

# Ryuji Tada

## List of Publications by Year in descending order

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56  
papers

2,784  
citations

186265

28  
h-index

175258

52  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Land-ocean linkages over orbital and millennial timescales recorded in Late Quaternary sediments of the Japan Sea. <i>Paleoceanography</i> , 1999, 14, 236-247.	3.0	353
2	Pre-Miocene birth of the Yangtze River. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7556-7561.	7.1	235
3	Paleoceanographic evolution of the Japan Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 108, 487-508.	2.3	214
4	Late Oligocene–early Miocene birth of the Taklimakan Desert. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7662-7667.	7.1	158
5	Millennial-scale oscillations of the westerly jet path during the last glacial period. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 1214-1220.	2.3	137
6	Tracing the provenance of fine-grained dust deposited on the central Chinese Loess Plateau. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	132
7	Variations of East Asian summer monsoon since the last deglaciation based on Mg/Ca and oxygen isotope of planktic foraminifera in the northern East China Sea. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	109
8	Orbital-scale stratigraphy and high-resolution analysis of biogenic components and deep-water oxygenation conditions in the Japan Sea during the last 640 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 32-49.	2.3	99
9	Rapid and quantitative major element analysis method for wet fine-grained sediments using an XRF microscanner. <i>Marine Geology</i> , 2006, 229, 209-225.	2.1	87
10	Sediment fabrics, oxygenation history, and circulation modes of Japan Sea during the Late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 50-64.	2.3	79
11	Quantification of aeolian dust (Kosa) contribution to the Japan Sea sediments and its variation during the last 200 ky.. <i>Geochemical Journal</i> , 2000, 34, 59-93.	1.0	68
12	Distinguishing the sources of Asian dust based on electron spin resonance signal intensity and crystallinity of quartz. <i>Atmospheric Environment</i> , 2007, 41, 8537-8548.	4.1	63
13	Westerly jet–East Asian summer monsoon connection during the Holocene. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5041-5053.	2.5	56
14	High-resolution and high-precision correlation of dark and light layers in the Quaternary hemipelagic sediments of the Japan Sea recovered during IODP Expedition 346. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	55
15	Contribution of aeolian dust in Japan Sea sediments estimated from ESR signal intensity and crystallinity of quartz. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	51
16	Abrupt changes of intermediate water properties on the northeastern slope of the Bering Sea during the last glacial and deglacial period. <i>Paleoceanography</i> , 2012, 27, .	3.0	50
17	Integrated tephrostratigraphy and stable isotope stratigraphy in the Japan Sea and East China Sea using IODP Sites U1426, U1427, and U1429, Expedition 346 Asian Monsoon. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	47
18	ESR signal intensity and crystallinity of quartz from Gobi and sandy deserts in East Asia and implication for tracing Asian dust provenance. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2615-2627.	2.5	46

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19	Astronomical pacing of the global silica cycle recorded in Mesozoic bedded cherts. <i>Nature Communications</i> , 2017, 8, 15532.	12.8	46
20	Late Pleistocene stratigraphy and palaeoceanographic implications in northern Bering Sea slope sediments: evidence from the radiolarian species <i>Cycladophora davisiana</i> . <i>Journal of Quaternary Science</i> , 2009, 24, 856-865.	2.1	42
21	'Thailand was a desert' during the mid-Cretaceous: Equatorward shift of the subtropical high-pressure belt indicated by eolian deposits (Phu Thok Formation) in the Khorat Basin, northeastern Thailand. <i>Island Arc</i> , 2010, 19, 605-621.	1.1	41
22	Evidence for ocean water invasion into the Chicxulub crater at the Cretaceous/Tertiary boundary. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1233-1247.	1.6	34
23	Centennial-scale winter monsoon variability in the northern East China Sea during the Holocene. <i>Journal of Quaternary Science</i> , 2012, 27, 956-963.	2.1	33
24	East Asian Monsoon History and Paleoceanography of the Japan Sea Over the Last 460,000 Years. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 683-702.	2.9	33
25	Cenozoic sediments in the southern Tarim Basin: implications for the uplift of northern Tibet and evolution of the Taklimakan Desert. <i>Geological Society Special Publication</i> , 2010, 342, 67-78.	1.3	31
26	Distribution of glycerol dialkyl glycerol tetraethers, alkenones and polyunsaturated fatty acids in suspended particulate organic matter in the East China Sea. <i>Journal of Oceanography</i> , 2012, 68, 959-970.	1.7	31
27	Dust influx reconstruction during the last 26,000 years inferred from a sedimentary leaf wax record from the Japan Sea. <i>Global and Planetary Change</i> , 2006, 54, 239-250.	3.5	30
28	Distinct control mechanism of fine-grained sediments from Yellow River and Kiyushu supply in the northern Okinawa Trough since the last glacial. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2949-2969.	2.5	30
29	Provenance, sea-level and monsoon climate controls on silicate weathering of Yellow River sediment in the northern Okinawa Trough during late last glaciation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 227-239.	2.3	29
30	High-resolution Quaternary record of marine organic carbon content in the hemipelagic sediments of the Japan Sea from bromine counts measured by XRF core scanner. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	28
31	Onset and evolution of millennial-scale variability in the Asian monsoon and its impact on paleoceanography of the Japan Sea. <i>Geophysical Monograph Series</i> , 2004, , 283-298.	0.1	27
32	High-Resolution Rapid Elemental Analysis Using an XRF Microscanner. <i>Journal of Sedimentary Research</i> , 2003, 73, 824-829.	1.6	26
33	Detection of light-absorbing iron oxide particles using a modified single-particle soot photometer. <i>Aerosol Science and Technology</i> , 2016, 50, 1-4.	3.1	24
34	Evidence for ocean water invasion into the Chicxulub crater at the Cretaceous/Tertiary boundary. <i>Meteoritics and Planetary Science</i> , 2004, 39, 1233-1247.	1.6	23
35	Paleotemperature response to monsoon activity in the Japan Sea during the last 160kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 350-360.	2.3	23
36	Provenance fluctuations of aeolian deposits on the Chinese Loess Plateau since the Miocene. <i>Aeolian Research</i> , 2015, 18, 1-9.	2.7	22

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37	An intensified East Asian winter monsoon in the Japan Sea between 7.9 and 6.6 Ma. <i>Geology</i> , 2020, 48, 919-923.	4.4	17
38	Correlation of TL layers for the synchronous paleoceanographic events in the East Sea (Sea of Japan) during the Late Quaternary. <i>Geosciences Journal</i> , 2009, 13, 113-120.	1.2	16
39	Intercomparison of XRF Core Scanning Results From Seven Labs and Approaches to Practical Calibration. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009248.	2.5	16
40	High-resolution lithostratigraphy and organic carbon isotope stratigraphy of the Lower Triassic pelagic sequence in central Japan. <i>Island Arc</i> , 2012, 21, 79-100.	1.1	15
41	Aeolian delivery to Ulleung Basin, Korea (Japan Sea), during development of the East Asian Monsoon through the last 12 Ma. <i>Geological Magazine</i> , 2020, 157, 806-817.	1.5	15
42	Reply to Sun et al <i>.: Confirming the evidence for Late Oligocene~Early Miocene birth of the Taklimakan Desert. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5558-9.	7.1	14
43	Intensity Variation in the Asian Monsoon and the Westerly during the Last 140 kyr Deduced from Grain Size Analysis of Japan Sea Sediments. <i>The Quaternary Research</i> , 2004, 43, 85-97.	0.1	14
44	Miocene Volcaniclastic Sequence Within the Xiyu Formation from Source to Sink: Implications for Drainage Development and Tectonic Evolution in Eastern Pamir, NW Tibetan Plateau. <i>Tectonics</i> , 2018, 37, 3261-3284.	2.8	11
45	Monsoon evolution and tectonics-climate linkage in Asia: an introduction. <i>Geological Society Special Publication</i> , 2010, 342, 1-4.	1.3	10
46	Paleoceanographic evolution of the Japan Sea over the last 460 kyr – A coccolithophore perspective. <i>Marine Micropaleontology</i> , 2019, 152, 101720.	1.2	10
47	Orbital-scale vegetation-ocean-atmosphere linkages in western Japan during the last 550 ka based on a pollen record from the IODP site U1427 in the Japan Sea. <i>Quaternary Science Reviews</i> , 2021, 267, 107103.	3.0	9
48	Anomalous negative excursion of carbon isotope in organic carbon after the last Paleoproterozoic glaciation in North America. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	7
49	Links between iron supply from Asian dust and marine productivity in the Japan Sea since four million years ago. <i>Geological Magazine</i> , 2020, 157, 818-828.	1.5	6
50	PDF orientations in shocked quartz grains around the Chicxulub crater. <i>Meteoritics and Planetary Science</i> , 2008, 43, 745-760.	1.6	5
51	Climatically Driven Changes in the Supply of Terrigenous Sediment to the East China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2463-2477.	2.5	4
52	Origin of aeolian dust emitted from the Tarim Basin based on the ESR signal intensity and crystallinity index of quartz: the recycling system of fine detrital material within the basin. <i>Geological Magazine</i> , 2020, 157, 707-718.	1.5	3
53	High-resolution seismic stratigraphy of the Yamato Basin, Japan Sea and its geological application. <i>Island Arc</i> , 2002, 11, 61-78.	1.1	2
54	Relationship between tectonism and desertification inferred from provenance and lithofacies changes in the Cenozoic terrestrial sequence of the southwestern Tarim Basin. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	1

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55	Global monsoon and ocean drilling. <i>Scientific Drilling</i> , 0, 24, 87-91.	0.6	1
56	Late Cenozoic Eolian Sediments in North China. <i>Journal of the Geological Society of Japan</i> , 2005, 111, XXII-XXII.	0.6	0