

# Naotaka Chikasada

## List of Publications by Year in descending order

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28  
papers

369  
citations

840119

11  
h-index

794141

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Size and Spatial Distributions of Sub-km Main-Belt Asteroids. Publication of the Astronomical Society of Japan, 2003, 55, 701-715.	1.0	53
2	Multi-index method using offshore ocean-bottom pressure data for real-time tsunami forecast. Earth, Planets and Space, 2016, 68, .	0.9	41
3	Imaging Polarimetry and Color of the Inner Coma of Comet Hale-Bopp(C/1995 O1). Publication of the Astronomical Society of Japan, 1999, 51, 367-373.	1.0	27
4	Design Principles and IT Overviews of the GEO Grid. IEEE Systems Journal, 2008, 2, 374-389.	2.9	27
5	Tsunami source inversion using time-derivative waveform of offshore pressure records to reduce effects of non-tsunami components. Geophysical Journal International, 2018, 215, 1200-1214.	1.0	21
6	Meteorological Tsunami Generation Due to Seaâ€œSurface Pressure Change: Threeâ€œDimensional Theory and Synthetics of Oceanâ€œBottom Pressure Change. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017011.	1.0	21
7	Observations of Fragments Split from Nucleus B of Comet 73P/Schwassmann-Wachmann 3 with Subaru Telescope. Publication of the Astronomical Society of Japan, 2007, 59, 381-386.	1.0	19
8	Rapid estimation of tsunami source centroid location using a dense offshore observation network. Geophysical Research Letters, 2016, 43, 4263-4269.	1.5	19
9	Development and Utilization of Real-Time Tsunami Inundation Forecast System Using S-net Data. Journal of Disaster Research, 2019, 14, 212-224.	0.4	16
10	Meteotsunami Observed by the Deepâ€œOcean Seafloor Pressure Gauge Network Off Northeastern Japan. Geophysical Research Letters, 2021, 48, e2021GL094255.	1.5	16
11	Ocean-wave phenomenon around Japan due to the 2022 Tonga eruption observed by the wide and dense ocean-bottom pressure gauge networks. Earth, Planets and Space, 2022, 74, .	0.9	15
12	Improving the Constraint on the $M_w > 7.1$ 2016 Offâ€œFukushima Shallow Normalâ€œFaulting Earthquake With the High Azimuthal Coverage Tsunami Data From the Sâ€œNet Wide and Dense Network: Implication for the Stress Regime in the Tohoku Overriding Plate. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022223.	1.4	14
13	Ultrabroadband Seismic and Tsunami Wave Observation of Highâ€œSampling Oceanâ€œBottom Pressure Gauge Covering Periods From Seconds to Hours. Earth and Space Science, 2020, 7, e2020EA001197.	1.1	12
14	Deep Investigations of Outerâ€œRise Tsunami Characteristics Using Wellâ€œMapped Normal Faults Along the Japan Trench. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020060.	1.4	12
15	Parallel and Distributed Astronomical Data Analysis on Grid Datafarm. , 0, , .		11
16	Ambient noise correlation analysis of S-net records: extracting surface wave signals below instrument noise levels. Geophysical Journal International, 2020, 224, 1640-1657.	1.0	11
17	Cross Calibration of Formosat-2 Remote Sensing Instrument (RSI) Using Terra Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER). IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4821-4831.	2.7	7
18	Frequency dispersion amplifies tsunamis caused by outer-rise normal faults. Scientific Reports, 2021, 11, 20064.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Numerical Simulation of Urban Inundation Processes and Their Hydraulic Quantities “Tsunami Analysis Hackathon Theme 1”. Journal of Disaster Research, 2021, 16, 978-993.	0.4	4
20	Ion Tail Disturbance of Comet C/Hyakutake 1996B2 Observed around the Closest Approach to the Earth. Publication of the Astronomical Society of Japan, 1996, 48, L83-L86.	1.0	3
21	Observations of C <sub>2</sub> Molecules in the Coma of Comets at Mitaka. Earth, Moon and Planets, 1997, 78, 143-148.	0.3	3
22	Variation analysis of multiple tsunami inundation models. Coastal Engineering Journal, 2022, 64, 344-371.	0.7	3
23	Wide Field Imaging of Ion Tail of Comet C/Hale-Bopp. Earth, Moon and Planets, 1997, 77, 265-269.	0.3	2
24	A Deep Sky Survey of Edgeworth Kuiper Belt Objects with an Improved Shift-and-Add Method. Publication of the Astronomical Society of Japan, 2008, 60, 285-291.	1.0	2
25	Field Sensor Virtual Organization Integrated with Satellite Data on a Geo Grid. Data Science Journal, 2010, 8, IGY21-IGY31.	0.6	2
26	Observations of the Dust Cloud in Comet Hale-Bopp on 11 May 1997. Earth, Moon and Planets, 1997, 78, 229-233.	0.3	1
27	VO-enabled Service Harmonization in the GEO Grid. , 2008, , .		0
28	TSUNAMI ARRIVAL TIME CALCULATION IN CONSTRUCTION OF TSUNAMI SCENARIO BANK AND INFLUENCED BY TSUNAMI INUNDATION CALCULATION WITH DIFFERENCES OF PROTECTIVE FACILITY. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2019, 75, I_379-I_384.	0.0	0