carbonate rocks of the Nulliak supracrustal rocks in the Saglek Block of northeastern Labrador, Canada. <i>Island Arc</i> , 2021, 30, e12381.	1.1	3
4	Halogen heterogeneity in the subcontinental lithospheric mantle revealed by I/Br ratios in kimberlites and their mantle xenoliths from South Africa, Greenland, China, Siberia, Canada, and Brazil. <i>American Mineralogist</i> , 2021, , .	1.9	3
5	Globally distributed iridium layer preserved within the Chicxulub impact structure. <i>Science Advances</i> , 2021, 7, .	10.3	47
6	Seismic evidence for a thermochemical mantle plume underplating the lithosphere of the Ontong Java Plateau. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	19
7	Testing the Ontong Java Nui Hypothesis: The Largest Supervolcano Ever on Earth. <i>Journal of Geography (Chigaku Zasshi)</i> , 2021, 130, 559-584.	0.3	4
8	Sedimentary record of Upper Triassic impact in the Lagonegro Basin, southern Italy: Insights from highly siderophile elements and Re-Os isotope stratigraphy across the Norian/Rhaetian boundary. <i>Chemical Geology</i> , 2021, 586, 120506.	3.3	8
9	Compositional heterogeneity of Archean mantle estimated from Sr and Nd isotopic systematics of basaltic rocks from North Pole, Australia, and the Isua supracrustal belt, Greenland. <i>Precambrian Research</i> , 2020, 347, 105803.	2.7	5
10	Hydrothermal Chromitites from the Oman Ophiolite: The Role of Water in Chromitite Genesis. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 217.	2.0	12
11	A framework for understanding Mo isotope records of Archean and Paleoproterozoic Fe- and Mn-rich sedimentary rocks: Insights from modern marine hydrothermal Fe-Mn oxides. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 280, 221-236.	3.9	17
12	A simple determination of whole-rock major- and trace-element composition for peridotite by micro-XRF spectrometer and ICP-MS using fused-glass bead. <i>Geochemical Journal</i> , 2020, 54, 81-90.	1.0	8
13	Enhanced flux of extraterrestrial <sup>3</sup> He across the Permian–Triassic boundary. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	16
14	Characterization of Crustal and Uppermost–Mantle Seismic Discontinuities in the Ontong Java Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 7155-7170.	3.4	17
15	Mineralogy, Trace Element Composition, and Classification of Onello High-Ni Ataxite. <i>Doklady Earth Sciences</i> , 2019, 485, 381-385.	0.7	2
16	Precambrian basement, provenance implication, and tectonic evolution of the Gargan block of the Tuva-Mongolia terranes, Central Asian Orogenic Belt. <i>Gondwana Research</i> , 2019, 75, 172-183.	6.0	10
17	Refinement of the Micro–Distillation Technique for Isotopic Analysis of Geological Samples with pg–Level Osmium Contents. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 231-243.	3.1	8
18	A Miocene impact ejecta layer in the pelagic Pacific Ocean. <i>Scientific Reports</i> , 2019, 9, 16111.	3.3	15

#	ARTICLE	IF	CITATIONS
19	K-rich hydrous mantle lithosphere beneath the Ontong Java Plateau: Significance for the genesis of oceanic basalts and Archean continents. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 248, 311-342.	3.9	22
20	The Maslyanino Iron Meteorite with Silicate Inclusions: Mineralogical and Geochemical Study and Classification Signatures. <i>Russian Geology and Geophysics</i> , 2019, 60, 752-767.	0.7	0
21	Trace Element Composition and Classification of the Chinga Iron Meteorite. <i>Doklady Earth Sciences</i> , 2018, 478, 62-66.	0.7	3
22	Altaite (PbTe) in the Maslyanino Iron Meteorite with Silicate Inclusions. <i>Doklady Earth Sciences</i> , 2018, 478, 79-81.	0.7	3
23	Collision-induced post-plateau volcanism: Evidence from a seamount on Ontong Java Plateau. <i>Lithos</i> , 2017, 294-295, 87-96.	1.4	21
24	Rhenium-osmium isotopes and highly siderophile elements in ultramafic rocks from the Eoarchean Saglek Block, northern Labrador, Canada: implications for Archean mantle evolution. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 286-311.	3.9	20
25	Metasomatic PGE mobilization by carbonatitic melt in the mantle: Evidence from sub-1/4m-scale sulfide-carbonaceous glass inclusion in Tahitian harzburgite xenolith. <i>Chemical Geology</i> , 2017, 475, 87-104.	3.3	14
26	A prolonged granitoid formation in Saglek Block, Labrador: Zonal growth and crustal reworking of continental crust in the Eoarchean. <i>Geoscience Frontiers</i> , 2017, 8, 355-385.	8.4	29
27	Occurrence and geochronology of the Eoarchean, ~4.39 Ga, Iqaluk Gneiss in the Saglek Block, northern Labrador, Canada: Evidence for the oldest supracrustal rocks in the world. <i>Precambrian Research</i> , 2016, 278, 218-243.	2.7	34
28	Petrology and geochemistry of mafic rocks in the Acasta Gneiss Complex: Implications for the oldest mafic rocks and their origin. <i>Precambrian Research</i> , 2016, 283, 190-207.	2.7	23
29	Widespread tungsten isotope anomalies and W mobility in crustal and mantle rocks of the Eoarchean Saglek Block, northern Labrador, Canada: Implications for early Earth processes and W recycling. <i>Earth and Planetary Science Letters</i> , 2016, 448, 13-23.	4.4	51
30	In situ oxygen-isotope, major-, and trace-element constraints on the metasomatic modification and crustal origin of a diamondiferous eclogite from Roberts Victor, Kaapvaal Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 345-359.	3.9	25
31	Re-Os isotope and platinum group elements of a Focal Zone mantle source, Louisville Seamounts Chain, Pacific ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 486-504.	2.5	11
32	Ultrapotassic Magma from the Deep Mantle, Leucite Hills Lamproite, Wyoming USA. <i>Journal of Geography (Chigaku Zasshi)</i> , 2015, 124, 515-523.	0.3	0
33	Geology of the Eoarchean, > 3.95 Ga, Nulliak supracrustal rocks in the Saglek Block, northern Labrador, Canada: The oldest geological evidence for plate tectonics. <i>Tectonophysics</i> , 2015, 662, 40-66.	2.2	82
34	Characterization of hydration in the mantle lithosphere: Peridotite xenoliths from the Ontong Java Plateau as an example. <i>Lithos</i> , 2015, 212-215, 189-201.	1.4	56
35	Re-evaluating digestion methods for highly siderophile element and 187Os isotope analysis: Evidence from geological reference materials. <i>Chemical Geology</i> , 2014, 384, 27-46.	3.3	111
36	Microstructures, composition, and seismic properties of the Ontong Java Plateau mantle root. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4547-4569.	2.5	30

#	ARTICLE	IF	CITATIONS
37	Osmium in reagents and environment: implication for measurements of low level Os and identification of the sources of Os blanks. JAMSTEC Report of Research and Development, 2014, 18, 17-28.	0.2	2
38	Cryptic lower crustal signature in the source of the Ontong Java Plateau revealed by Os and Hf isotopes. Earth and Planetary Science Letters, 2013, 377-378, 84-96.	4.4	23
39	Variety and origin of magmas on Shatsky Rise, northwest Pacific Ocean. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	55
40	A review of Os isotope ratios in abyssal peridotites. Ganseki Kobutsu Kagaku, 2012, 41, 211-221.	0.1	2
41	Three enigmas of highly siderophile elements in Earth's mantle. Ganseki Kobutsu Kagaku, 2012, 41, 203-210.	0.1	0
42	Ancient Os isotope signatures from the Ontong Java Plateau lithosphere: Tracing lithospheric accretion history. Earth and Planetary Science Letters, 2011, 301, 159-170.	4.4	56
43	Ontong-Java Plateau, the World's largest Oceanic Plateau, Has Been Subducted 50%, with the Remaining 50% on the Surface, and with a &lt; 1% Accretion on the Hanging Wall of the Solomon Islands. Journal of Geography (Chigaku Zasshi), 2011, 120, 1035-1044.	0.3	1
44	Ophiolites in the Non-volcanic Banda Outer Arc of East Indonesia: Field Occurrence and Petrological Variety of the World's Youngest Ophiolite. Journal of Geography (Chigaku Zasshi), 2011, 120, 52-64.	0.3	4
45	Spectacular Mantle Xenoliths Derived from "Oceanic Kimberlite", Malaita, Solomon Islands: A Unique Window into the Earth's Deep Interior. Journal of Geography (Chigaku Zasshi), 2011, 120, 1026-1034.	0.3	3
46	World's youngest blueschist belt from Leti Island in the non-volcanic Banda outer arc of Eastern Indonesia. Gondwana Research, 2010, 18, 189-204.	6.0	29
47	Age, Composition and Thermal Characteristics of South African Off-Craton Mantle Lithosphere: Evidence for a Multi-Stage History. Journal of Petrology, 2010, 51, 1849-1890.	2.8	71
48	Ancient recycled crust beneath the Ontong Java Plateau: Isotopic evidence from the garnet clinopyroxene xenoliths, Malaita, Solomon Islands. Earth and Planetary Science Letters, 2007, 259, 134-148.	4.4	51
49	Geology of the Gorny Altai subductionâ€“accretion complex, southern Siberia: Tectonic evolution of an Ediacaranâ€“Cambrian intra-oceanic arc-trench system. Journal of Asian Earth Sciences, 2007, 30, 666-695.	2.3	74
50	Multiple generations of forearc maficâ€“ultramafic rocks in the Timorâ€“Tanimbar ophiolite, eastern Indonesia. Gondwana Research, 2007, 11, 200-217.	6.0	41
51	On-going orogeny in the outer-arc of the Timorâ€“Tanimbar region, eastern Indonesia. Gondwana Research, 2007, 11, 218-233.	6.0	63
52	Glass melt inclusion in clinopyroxene from Linqu Cenozoic basalt, Shandong Province, China. Science Bulletin, 2006, 51, 1869-1876.	1.7	4
53	Jurassic oceanic lithosphere beneath the southern Ontong Java Plateau: Evidence from xenoliths in alnÃ“tite, Malaita, Solomon Islands. Geology, 2005, 33, 393.	4.4	28
54	Accretionary Complex Origin of the Mafic-Ultramafic Bodies of the Sanbagawa Belt, Central Shikoku, Japan. International Geology Review, 2005, 47, 1058-1073.	2.1	52

#	ARTICLE	IF	CITATIONS
55	Layered Lithospheric Mantle Beneath the Ontong Java Plateau: Implications from Xenoliths in Aln <sup>Al</sup> ite, Malaita, Solomon Islands. <i>Journal of Petrology</i> , 2004, 45, 2011-2044.	2.8	63
56	Petrology, geochemistry and paleogeographic reconstruction of the East Sulawesi Ophiolite, Indonesia. <i>Tectonophysics</i> , 2004, 392, 55-83.	2.2	100
57	Isotopic evidence for a link between the Lyra Basin and Ontong Java Plateau. <i>Special Paper of the Geological Society of America</i> , 0, , 251-269.	0.5	5