

# Yuhji Yamamoto

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

1,308  
citations

19  
h-index

33  
g-index

87  
ext. papers

1,588  
ext. citations

3.7  
avg. IF

4.2  
L-index

#	Paper	IF	Citations
79	Eocene relative paleointensity of the geomagnetic field from Integrated Ocean Drilling Program Site U1403 and U1408 sediments in the northwest Atlantic. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 584, 117518	5.3	
78	High spatial resolution magnetic mapping using ultra-high sensitivity scanning SQUID microscopy on a speleothem from the Kingdom of Tonga, southern Pacific. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	3
77	High-resolution palaeomagnetic results of Ethiopian trap series from Lima Limo section: implications for the Oligocene geomagnetic field behaviour and timing of volcanism. <i>Geophysical Journal International</i> , <b>2021</b> , 225, 311-328	2.6	1
76	A tephra-based approach to calibrating relative geomagnetic paleointensity stacks to absolute values. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 572, 117119	5.3	2
75	Construction of new archaeointensity reference curve for East Asia from 200[CE to 1100[CE. <i>Physics of the Earth and Planetary Interiors</i> , <b>2021</b> , 310, 106596	2.3	1
74	Paleomagnetism, paleointensity and geochronology of a Proterozoic dolerite dyke from southern West Greenland. <i>Journal of Geodynamics</i> , <b>2020</b> , 139, 101752	2.2	1
73	A Method for Core Reorientation Based on Rock Remanent Magnetization: Application to Hemipelagic Sedimentary Soft Rock. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , <b>2020</b> , 69, 256-262	0.1	
72	A Method for Core Reorientation Based on Rock Remanent Magnetization: Application to Hemipelagic Sedimentary Soft Rock. <i>Materials Transactions</i> , <b>2020</b> , 61, 1638-1644	1.3	3
71	Geomagnetic Paleointensity Around 30[Ma Estimated From Afro-Arabian Large Igneous Province. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2020</b> , 21, e2020GC009341	3.6	2
70	Development of scanning SQUID microscope system and its applications on geological samples: A case study on marine ferromanganese crust. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1590, 012037	0.3	2
69	Provenance of submerged stone pillars in an earthquake and typhoon hazard zone, coastal Tosashimizu, southwest Japan: A multidisciplinary geological approach. <i>Marine Geology</i> , <b>2019</b> , 415, 105962	2.3	1
68	Paleomagnetic study of basaltic rocks from Baengnyeong Island, Korea: efficiency of the Tsunakawa-Bhaw paleointensity determination on non-SD-bearing materials and implication for the early Pliocene geomagnetic field intensity. <i>Earth, Planets and Space</i> , <b>2019</b> , 71,	2.9	2
67	The Early to Middle Eocene Transition: An Integrated Calcareous Nannofossil and Stable Isotope Record From the Northwest Atlantic Ocean (Integrated Ocean Drilling Program Site U1410). <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 1913-1930	3.3	10
66	Towards a robust and consistent middle Eocene astronomical timescale. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 486, 94-107	5.3	40
65	Paleointensity Study on the Holocene Surface Lavas on the Island of Hawaii Using the Tsunakawa-Bhaw Method. <i>Frontiers in Earth Science</i> , <b>2018</b> , 6,	3.5	3
64	Archeointensity estimates of a tenth-century kiln: first application of the Tsunakawa-Bhaw paleointensity method to archeological relics. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	4
63	An initial case study to deconvolve natural remanent magnetization of a continuous paleomagnetic sample using the software UDECON. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	1

62	Paleomagnetic studies on single crystals separated from the middle Cretaceous Iritono granite. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	1
61	Relative Paleointensity and Inclination Anomaly Over the Last 8 Myr Obtained From the Integrated Ocean Drilling Program Site U1335 Sediments in the Eastern Equatorial Pacific. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2018</b> , 123, 7305-7320	3.6	11
60	Constraints on the Source of the Martian Magnetic Anomalies Inferred From Relaxation Time of Remanent Magnetization. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 6417-6427	4.9	4
59	Scanning SQUID microscopy of a ferromanganese crust from the northwestern Pacific: Submillimeter scale magnetostratigraphy as a new tool for age determination and mapping of environmental magnetic parameters. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 5360-5367	4.9	14
58	Stress State in the Kumano Basin and in Slope Sediment Determined From Anelastic Strain Recovery: Results From IODP Expedition 338 to the Nankai Trough. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 3608-3616	3.6	3
57	Paleomagnetic study of ferromanganese crusts recovered from the northwest Pacific ¶Testing the applicability of the magnetostratigraphic method to estimate growth rate. <i>Ore Geology Reviews</i> , <b>2017</b> , 87, 16-24	3.2	11
56	Bulk magnetic domain stability controls paleointensity fidelity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 13120-13125	11.5	15
55	Recent progress on rock and paleomagnetism by means of deepsea drilling. <i>Journal of the Geological Society of Japan</i> , <b>2017</b> , 123, 251-264	0.6	
54	Hydrostatic pressure effect on magnetic hysteresis parameters of pseudo-single-domain magnetite. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 2825-2834	3.6	6
53	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of Japan. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 4383-4398	3.6	19
52	Volcanic ash in bare ice south of Sør Rondane Mountains, Antarctica: geochemistry, rock magnetism and nondestructive magnetic detection with SQUID gradiometer. <i>Earth, Planets and Space</i> , <b>2016</b> , 68,	2.9	4
51	Palaeointensities from Pliocene lava sequences in Iceland: emphasis on the problem of Arai plot with two linear segments. <i>Geophysical Journal International</i> , <b>2016</b> , 205, 694-714	2.6	6
50	Low geomagnetic field intensity in the Matuyama Chron: palaeomagnetic study of a lava sequence from Afar depression, East Africa. <i>Geophysical Journal International</i> , <b>2016</b> , 204, 127-146	2.6	11
49	Toward robust deconvolution of pass-through paleomagnetic measurements: new tool to estimate magnetometer sensor response and laser interferometry of sample positioning accuracy. <i>Earth, Planets and Space</i> , <b>2016</b> , 68,	2.9	9
48	Scanning SQUID microscope system for geological samples: system integration and initial evaluation. <i>Earth, Planets and Space</i> , <b>2016</b> , 68,	2.9	20
47	Pressure effect on magnetic hysteresis parameters of single-domain magnetite contained in natural plagioclase crystal. <i>Geophysical Journal International</i> , <b>2015</b> , 202, 394-401	2.6	5
46	Intact preservation of environmental samples by freezing under an alternating magnetic field. <i>Environmental Microbiology Reports</i> , <b>2015</b> , 7, 243-51	3.7	17
45	Archeointensity study on baked clay samples taken from the reconstructed ancient kiln: implication for validity of the Tsunakawa-Shaw paleointensity method. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	12

44	Rock-magnetic properties of single zircon crystals sampled from the Tanzawa tonalitic pluton, central Japan. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	16
43	Microscopic observation of titanomagnetite grains during palaeointensity experiments of volcanic rocks. <i>Geophysical Journal International</i> , <b>2014</b> , 196, 145-159	2.6	4
42	Paleointensity of the geomagnetic field in the Late Cretaceous and earliest Paleogene obtained from drill cores of the Louisville seamount trail. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2014</b> , 15, 2454-2466	2.6	8
41	Hydrostatic pressure effect on magnetic hysteresis parameters of multidomain magnetite: Implication for crustal magnetization. <i>Physics of the Earth and Planetary Interiors</i> , <b>2014</b> , 233, 33-40	2.3	3
40	Palaeomagnetic study of IODP Sites U1331 and U1332 in the equatorial Pacific--extending relative geomagnetic palaeointensity observations through the Oligocene and into the Eocene. <i>Geophysical Journal International</i> , <b>2014</b> , 196, 694-711	2.6	10
39	Expedition 342 summary. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , <b>2014</b> ,		9
38	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. <i>Quaternary Science Reviews</i> , <b>2013</b> , 77, 167-180	3.9	54
37	Oligocene-Miocene magnetostratigraphy of deep-sea sediments from the equatorial Pacific (IODP Site U1333). <i>Geological Society Special Publication</i> , <b>2013</b> , 373, 13-27	1.7	10
36	A middle Miocene relative paleointensity record from the Equatorial Pacific. <i>Earth and Planetary Science Letters</i> , <b>2013</b> , 374, 227-238	5.3	22
35	Multi-level consistency tests in paleointensity determinations from the welded tuffs of the Aso pyroclastic-flow deposits. <i>Physics of the Earth and Planetary Interiors</i> , <b>2013</b> , 223, 40-54	2.3	11
34	Stress states at the subduction input site, Nankai Subduction Zone, using anelastic strain recovery (ASR) data in the basement basalt and overlying sediments. <i>Tectonophysics</i> , <b>2013</b> , 600, 91-98	3.1	13
33	Magnetostratigraphic results from sedimentary rocks of IODP's Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) Expedition 322. <i>Geological Society Special Publication</i> , <b>2013</b> , 373, 191-243	1.7	5
32	Low-temperature magnetic properties of pelagic carbonates: Oxidation of biogenic magnetite and identification of magnetosome chains. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2013</b> , 118, 6049-6065	3.6	42
31	Rock-magnetic artifacts on long-term relative paleointensity variations in sediments. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 29-43	3.6	30
30	Oligocene-Miocene magnetic stratigraphy carried by biogenic magnetite at sites U1334 and U1335 (equatorial Pacific Ocean). <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 265-282	3.6	26
29	A Cenozoic record of the equatorial Pacific carbonate compensation depth. <i>Nature</i> , <b>2012</b> , 488, 609-14	50.4	241
28	Pressure effect on low-temperature remanence of multidomain magnetite: Change in demagnetization temperature. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	4
27	Towards the robust selection of Thellier-type paleointensity data: The influence of experimental noise. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13,	3.6	15

26	Geomagnetic paleointensity deduced for the last 300kyr from Unzen Volcano, Japan, and the dipolar nature of the Iceland Basin excursion. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 293, 236-249	5.3	24
25	Paleointensity study of the middle Cretaceous Iritono granite in northeast Japan: Implication for high field intensity of the Cretaceous normal superchron. <i>Physics of the Earth and Planetary Interiors</i> , <b>2009</b> , 176, 235-242	2.3	10
24	Anelastic strain recovery reveals extension across SW Japan subduction zone. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	62
23	Paleomagnetic and rock magnetic studies of the Sakurajima 1914 and 1946 andesitic lavas from Japan: A comparison of the LTD-DHT Shaw and Thellier paleointensity methods. <i>Physics of the Earth and Planetary Interiors</i> , <b>2008</b> , 167, 118-143	2.3	26
22	Development of the microwave LTD-DHT Shaw method for absolute paleointensity determination. <i>Physics of the Earth and Planetary Interiors</i> , <b>2008</b> , 170, 15-23	2.3	3
21	Paleomagnetism of the Datong monogenetic volcanoes in China: paleodirection and paleointensity during the middle to early Brunhes Chron. <i>Earth, Planets and Space</i> , <b>2007</b> , 59, 727-746	2.9	14
20	New K-Ar ages of the Society Islands, French Polynesia, and implications for the Society hotspot feature. <i>Earth, Planets and Space</i> , <b>2007</b> , 59, 879-885	2.9	16
19	Relative paleointensity stack during the last 250 kyr in the northwest Pacific. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		27
18	<sup>40</sup> Ar/ <sup>39</sup> Ar ages and palaeomagnetism of transitionally magnetized volcanic rocks in the Society Islands, French Polynesia: Raiatea excursion in the upper-Gauss Chron. <i>Geophysical Journal International</i> , <b>2007</b> , 169, 41-59	2.6	13
17	Palaeomagnetism of the Older Ontake Volcano, Japan: contributions to the palaeosecular variation for 750-400 Ka, the lower half of the Brunhes Chron. <i>Geophysical Journal International</i> , <b>2007</b> , 169, 81-90	2.6	10
16	Possible TCRM acquisition of the Kilauea 1960 lava, Hawaii: failure of the Thellier paleointensity determination inferred from equilibrium temperature of the Fe <sub>3</sub> O <sub>4</sub> oxide. <i>Earth, Planets and Space</i> , <b>2006</b> , 58, 1033-1044	2.9	24
15	Paleomagnetism of the middle Cretaceous Iritono granite in the Abukuma region, northeast Japan. <i>Tectonophysics</i> , <b>2006</b> , 421, 161-171	3.1	12
14	Validity of the LTD-DHT Shaw and Thellier palaeointensity methods: a case study of the Kilauea 1970 lava. <i>Physics of the Earth and Planetary Interiors</i> , <b>2005</b> , 149, 243-257	2.3	34
13	Geomagnetic field intensity during the last 5 Myr: LTD-DHT Shaw palaeointensities from volcanic rocks of the Society Islands, French Polynesia. <i>Geophysical Journal International</i> , <b>2005</b> , 162, 79-114	2.6	45
12	Palaeointensity study of the Oshima 1986 lava in Japan: implications for the reliability of the Thellier and LTD-DHT Shaw methods. <i>Physics of the Earth and Planetary Interiors</i> , <b>2004</b> , 146, 395-416	2.3	41
11	Palaeointensity study of the Hawaiian 1960 lava: implications for possible causes of erroneously high intensities. <i>Geophysical Journal International</i> , <b>2003</b> , 153, 263-276	2.6	107
10	Geomagnetic paleosecular variation for the past 5 Ma in the Society Islands, French Polynesia. <i>Earth, Planets and Space</i> , <b>2002</b> , 54, 797-802	2.9	21
9	Revised composite depth scales and integration of IODP Sites U1331?U1334 and ODP Sites 1218?1220. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> ,		24

8	Site U1403. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	3
7	Site U1404. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	7
6	Site U1406. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	5
5	Site U1407. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	1
4	Site U1409. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	3
3	Data report: updated magnetostratigraphy for IODP Sites U1403, U1408, U1409, and U1410. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	2
2	Site U1405. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	4
1	Site U1408. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program,</i>	1