

Hiroshi Ichihara

List of Publications by Year in descending order

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16
papers

192
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1163117

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all docs

17
docs citations

17
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	A realistic 3-D resistivity model explaining anomalous large magnetotelluric phases: the L-shaped conductor model. <i>Geophysical Journal International</i> , 2009, 179, 14-17.	2.4	40
2	A faultâ€zone conductor beneath a compressional inversion zone, northeastern Honshu, Japan. <i>Geophysical Research Letters</i> , 2011, 38, .	4.0	20
3	A 3-D electrical resistivity model beneath the focal zone of the 2008 Iwate-Miyagi Nairiku earthquake (M 7.2). <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	19
4	Resistivity structure around the focal area of the 2004 Rumoi-Nanbu earthquake (M 6.1), northern Hokkaido, Japan. <i>Earth, Planets and Space</i> , 2008, 60, 883-888.	2.5	17
5	Crustal structure and fluid distribution beneath the southern part of the <scp>H</scp>idaka collision zone revealed by 3â€D</scp> electrical resistivity modeling. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1480-1491.	2.5	16
6	Threeâ€Dimensional Time Domain Simulation of Tsunamiâ€Generated Electromagnetic Fields: Application to the 2011 Tohoku Earthquake Tsunami. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9559-9579.	3.4	13
7	Electrical conductive fluid-rich zones and their influence on the earthquake initiation, growth, and arrest processes: observations from the 2016 Kumamoto earthquake sequence, Kyushu Island, Japan. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	12
8	Three-dimensional resistivity modelling of a seismogenic area in an oblique subduction zone in the western Kurile arc: Constraints from anomalous magnetotelluric phases. <i>Tectonophysics</i> , 2013, 603, 114-122.	2.2	11
9	Drift of an ocean bottom electromagnetometer from the Bonin to Ryukyu Islands: estimation of the path and travel time by numerical tracking experiments. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	10
10	A 3D electrical resistivity model around the focal zone of the 2017 southern Nagano Prefecture earthquake (MJMA 5.6): implications for relationship between seismicity and crustal heterogeneity. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	8
11	Electrical resistivity modeling around the Hidaka collision zone, northern Japan: regional structural background of the 2018 Hokkaido Eastern Iwate earthquake (Mw 6.6). <i>Earth, Planets and Space</i> , 2019, 71, .	2.5	8
12	Method for obtaining response functions from noisy magnetotelluric data using frequency-domain independent component analysis. <i>Geophysics</i> , 2021, 86, E21-E35.	2.6	6
13	Magnetization structure of Nishinoshima volcano, Ogasawara island arc, obtained from magnetic surveys using an unmanned aerial vehicle. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 419, 107349.	2.1	5
14	Two independent signals detected by ocean bottom electromagnetometers during a non-eruptive volcanic event: Ogasawara Island arc volcano, Nishinoshima. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	4
15	An overview of electrical resistivity in the crust and upper mantle: principle of magnetotelluric method, accuracy and resolution of resistivity modeling, and electrical resistivity feature of crustal and mantle rocks and minerals. <i>Ganseki Kobutsu Kagaku</i> , 2011, 40, 73-90.	0.1	2
16	Imaging of a serpentinite complex in the Kamuikotan Zone, northern Japan, from magnetotelluric soundings. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	1