

Shun-ichi Watanabe

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimal Transponder Array and Survey Line Configurations for GNSS-A Observation Evaluated by Numerical Simulation. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	5
2	Establishment of Regular GNSS-A Seafloor Geodetic Observation Technique and Its Contribution to Seismology. <i>Zisin (Journal of the Seismological Society of Japan 2nd Ser)</i> , 2021, 74, 55-65.	0.2	0
3	Co- and postseismic slip behaviors extracted from decadal seafloor geodesy after the 2011 Tohoku-oki earthquake. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	15
4	Crustal deformation detection capability of the GNSS-A seafloor geodetic observation array (SGO-A), provided by Japan Coast Guard. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	6
5	Kilometer-Scale Sound Speed Structure That Affects GNSS-A Observation: Case Study off the Kii Channel. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	6
6	History of On-Board Equipment Improvement for GNSS-A Observation With Focus on Observation Frequency. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	24
7	GARPOS: Analysis Software for the GNSS-A Seafloor Positioning With Simultaneous Estimation of Sound Speed Structure. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	22
8	Gradient field of undersea sound speed structure extracted from the GNSS-A oceanography. <i>Marine Geophysical Researches</i> , 2019, 40, 493-504.	1.2	34
9	Tsunami Scenarios Based on Interseismic Models Along the Nankai Trough, Japan, From Seafloor and Onshore Geodesy. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2448-2461.	3.4	18
10	Analytical Approach for the Precise GNSS-A Seafloor Geodetic Observation: Extraction of Ocean Disturbance Effect. , 2018, , .		1
11	Seafloor crustal deformation data along the subduction zones around Japan obtained by GNSS-A observations. <i>Scientific Data</i> , 2018, 5, 180182.	5.3	42
12	Seafloor geodetic constraints on interplate coupling of the Nankai Trough megathrust zone. <i>Nature</i> , 2016, 534, 374-377.	27.8	231
13	Non-volcanic crustal movements of the northernmost Philippine Sea plate detected by the GPS-acoustic seafloor positioning. <i>Earth, Planets and Space</i> , 2015, 67, .	2.5	15
14	Heterogeneous interplate coupling along the Nankai Trough, Japan, detected by GPS-acoustic seafloor geodetic observation. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	3.0	22
15	Evidence of viscoelastic deformation following the 2011 Tohoku-oki earthquake revealed from seafloor geodetic observation. <i>Geophysical Research Letters</i> , 2014, 41, 5789-5796.	4.0	111