Yuhji Yamamoto

List of Publications by Citations

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	A Cenozoic record of the equatorial Pacific carbonate compensation depth. *Nature*, **2012**, 488, 609-14	50.4	241
78	Palaeointensity study of the Hawaiian 1960 lava: implications for possible causes of erroneously high intensities. *Geophysical Journal International*, **2003**, 153, 263-276	2.6	107
77	Anelastic strain recovery reveals extension across SW Japan subduction zone. *Geophysical Research Letters*, **2009**, 36,	4.9	62
76	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. *Quaternary Science Reviews*, **2013**, 77, 167-180	3.9	54
75	Geomagnetic field intensity during the last 5 Myr: LTD-DHT Shaw palaeointensities from volcanic rocks of the Society Islands, French Polynesia. *Geophysical Journal International*, **2005**, 162, 79-114	2.6	45
74	Low-temperature magnetic properties of pelagic carbonates: Oxidation of biogenic magnetite and identification of magnetosome chains. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 6049-6065	3.6	42
73	Palaeointensity study of the Oshima 1986 lava in Japan: implications for the reliability of the Thellier and LTD-DHT Shaw methods. *Physics of the Earth and Planetary Interiors*, **2004**, 146, 395-416	2.3	41
72	Towards a robust and consistent middle Eocene astronomical timescale. *Earth and Planetary Science Letters*, **2018**, 486, 94-107	5.3	40
71	Validity of the LTD-DHT Shaw and Thellier palaeointensity methods: a case study of the Kilauea 1970 lava. *Physics of the Earth and Planetary Interiors*, **2005**, 149, 243-257	2.3	34
70	Rock-magnetic artifacts on long-term relative paleointensity variations in sediments. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 29-43	3.6	30
69	Relative paleointensity stack during the last 250 kyr in the northwest Pacific. *Journal of Geophysical Research*, **2007**, 112,		27
68	Oligocene-Miocene magnetic stratigraphy carried by biogenic magnetite at sites U1334 and U1335 (equatorial Pacific Ocean). *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 265-282	3.6	26
67	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. *Physics of the Earth and Planetary Interiors*, **2008**, 167, 118-143	2.3	26
66	Geomagnetic paleointensity deduced for the last 300kyr from Unzen Volcano, Japan, and the dipolar nature of the Iceland Basin excursion. *Earth and Planetary Science Letters*, **2010**, 293, 236-249	5.3	24
65	Possible TCRM acquisition of the Kilauea 1960 lava, Hawaii: failure of the Thellier paleointensity determination inferred from equilibrium temperature of the Fe□i oxide. *Earth, Planets and Space*, **2006**, 58, 1033-1044	2.9	24
64	Revised composite depth scales and integration of IODP Sites U1331?U1334 and ODP Sites 1218?1220. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		24
63	A middle Miocene relative paleointensity record from the Equatorial Pacific. *Earth and Planetary Science Letters*, **2013**, 374, 227-238	5.3	22

62	Geomagnetic paleosecular variation for the past 5 Ma in the Society Islands, French Polynesia. *Earth, Planets and Space*, **2002**, 54, 797-802	2.9	21
61	Scanning SQUID microscope system for geological samples: system integration and initial evaluation. *Earth, Planets and Space*, **2016**, 68,	2.9	20
60	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of Japan. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 4383-4398	3.6	19
59	Intact preservation of environmental samples by freezing under an alternating magnetic field. *Environmental Microbiology Reports*, **2015**, 7, 243-51	3.7	17
58	Rock-magnetic properties of single zircon crystals sampled from the Tanzawa tonalitic pluton, central Japan. *Earth, Planets and Space*, **2015**, 67,	2.9	16
57	New K-Ar ages of the Society Islands, French Polynesia, and implications for the Society hotspot feature. *Earth, Planets and Space*, **2007**, 59, 879-885	2.9	16
56	Bulk magnetic domain stability controls paleointensity fidelity. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 13120-13125	11.5	15
55	Towards the robust selection of Thellier-type paleointensity data: The influence of experimental noise. *Geochemistry, Geophysics, Geosystems*, **2012**, 13,	3.6	15
54	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. *Geophysical Research Letters*, **2017**, 44, 5360-5367	4.9	14
53	Paleomagnetism of the Datong monogenetic volcanoes in China: paleodirection and paleointensity during the middle to early Brunhes Chron. *Earth, Planets and Space*, **2007**, 59, 727-746	2.9	14
52	Stress states at the subduction input site, Nankai Subduction Zone, using anelastic strain recovery (ASR) data in the basement basalt and overlying sediments. *Tectonophysics*, **2013**, 600, 91-98	3.1	13
51	40Ar/39Ar ages and palaeomagnetism of transitionally magnetized volcanic rocks in the Society Islands, French Polynesia: Raiatea excursion in the upper-Gauss Chron. *Geophysical Journal International*, **2007**, 169, 41-59	2.6	13
50	Archeointensity study on baked clay samples taken from the reconstructed ancient kiln: implication for validity of the Tsunakawa-Shaw paleointensity method. *Earth, Planets and Space*, **2015**, 67,	2.9	12
49	Paleomagnetism of the middle Cretaceous Iritono granite in the Abukuma region, northeast Japan. *Tectonophysics*, **2006**, 421, 161-171	3.1	12
48	Low geomagnetic field intensity in the Matuyama Chron: palaeomagnetic study of a lava sequence from Afar depression, East Africa. *Geophysical Journal International*, **2016**, 204, 127-146	2.6	11
47	Multi-level consistency tests in paleointensity determinations from the welded tuffs of the Aso pyroclastic-flow deposits. *Physics of the Earth and Planetary Interiors*, **2013**, 223, 40-54	2.3	11
46	Paleomagnetic study of ferromanganese crusts recovered from the northwest Pacific：Testing the applicability of the magnetostratigraphic method to estimate growth rate. *Ore Geology Reviews* , **2017**, 87, 16-24	3.2	11
45	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. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 7305-7320	3.6	11

44	Oligocene–Miocene magnetostratigraphy of deep-sea sediments from the equatorial Pacific (IODP Site U1333). *Geological Society Special Publication*, **2013**, 373, 13-27	1.7	10
43	Palaeomagnetic study of IODP Sites U1331 and U1332 in the equatorial Pacific--extending relative geomagnetic palaeointensity observations through the Oligocene and into the Eocene. *Geophysical Journal International*, **2014**, 196, 694-711	2.6	10
42	Paleointensity study of the middle Cretaceous Iritono granite in northeast Japan: Implication for high field intensity of the Cretaceous normal superchron. *Physics of the Earth and Planetary Interiors* , **2009**, 176, 235-242	2.3	10
41	Palaeomagnetism of the Older Ontake Volcano, Japan: contributions to the palaeosecular variation for 750-400 Ka, the lower half of the Brunhes Chron. *Geophysical Journal International*, **2007**, 169, 81-90	2.6	10
40	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). *Paleoceanography and Paleoclimatology*, **2019**, 34, 1913-1930	3.3	10
39	Expedition 342 summary. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*, **2014**,		9
38	Toward robust deconvolution of pass-through paleomagnetic measurements: new tool to estimate magnetometer sensor response and laser interferometry of sample positioning accuracy. *Earth, Planets and Space*, **2016**, 68,	2.9	9
37	Paleointensity of the geomagnetic field in the Late Cretaceous and earliest Paleogene obtained from drill cores of the Louisville seamount trail. *Geochemistry, Geophysics, Geosystems*, **2014**, 15, 2454-2466	3.6	8
36	Site U1404. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		7
35	Hydrostatic pressure effect on magnetic hysteresis parameters of pseudo-single-domain magnetite. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 2825-2834	3.6	6
34	Palaeointensities from Pliocene lava sequences in Iceland: emphasis on the problem of Arai plot with two linear segments. *Geophysical Journal International*, **2016**, 205, 694-714	2.6	6
33	Pressure effect on magnetic hysteresis parameters of single-domain magnetite contained in natural plagioclase crystal. *Geophysical Journal International*, **2015**, 202, 394-401	2.6	5
32	Magnetostratigraphic results from sedimentary rocks of IODP–Nankai Trough Seismogenic Zone Experiment (NanTroSEIZE) Expedition 322. *Geological Society Special Publication*, **2013**, 373, 191-243	1.7	5
31	Site U1406. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		5
30	Volcanic ash in bare ice south of Sør Rondane Mountains, Antarctica: geochemistry, rock magnetism and nondestructive magnetic detection with SQUID gradiometer. *Earth, Planets and Space*, **2016**, 68,	2.9	4
29	Archeointensity estimates of a tenth-century kiln: first application of the Tsunakawa–Shaw paleointensity method to archeological relics. *Earth, Planets and Space*, **2018**, 70,	2.9	4
28	Microscopic observation of titanomagnetite grains during palaeointensity experiments of volcanic rocks. *Geophysical Journal International*, **2014**, 196, 145-159	2.6	4
27	Pressure effect on low-temperature remanence of multidomain magnetite: Change in demagnetization temperature. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	4

26	Site U1405. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		4
25	Constraints on the Source of the Martian Magnetic Anomalies Inferred From Relaxation Time of Remanent Magnetization. *Geophysical Research Letters*, **2018**, 45, 6417-6427	4.9	4
24	Stress State in the Kumano Basin and in Slope Sediment Determined From Anelastic Strain Recovery: Results From IODP Expedition 338 to the Nankai Trough. *Geochemistry, Geophysics, Geosystems*, **2017**, 18, 3608-3616	3.6	3
23	Paleointensity Study on the Holocene Surface Lavas on the Island of Hawaii Using the Tsunakawa–Shaw Method. *Frontiers in Earth Science*, **2018**, 6,	3.5	3
22	Hydrostatic pressure effect on magnetic hysteresis parameters of multidomain magnetite: Implication for crustal magnetization. *Physics of the Earth and Planetary Interiors*, **2014**, 233, 33-40	2.3	3
21	Development of the microwave LTD-DHT Shaw method for absolute paleointensity determination. *Physics of the Earth and Planetary Interiors*, **2008**, 170, 15-23	2.3	3
20	Site U1403. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		3
19	Site U1409. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		3
18	A Method for Core Reorientation Based on Rock Remanent Magnetization: Application to Hemipelagic Sedimentary Soft Rock. *Materials Transactions*, **2020**, 61, 1638-1644	1.3	3
17	High spatial resolution magnetic mapping using ultra-high sensitivity scanning SQUID microscopy on a speleothem from the Kingdom of Tonga, southern Pacific. *Earth, Planets and Space*, **2021**, 73,	2.9	3
16	Paleomagnetic study of basaltic rocks from Baengnyeong Island, Korea: efficiency of the Tsunakawa–Shaw paleointensity determination on non-SD-bearing materials and implication for the early Pliocene geomagnetic field intensity. *Earth, Planets and Space*, **2019**, 71,	2.9	2
15	Data report: updated magnetostratigraphy for IODP Sites U1403, U1408, U1409, and U1410. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		2
14	Geomagnetic Paleointensity Around 30 Ma Estimated From Afro-Arabian Large Igneous Province. *Geochemistry, Geophysics, Geosystems*, **2020**, 21, e2020GC009341	3.6	2
13	Development of scanning SQUID microscope system and its applications on geological samples: A case study on marine ferromanganese crust. *Journal of Physics: Conference Series*, **2020**, 1590, 012037	0.3	2
12	A tephra-based approach to calibrating relative geomagnetic paleointensity stacks to absolute values. *Earth and Planetary Science Letters*, **2021**, 572, 117119	5.3	2
11	Paleomagnetism, paleointensity and geochronology of a Proterozoic dolerite dyke from southern West Greenland. *Journal of Geodynamics*, **2020**, 139, 101752	2.2	1
10	Provenance of submerged stone pillars in an earthquake and typhoon hazard zone, coastal Tosashimizu, southwest Japan: A multidisciplinary geological approach. *Marine Geology*, **2019**, 415, 105962	3.3	1
9	Site U1407. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		1

8	Site U1408. *Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program*,		1
7	High-resolution palaeomagnetic results of Ethiopian trap series from Lima Limo section: implications for the Oligocene geomagnetic field behaviour and timing of volcanism. *Geophysical Journal International*, **2021**, 225, 311-328	2.6	1
6	An initial case study to deconvolve natural remanent magnetization of a continuous paleomagnetic sample using the software UDECON. *Earth, Planets and Space*, **2018**, 70,	2.9	1
5	Paleomagnetic studies on single crystals separated from the middle Cretaceous Iritono granite. *Earth, Planets and Space*, **2018**, 70,	2.9	1
4	Construction of new archaeointensity reference curve for East Asia from 200 CE to 1100 CE. *Physics of the Earth and Planetary Interiors*, **2021**, 310, 106596	2.3	1
3	Recent progress on rock and paleomagnetism by means of deepsea drilling. *Journal of the Geological Society of Japan*, **2017**, 123, 251-264	0.6	
2	A Method for Core Reorientation Based on Rock Remanent Magnetization:Application to Hemipelagic Sedimentary Soft Rock. *Zairyo/Journal of the Society of Materials Science, Japan*, **2020**, 69, 256-262	0.1	
1	Eocene relative paleointensity of the geomagnetic field from Integrated Ocean Drilling Program Site U1403 and U1408 sediments in the northwest Atlantic. *Earth and Planetary Science Letters*, **2022**, 584, 117518	5.3	