

Jun Inoue

List of Publications by Year in descending order

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29
papers

1,068
citations

840776

11
h-index

526287

27
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30
all docs

30
docs citations

30
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
2	Predictability of biomass burning in response to climate changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	201
3	The Use of Size Distributions of Spheroidal Carbonaceous Particles in Swimming Pool Deposits for Evaluating Atmospheric Particle Behaviour. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	24
4	Long-term fire activity under the East Asian monsoon responding to spring insolation, vegetation type, global climate, and human impact inferred from charcoal records in Lake Biwa sediments in central Japan. <i>Quaternary Science Reviews</i> , 2018, 179, 59-68.	3.0	24
5	Depositional records of plutonium and ¹³⁷ Cs released from Nagasaki atomic bomb in sediment of Nishiyama reservoir at Nagasaki. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 211-217.	1.7	23
6	Characteristic Differences in the Chemical Composition of Spheroidal Carbonaceous Particles in Japanese and Chinese Cities. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4761-4767.	2.4	23
7	Disappearance and alteration process of charcoal fragments in cumulative soils studied using Raman spectroscopy. <i>Geoderma</i> , 2017, 285, 164-172.	5.1	22
8	The relationship between past vegetation type and fire frequency in western Japan inferred from phytolith and charcoal records in cumulative soils. <i>Quaternary International</i> , 2016, 397, 513-522.	1.5	21
9	Vegetation history during the last 17,000 years around Sonenuma Swamp in the eastern shore area of Lake Biwa, western Japan: With special reference to changes in species composition of <i>Quercus</i> subgenus <i>Lepidobalanus</i> trees based on SEM pollen morphology. <i>Quaternary International</i> , 2012, 254, 99-106.	1.5	19
10	Reconstruction of Fire History during the Last 130ka by Analysis of Microscopic Charcoal in Lake Biwa Sediment.. <i>The Quaternary Research</i> , 2001, 40, 97-104.	0.1	16
11	Holocene history of intentional fires and grassland development on the Soni Plateau, Central Japan, reconstructed from phytolith and macroscopic charcoal records within cumulative soils, combined with paleoenvironmental data from mire sediments. <i>Holocene</i> , 2012, 22, 793-800.	1.7	12
12	Chemical characteristics of Northeast Asian fly ash particles: Implications for their long-range transportation. <i>Atmospheric Environment</i> , 2014, 95, 375-382.	4.1	12
13	A 7500-year history of intentional fires and changing vegetation on the Soni Plateau, Central Japan, reconstructed from macroscopic charcoal and pollen records within mire sediment. <i>Quaternary International</i> , 2012, 254, 12-17.	1.5	11
14	The Reading Palaeofire Database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. <i>Earth System Science Data</i> , 2022, 14, 1109-1124.	9.9	9
15	Comparison of the reflectances of black plant fragments in melanic Andisols with those of fresh charcoal from modern fires. <i>Soil Science and Plant Nutrition</i> , 2009, 55, 358-362.	1.9	8
16	Relationship between surface morphology and chemical composition of spheroidal carbonaceous particles within sediment core samples recovered from Osaka Bay, Japan. <i>Environmental Earth Sciences</i> , 2010, 59, 1723-1729.	2.7	8
17	The spatial and temporal distributions of spheroidal carbonaceous particles from sediment core samples from industrial cities in Japan and China. <i>Environmental Earth Sciences</i> , 2011, 64, 833-840.	2.7	8
18	Long-term response of respective grass types to variations in fire frequency in central Japan, inferred from phytolith and macrocharcoal records in cumulative soils deposited during the Holocene. <i>Quaternary International</i> , 2019, 527, 94-102.	1.5	6

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19	The fossil fuel combustion and fire history in Osaka city by analyzing spheroidal carbonaceous particles (SCPs) and charcoal of the Osaka Castle moat sediments. Journal of the Geological Society of Japan, 2004, 110, 11-18.	0.6	5
20	History of Fossil Fuel Combustion during the Last 100 Years in and around Osaka City, Japan: Changes of the Spheroidal Carbonaceous Particles (SCPs) Recorded in a Moat and in Pond Sediments. The Quaternary Research, 2004, 43, 265-274.	0.1	5
21	Elemental compositions and sizes of carbonaceous fly ash particles from atmospheric deposition collected at Cape Hedo, Okinawa, Japan: Implications for their long-range transportation and source region variation. Atmospheric Pollution Research, 2020, 11, 393-400.	3.8	4
22	Research on Blank Plant Particles in Ando-soils Distributed around Lake Biwa, Central Japan, with a New Avenue of Research on Charcoal Particles in Ando-soils. The Quaternary Research, 2005, 44, 289-296.	0.1	4
23	Phytoliths as an indicator of change in vegetation related to the huge volcanic eruption at 7.3 ka in the southernmost part of Kyushu, southern Japan. Holocene, 2021, 31, 709-719.	1.7	3
24	Postglacial anthropogenic fires related to cultural changes in central Japan, inferred from sedimentary charcoal records spanning glacialâ€“interglacial cycles. Journal of Quaternary Science, 2021, 36, 628-637.	2.1	3
25	The record of sedimentary spheroidal carbonaceous particles (SCPs) in Beppu Bay, southern Japan, compared to historical trends of industrial activity and atmospheric pollution: Further evidence for SCPs as a marker for Anthropocene industrialization. Infrastructure Asset Management, 0, , 205301962210765.	1.6	2
26	Vegetation transition from the terminal Pleistocene to early Holocene reconstructed from phytolith records in the southernmost part of mainland Japan. Review of Palaeobotany and Palynology, 2022, 303, 104681.	1.5	2
27	Postglacial human activity recorded as combustion remains in sediments. The Quaternary Research, 2010, 49, 173-180.	0.1	1
28	Source and Accumulation of Soil Carbon along Catena Toposequences over 12,000 Years in Three Semi-Natural Miscanthus sinensis Grasslands in Japan. Agriculture (Switzerland), 2022, 12, 88.	3.1	1
29	Spheroidal carbonaceous particles (SCPs): their characteristic and application to environmental geology. Journal of the Geological Society of Japan, 2014, 120, 287-298.	0.6	0