

Hitoshi Kawakatsu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,620
citations

623734

14
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1736
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Erratum to</i> Unexpected Consequences of Transverse Isotropy. Bulletin of the Seismological Society of America, 2022, 112, 1190-1190.	2.3	0
2	A New Reference Model for the Evolution of Oceanic Lithosphere in a Cooling Earth. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021528.	3.4	5
3	Receiver Function Imaging of the Amphibious NE Japan Subduction Zone—Effects of Low-Velocity Sediment Layer. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021918.	3.4	9
4	Unexpected Consequences of Transverse Isotropy. Bulletin of the Seismological Society of America, 2021, 111, 129-138.	2.3	2
5	Persistent Long-Period Signals Recorded by an OBS Array in the Western-Central Pacific: Activity of Ambrym Volcano in Vanuatu. Geophysical Research Letters, 2020, 47, e2020GL089108.	4.0	7
6	Inversion of Longer-Period OBS Waveforms for P Structures in the Oceanic Lithosphere and Asthenosphere. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018810.	3.4	6
7	Sharpness of the hemispherical boundary in the inner core beneath the northern Pacific. Earth and Planetary Science Letters, 2019, 527, 115796.	4.4	5
8	Surface wave tomography for the Pacific Ocean incorporating seafloor seismic observations and plate thermal evolution. Earth and Planetary Science Letters, 2019, 510, 116-130.	4.4	24
9	A Sharp Structural Boundary in Lowermost Mantle Beneath Alaska Detected by Core Phase Differential Travel Times for the Anomalous South Sandwich Islands to Alaska Path. Geophysical Research Letters, 2018, 45, 176-184.	4.0	7
10	In Situ Characterization of the Lithosphere–Asthenosphere System beneath NW Pacific Ocean Via Broadband Dispersion Survey With Two OBS Arrays. Geochemistry, Geophysics, Geosystems, 2018, 19, 3529-3539.	2.5	29
11	Radial and Azimuthal Anisotropy Tomography of the NE Japan Subduction Zone: Implications for the Pacific Slab and Mantle Wedge Dynamics. Geophysical Research Letters, 2018, 45, 3923-3931.	4.0	14
12	Seismic and Electrical Signatures of the Lithosphere–Asthenosphere System of the Normal Oceanic Mantle. Annual Review of Earth and Planetary Sciences, 2017, 45, 139-167.	11.0	56
13	A fluid-rich layer along the Nankai trough megathrust fault off the Kii Peninsula inferred from receiver function inversion. Journal of Geophysical Research: Solid Earth, 2017, 122, 6524-6537.	3.4	13
14	Automated determination of magnitude and source length of large earthquakes using backprojection and <i>P</i> wave amplitudes. Geophysical Research Letters, 2017, 44, 5447-5456.	4.0	14
15	Determination of intrinsic attenuation in the oceanic lithosphere-asthenosphere system. Science, 2017, 358, 1593-1596.	12.6	24
16	Non-linear waveform analysis for water-layer response and its application to high-frequency receiver function analysis using OBS array. Geophysical Journal International, 2016, 206, 1914-1920.	2.4	12
17	Comment on “Nature of the Seismic Lithosphere–Asthenosphere Boundary within Normal Oceanic Mantle from High-Resolution Receiver Functions” by Olugboji et al.. Geochemistry, Geophysics, Geosystems, 2016, 17, 3488-3492.	2.5	11
18	Backprojection analyses from four regional arrays for rupture over a curved dipping fault: The <i>M_w</i> 7.7 24 September 2013 Pakistan earthquake. Journal of Geophysical Research: Solid Earth, 2016, 121, 1948-1961.	3.4	16

#	ARTICLE	IF	CITATIONS
19	Estimating high frequency energy radiation of large earthquakes by image deconvolution back-projection. Earth and Planetary Science Letters, 2016, 449, 155-163.	4.4	23
20	A new fifth parameter for transverse isotropy. Geophysical Journal International, 2016, 204, 682-685.	2.4	25
21	Subduction of oceanic asthenosphere: A critical appraisal in central Alaska. Earth and Planetary Science Letters, 2013, 367, 82-94.	4.4	38
22	Subduction of oceanic asthenosphere: Evidence from sub-slab seismic anisotropy. Geophysical Research Letters, 2012, 39, .	4.0	82
23	Imaging the seismic lithosphere-asthenosphere boundary of the oceanic plate. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	97
24	Seismic Evidence for Sharp Lithosphere-Asthenosphere Boundaries of Oceanic Plates. Science, 2009, 324, 499-502.	12.6	466
25	Seismic Evidence for Deep-Water Transportation in the Mantle. Science, 2007, 316, 1468-1471.	12.6	505
26	Detection of a crack-like conduit beneath the active crater at Aso Volcano Japan. Geophysical Research Letters, 1999, 26, 3677-3680.	4.0	73
27	10s-period volcanic tremors observed over a wide area in southwestern Japan. Geophysical Research Letters, 1994, 21, 1963-1966.	4.0	57