

# Takeshi Akuhara

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

261  
citations

840776

11  
h-index

1125743

13  
g-index

27  
all docs

27  
docs citations

27  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine Sediment Characterized by Oceanâ€Bottom Fiberâ€Optic Seismology. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088360.	4.0	53
2	Hydrous state of the subducting Philippine Sea plate inferred from receiver function image using onshore and offshore data. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8461-8477.	3.4	35
3	Segmentation of the Vp/Vs ratio and lowâ€frequency earthquake distribution around the fault boundary of the Tonankai and Nankai earthquakes. <i>Geophysical Research Letters</i> , 2013, 40, 1306-1310.	4.0	22
4	Overpressured Underthrust Sediment in the Nankai Trough Forearc Inferred From Transdimensional Inversion of Highâ€Frequency Teleseismic Waveforms. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088280.	4.0	21
5	Performance of Seismic Observation by Distributed Acoustic Sensing Technology Using a Seafloor Cable Off Sanriku, Japan. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	21
6	Application of cluster analysis based on waveform cross-correlation coefficients to data recorded by ocean-bottom seismometers: results from off the Kii Peninsula. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	15
7	Sedimentary Structure Derived From Multiâ€Mode Ambient Noise Tomography With Dense OBS Network at the Japan Trench. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021789.	3.4	15
8	Subsurface Imaging With Oceanâ€Bottom Distributed Acoustic Sensing and Water Phases Reverberations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	15
9	A fluidâ€rich layer along the Nankai trough megathrust fault off the Kii Peninsula inferred from receiver function inversion. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 6524-6537.	3.4	13
10	Non-linear waveform analysis for water-layer response and its application to high-frequency receiver function analysis using OBS array. <i>Geophysical Journal International</i> , 2016, 206, 1914-1920.	2.4	12
11	Beyond Receiver Functions: Green's Function Estimation by Transdimensional Inversion and Its Application to OBS Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 1944-1961.	3.4	12
12	Distributed Acoustic Sensing measurement by using seafloor optical fiber cable system off Sanriku for seismic observation. , 2019, , .		11
13	Receiver Function Imaging of the Amphibious NE Japan Subduction Zoneâ€Effects of Lowâ€Velocity Sediment Layer. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021918.	3.4	9
14	Lithosphereâ€asthenosphere boundary beneath the Sea of Japan from transdimensional inversion of S-receiver functions. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	7
15	Segmentation of Hypocenters and 3-D Vp/Vs Ratio Structure around the Kii Peninsula Revealed by Onshore and Offshore Seismic Observations. , 2013, , .		0
16	A Fluid-Rich Layer Along the Megathrust Fault Inferred from High-Frequency Receiver Function Inversion Analysis. <i>Springer Theses</i> , 2018, , 65-82.	0.1	0
17	Receiver Function Image of the Subducting Philippine Sea Plate. <i>Springer Theses</i> , 2018, , 43-64.	0.1	0
18	Precise aftershock distribution of the 2019 Yamagata-oki earthquake using newly developed simple anchored-buoy ocean bottom seismometers and land seismic stations. <i>Earth, Planets and Space</i> , 2022, 74, .	2.5	0