Akira Ishikawa

List of Publications by Year
in descending order

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	Re-evaluating digestion methods for highly siderophile element and 187Os isotope analysis: Evidence from geological reference materials. Chemical Geology, 2014, 384, 27-46.	3.3	111
2	Petrology, geochemistry and paleogeographic reconstruction of the East Sulawesi Ophiolite, Indonesia. Tectonophysics, 2004, 392, 55-83.	2.2	100
3	Geology of the Eoarchean, > 3.95 Ga, Nulliak supracrustal rocks in the Saglek Block, northern Labrador, Canada: The oldest geological evidence for plate tectonics. Tectonophysics, 2015, 662, 40-66.	2.2	82
4	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
5	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
6	Layered Lithospheric Mantle Beneath the Ontong Java Plateau: Implications from Xenoliths in AlnÃ¶ite, Malaita, Solomon Islands. Journal of Petrology, 2004, 45, 2011-2044.	2.8	63
7	On-going orogeny in the outer-arc of the Timorâ€“Tanimbar region, eastern Indonesia. Gondwana Research, 2007, 11, 218-233.	6.0	63
8	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
9	Characterization of hydration in the mantle lithosphere: Peridotite xenoliths from the Ontong Java Plateau as an example. Lithos, 2015, 212-215, 189-201.	1.4	56
10	Variety and origin of magmas on Shatsky Rise, northwest Pacific Ocean. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	55
11	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
12	Ancient recycled crust beneath the Ontong Java Plateau: Isotopic evidence from the garnet clinopyroxenite xenoliths, Malaita, Solomon Islands. Earth and Planetary Science Letters, 2007, 259, 134-148.	4.4	51
13	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. Earth and Planetary Science Letters, 2016, 448, 13-23.	4.4	51
14	Globally distributed iridium layer preserved within the Chicxulub impact structure. Science Advances, 2021, 7, .	10.3	47
15	Multiple generations of forearc maficâ€“ultramafic rocks in the Timorâ€“Tanimbar ophiolite, eastern Indonesia. Gondwana Research, 2007, 11, 200-217.	6.0	41
16	Occurrence and geochronology of the Eoarchean, â^¼3.9 Ga, Iqaluk Gneiss in the Saglek Block, northern Labrador, Canada: Evidence for the oldest supracrustal rocks in the world. Precambrian Research, 2016, 278, 218-243.	2.7	34
17	Microstructures, composition, and seismic properties of the <scp>O</scp>ntong <scp>J</scp>ava <scp>P</scp>lateau mantle root. Geochemistry, Geophysics, Geosystems, 2014, 15, 4547-4569.	2.5	30
18	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

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19	A prolonged granitoid formation in Saglek Block, Labrador: Zonal growth and crustal reworking of continental crust in the Eoarchean. Geoscience Frontiers, 2017, 8, 355-385.	8.4	29
20	Jurassic oceanic lithosphere beneath the southern Ontong Java Plateau: Evidence from xenoliths in alnÃ¶ite, Malaita, Solomon Islands. Geology, 2005, 33, 393.	4.4	28
21	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. Geochimica Et Cosmochimica Acta, 2016, 174, 345-359.	3.9	25
22	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
23	Petrology and geochemistry of mafic rocks in the Acasta Gneiss Complex: Implications for the oldest mafic rocks and their origin. Precambrian Research, 2016, 283, 190-207.	2.7	23
24	K-rich hydrous mantle lithosphere beneath the Ontong Java Plateau: Significance for the genesis of oceanic basalts and Archean continents. Geochimica Et Cosmochimica Acta, 2019, 248, 311-342.	3.9	22
25	Collision-induced post-plateau volcanism: Evidence from a seamount on Ontong Java Plateau. Lithos, 2017, 294-295, 87-96.	1.4	21
26	Rhenium-osmium isotopes and highly siderophile elements in ultramafic rocks from the Eoarchean Saglek Block, northern Labrador, Canada: implications for Archean mantle evolution. Geochimica Et Cosmochimica Acta, 2017, 216, 286-311.	3.9	20
27	Seismic evidence for a thermochemical mantle plume underplating the lithosphere of the Ontong Java Plateau. Communications Earth & Environment, 2021, 2, .	6.8	19
28	Characterization of Crustal and Uppermostâ€Mantle Seismic Discontinuities in the Ontong Java Plateau. Journal of Geophysical Research: Solid Earth, 2019, 124, 7155-7170.	3.4	17
29	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. Geochimica Et Cosmochimica Acta, 2020, 280, 221-236.	3.9	17
30	Enhanced flux of extraterrestrial 3He across the Permianâ€“Triassic boundary. Progress in Earth and Planetary Science, 2019, 6, .	3.0	16
31	A Miocene impact ejecta layer in the pelagic Pacific Ocean. Scientific Reports, 2019, 9, 16111.	3.3	15
32	Metasomatic PGE mobilization by carbonatitic melt in the mantle: Evidence from sub-Î¼m-scale sulfideâ€“carbonaceous glass inclusion in Tahitian harzburgite xenolith. Chemical Geology, 2017, 475, 87-104.	3.3	14
33	Hydrothermal Chromitites from the Oman Ophiolite: The Role of Water in Chromitite Genesis. Minerals (Basel, Switzerland), 2020, 10, 217.	2.0	12
34	Reâ€Os isotope and platinum group elements of a FOcal ZOne mantle source, <scp>L</scp>ouisville Seamounts Chain, <scp>P</scp>acific ocean. Geochemistry, Geophysics, Geosystems, 2015, 16, 486-504.	2.5	11
35	Precambrian basement, provenance implication, and tectonic evolution of the Gargan block of the Tuva-Mongolia terranes, Central Asian Orogenic Belt. Gondwana Research, 2019, 75, 172-183.	6.0	10
36	Refinement of the Microâ€Distillation Technique for Isotopic Analysis of Geological Samples with pgâ€Level Osmium Contents. Geostandards and Geoanalytical Research, 2019, 43, 231-243.	3.1	8

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37	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. Chemical Geology, 2021, 586, 120506.	3.3	8
38	A simple determination of whole-rock major- and trace-element composition for peridotite by micro-XRF spectrometer and ICP-MS using fused-glass bead. Geochemical Journal, 2020, 54, 81-90.	1.0	8
39	New geochronological constraints on the middle Archean Shurugwi greenstone belt toward an understanding of the crustal evolution of the Zimbabwe Craton. Journal of African Earth Sciences, 2021, 173, 104021.	2.0	6
40	Isotopic evidence for a link between the Lyra Basin and Ontong Java Plateau. Special Paper of the Geological Society of America, 0, , 251-269.	0.5	5
41	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. Precambrian Research, 2020, 347, 105803.	2.7	5
42	Glass melt inclusion in clinopyroxene from Linqu Cenozoic basalt, Shandong Province, China. Science Bulletin, 2006, 51, 1869-1876.	1.7	4
43	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
44	Testing the Ontong Java Nui Hypothesis: The Largest Supervolcano Ever on Earth. Journal of Geography (Chigaku Zasshi), 2021, 130, 559-584.	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	Trace Element Composition and Classification of the Chinga Iron Meteorite. Doklady Earth Sciences, 2018, 478, 62-66.	0.7	3
47	Altaite (PbTe) in the Maslyanino Iron Meteorite with Silicate Inclusions. Doklady Earth Sciences, 2018, 478, 79-81.	0.7	3
48	Occurrence and chemical composition of the Eoarchean carbonate rocks of the Nulliak supracrustal rocks in the Saglek Block of northeastern Labrador, Canada. Island Arc, 2021, 30, e12381.	1.1	3
49	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. American Mineralogist, 2021, , .	1.9	3
50	Mineralogy, Trace Element Composition, and Classification of Onello High-Ni Ataxite. Doklady Earth Sciences, 2019, 485, 381-385.	0.7	2
51	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
52	A review of Os isotope ratios in abyssal peridotites. Ganseki Kobutsu Kagaku, 2012, 41, 211-221.	0.1	2
53	Chemical and Isotopic Evaluation of a Microsampling Method using Laser Ablation and Membrane Filter. Geostandards and Geoanalytical Research, 2022, 46, 205-222.	3.1	2
54	Ontong-Java Plateau, the World's largest Oceanic Plateau, Has Been Subducted 50%, with the Remaining 50% on the Surface, and with a < 1% Accretion on the Hanging Wall of the Solomon Islands. Journal of Geography (Chigaku Zasshi), 2011, 120, 1035-1044.	0.3	1

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55	Ultrapotassic Magma from the Deep Mantle, Leucite Hills Lamproite, Wyoming USA. Journal of Geography (Chigaku Zasshi), 2015, 124, 515-523.	0.3	0
56	Three enigmas of highly siderophile elements in Earth's mantle. Ganseki Kobutsu Kagaku, 2012, 41, 203-210.	0.1	0
57	The Maslyanino Iron Meteorite with Silicate Inclusions: Mineralogical and Geochemical Study and Classification Signatures. Russian Geology and Geophysics, 2019, 60, 752-767.	0.7	0