

Takashi Chiba

List of Publications by Year in descending order

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17
papers

163
citations

1307594

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1125743

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all docs

17
docs citations

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times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstruction of Lake Balkhash levels and precipitation/evaporation changes during the last 2000 years from fossil diatom assemblages. <i>Quaternary International</i> , 2016, 397, 330-341.	1.5	31
2	Erosion of a paleo-tsunami record by the 2011 Tohoku-oki tsunami along the southern Sendai Plain. <i>Marine Geology</i> , 2015, 369, 127-136.	2.1	25
3	Development of Drone-Mounted Multiple Sensing System with Advanced Mobility for In Situ Atmospheric Measurement: A Case Study Focusing on PM2.5 Local Distribution. <i>Sensors</i> , 2021, 21, 4881.	3.8	24
4	Reconstruction of Holocene relative sea-level change and residual uplift in the Lake Inba area, Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 982-996.	2.3	20
5	Salinity responses of benthic diatoms inhabiting tidal flats. <i>Diatom Research</i> , 2017, 32, 243-250.	1.2	16
6	Measuring Regional Atmospheric CO ₂ Concentrations in the Lower Troposphere with a Non-Dispersive Infrared Analyzer Mounted on a UAV, Ogata Village, Akita, Japan. <i>Atmosphere</i> , 2019, 10, 487.	2.3	16
7	Effect of sedimentary facies and geological properties on thermal conductivity of Pleistocene volcanic sediments in Tokyo, central Japan. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 191-203.	3.5	7
8	Depositional processes of the storm surge deposits due to Typhoon 1523 in Horokayanto, Hokkaido, Japan. <i>The Quaternary Research</i> , 2018, 57, 53-63.	0.1	5
9	Size distribution of diatom frustules and sedimentary process of dead diatoms in a tidal zone. <i>The Quaternary Research</i> , 2012, 50, 279-293.	0.1	4
10	Influences of Salinity and Organic Compounds on Embryo Development in Three Medaka <i>Oryzias Congeners</i> with Habitats Ranging from Freshwater to Marine. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 411-415.	2.7	4
11	Redeposition of volcanoclastic sediments by a tsunami 4600 years ago at Kushima City, southeastern Kyushu, Japan. <i>Sedimentology</i> , 2020, 67, 1354-1372.	3.1	3
12	Crustal subsidence inferred from reconstruction of the Pleistocene-Holocene palaeogeography in the northern Lake Inba area, central Japan. <i>Quaternary Research</i> , 2020, 94, 61-79.	1.7	2
13	Distinguishing reworked diatoms derived from Neogene marine strata in modern coastal assemblages for understanding taphonomic processes and reconstructing Holocene paleoenvironments in the Tokachi coastal area, Hokkaido, Japan. <i>Marine Micropaleontology</i> , 2021, 164, 101970.	1.2	2
14	Recurrence of intraplate earthquakes inferred from tsunami deposits during the past 7300 years in Beppu Bay, southwest Japan. <i>Quaternary Science Reviews</i> , 2021, 259, 106901.	3.0	2
15	Using Diatom Assemblages to Infer Topographical Changes from Storm-Induced Sandbar Breaching in Horokayanto Lagoon, Hokkaido, Japan. <i>Journal of Coastal Research</i> , 2020, 36, 720.	0.3	1
16	Prototype Development of Drone System Used for In-situ Measurement of CO ₂ Vertical Profile and Its Preliminary Flight Test. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2020, 56, 37-44.	0.2	1
17	<i>Nitzschia taikiensis</i> sp. nov. (Bacillariophyta) – a new brackish diatom from the Toberi River marsh in the eastern Hokkaido, Japan. <i>Biodiversity Research and Conservation</i> , 2020, 57, 1-12.	0.3	0