

Masahiro Ishikawa

List of Publications by Year in descending order

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44
papers

1,183
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394421

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34
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all docs

44
docs citations

44
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing of Himalayan ultrahigh-pressure metamorphism: sinking rate and subduction angle of the Indian continental crust beneath Asia. <i>Journal of Metamorphic Geology</i> , 2003, 21, 589-599.	3.4	253
2	Geology of the Kokchetav UHP-HP metamorphic belt, Northern Kazakhstan. <i>Island Arc</i> , 2000, 9, 264-283.	1.1	99
3	Petrological model of the northern Izu-Bonin-Mariana arc crust: constraints from high-pressure measurements of elastic wave velocities of the Tanzawa plutonic rocks, central Japan. <i>Tectonophysics</i> , 2003, 371, 213-221.	2.2	75
4	On-going orogeny in the outer-arc of the Timor-Tanimbar region, eastern Indonesia. <i>Gondwana Research</i> , 2007, 11, 218-233.	6.0	63
5	Comparison of the metamorphic history of the Monapo Complex, northern Mozambique and Balchenfjella and Austhameren areas, Sør Rondane, Antarctica: Implications for the Kuunga Orogeny and the amalgamation of N and S. <i>Gondwana. Precambrian Research</i> , 2013, 234, 85-135.	2.7	58
6	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
7	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
8	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. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
9	Chlorine-rich fluid or melt activity during granulite facies metamorphism in the Late Proterozoic to Cambrian continental collision zone—An example from the Sør Rondane Mountains, East Antarctica. <i>Precambrian Research</i> , 2013, 234, 229-246.	2.7	33
10	P-wave velocity and anisotropy of lawsonite and epidote blueschists: Constraints on water transportation along subducting oceanic crust. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 183, 219-228.	1.9	32
11	P- and S-wave velocities of the lowermost crustal rocks from the Kohistan arc: Implications for seismic Moho discontinuity attributed to abundant garnet. <i>Tectonophysics</i> , 2009, 467, 44-54.	2.2	31
12	Late-Tonian to early-Cryogenian apparent depositional ages for metacarbonate rocks from the Sør Rondane Mountains, East Antarctica. <i>Precambrian Research</i> , 2013, 234, 257-278.	2.7	25
13	Supercooled melt inclusions in lower-crustal granulites as a consequence of rapid exhumation by channel flow. <i>Gondwana Research</i> , 2014, 25, 226-234.	6.0	23
14	Laboratory measurements of P- and S-wave velocities in polycrystalline plagioclase and gabbro norite up to 700 Å°C and 1 GPa: Implications for the low velocity anomaly in the lower crust. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	21
15	Discontinuous change in temperature derivative of Vp in lower crustal rocks. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	20
16	Effect of H2O released by dehydration of serpentine and chlorite on compressional wave velocities of peridotites at 1GPa and up to 1000Å°C. <i>Physics of the Earth and Planetary Interiors</i> , 2007, 161, 215-223.	1.9	20
17	Geodynamic evolution of Mt. Riiser-Larsen, Napier Complex, East Antarctica, with reference to the UHT mineral associations and their reaction relations. <i>Geological Society Special Publication</i> , 2008, 308, 253-282.	1.3	20
18	Temperature derivatives of elastic wave velocities in plagioclase (An51Å1) above and below the order-disorder transition temperature. <i>American Mineralogist</i> , 2008, 93, 558-564.	1.9	20

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19	Sinistral transpressional and extensional tectonics in Dronning Maud Land, East Antarctica, including the Sør Rondane Mountains. <i>Precambrian Research</i> , 2013, 234, 30-46.	2.7	19
20	Late Neoproterozoic extensional detachment in eastern Sør Rondane Mountains, East Antarctica: Implications for the collapse of the East African Antarctic Orogen. <i>Precambrian Research</i> , 2013, 234, 247-256.	2.7	16
21	Prograde infiltration of Cl-rich fluid into the granulitic continental crust from a collision zone in East Antarctica (Perlebandet, Sør Rondane Mountains). <i>Lithos</i> , 2017, 274-275, 73-92.	1.4	16
22	Effects of strain gradients on asymmetry of experimental normal fault systems. <i>Journal of Structural Geology</i> , 1995, 17, 1047-1053.	2.3	14
23	Structure and Evolution of the East Antarctic Lithosphere: Tectonic Implications for the Development and Dispersal of Gondwana. <i>Gondwana Research</i> , 2004, 7, 31-41.	6.0	14
24	Origins of the lower crustal reflectivity in the Lützow-Holm Complex, Enderby Land, East Antarctica. <i>Earth, Planets and Space</i> , 2004, 56, 151-162.	2.5	13
25	Geochemical behavior of zirconium during Cl-rich fluid or melt infiltration under upper amphibolite facies metamorphism – A case study from Brattnipene, Sør Rondane Mountains, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2015, 110, 166-178.	0.9	13
26	Kinematic analysis of ultrahigh-pressure-high-pressure metamorphic rocks in the Chaglinka-Kulet area of the Kokchetav Massif, Kazakhstan. <i>Island Arc</i> , 2000, 9, 304-316.	1.1	11
27	Subhorizontal boundary between ultrahigh-pressure and low-pressure metamorphic units in the Sulu-Tjube area of the Kokchetav Massif, Kazakhstan. <i>Island Arc</i> , 2000, 9, 317-327.	1.1	11
28	Simultaneous measurements of compressional wave and shear wave velocities, Poisson's ratio, and V_p/V_s under deep crustal pressure and temperature conditions: Example of silicified pelitic schist from Ryoike Belt, Southwest Japan. <i>Island Arc</i> , 2010, 19, 30-39.	1.1	11
29	Laboratory measurements of V_p and V_s in a porosity-developed crustal rock: Experimental investigation into the effects of porosity at deep crustal pressures. <i>Tectonophysics</i> , 2016, 677-678, 218-226.	2.2	11
30	Laboratory measurements of “porosity-free” intrinsic V_p and V_s in an olivine gabbro of the Oman ophiolite: Implication for interpretation of the seismic structure of lower oceanic crust. <i>Island Arc</i> , 2015, 24, 131-144.	1.1	10
31	Brine Infiltration in the Middle to Lower Crust in a Collision Zone: Mass Transfer and Microtexture Development Through Wet Grain-Boundary Diffusion. <i>Journal of Petrology</i> , 2019, 60, 329-358.	2.8	10
32	Northward extrusion of the ultrahigh-pressure units in the southern Dabie metamorphic belt, east-central China. <i>Island Arc</i> , 2013, 22, 51-62.	1.1	8
33	Crustal assembly of the Antananarivo and Masora domains, central-eastern Madagascar: constraints from U–Pb zircon geochronology and whole-rock geochemistry of meta-granitoids. <i>Journal of Mineralogical and Petrological Sciences</i> , 2015, 110, 111-125.	0.9	8
34	Fold structures and left-lateral ductile shear in the Gosaisho metamorphic belt, Northeast Japan. <i>Journal of the Geological Society of Japan</i> , 1990, 96, 719-730.	0.6	8
35	Elastic properties of high-grade metamorphosed igneous rocks from Enderby Land and eastern Dronning Maud Land, Antarctica: evidence for biotite-bearing mafic lower crust. <i>Geological Society Special Publication</i> , 2008, 308, 183-194.	1.3	6
36	Pressure–temperature–time path of a metapelite from Meffjell, Sør Rondane Mountains, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2017, 112, 77-87.	0.9	6

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37	Effect of fluid H ₂ O on compressional wave velocities in quartz aggregate up to 500Â°C at 0.5 GPa. Earth, Planets and Space, 2014, 66, .	2.5	5
38	Sr and Nd Isotopic evidence in metacarbonate rocks for an extinct Island arc ocean system in East Antarctica. Journal of Mineralogical and Petrological Sciences, 2016, 111, 170-180.	0.9	5
39	Sintering polycrystalline olivine and polycrystalline clinopyroxene containing trace amount of graphite from natural crystals. Earth, Planets and Space, 2017, 69, .	2.5	5
40	Subhorizontal tectonic framework of the Horoman peridotite complex and enveloping crustal rocks, south-central Hokkaido, Japan. Island Arc, 2010, 19, 458-469.	1.1	4
41	Laboratory Measurements of Ultrasonic Wave Velocities of Crustal Rocks at High Pressures and Temperatures: Petrological Structure of Izu-Bonin-Mariana Arc Crust. , 2009, , 143-152.		4
42	Deep crustal and uppermost mantle lithology of Island Arcs:. Journal of the Geological Society of Japan, 2017, 123, 355-364.	0.6	3
43	Sintering nanocrystalline diopside from pulverized diopside crystals. Journal of Mineralogical and Petrological Sciences, 2017, 112, 127-131.	0.9	3
44	Felsic lower crust and orthopyroxenitic mantle beneath the Kitakami Mountains, Japan: Evidence for slab melting in the Cretaceous. Ganseki Kobutsu Kagaku, 2014, 43, 100-107.	0.1	2