Shun-ichi Watanabe

List of Publications by Year
in descending order

15	552	933447 10	1125743 13
papers	citations	h-index	g-index

23	23	23	407
all docs	docs citations	times ranked	citing authors

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