

# Hideo Tsunakawa

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,443  
citations

393982

19  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1071  
citing authors

#	ARTICLE	IF	CITATIONS
1	KAGUYA observation of global emissions of indigenous carbon ions from the Moon. <i>Science Advances</i> , 2020, 6, eaba1050.	4.7	10
2	Experimental Evaluation of Remanence Carriers Using the Microcoercivity-Unlocking Temperature Diagram. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5177-5191.	1.0	1
3	Electromagnetic Ion Cyclotron Waves Detected by Kaguya and Geotail in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1146-1164.	0.8	2
4	Paleomagnetic studies on single crystals separated from the middle Cretaceous Iritono granite. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	10
5	Constraints on the Source of the Martian Magnetic Anomalies Inferred From Relaxation Time of Remanent Magnetization. <i>Geophysical Research Letters</i> , 2018, 45, 6417-6427.	1.5	4
6	Composition law of oblique anhysteretic remanent magnetization and its relation to the magnetostatic interaction. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1043-1052.	1.0	0
7	Hydrostatic pressure effect on magnetic hysteresis parameters of pseudo-single-domain magnetite. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2825-2834.	1.0	6
8	Surface vector mapping of magnetic anomalies over the Moon using Kaguya and Lunar Prospector observations. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1160-1185.	1.5	106
9	Rock-magnetic properties of single zircon crystals sampled from the Tanzawa tonalitic pluton, central Japan. <i>Earth, Planets and Space</i> , 2015, 67, .	0.9	21
10	Hydrogen-rich hydrothermal environments in the Hadean ocean inferred from serpentinization of komatiites at 300°C and 500 bar. <i>Progress in Earth and Planetary Science</i> , 2015, 2, .	1.1	45
11	Pressure effect on magnetic hysteresis parameters of single-domain magnetite contained in natural plagioclase crystal. <i>Geophysical Journal International</i> , 2015, 202, 394-401.	1.0	5
12	Basic properties of transition remanent magnetizations of magnetite in relation to the ambient field using granite samples. <i>Geophysical Journal International</i> , 2015, 200, 25-34.	1.0	3
13	Hydrostatic pressure effect on magnetic hysteresis parameters of multidomain magnetite: Implication for crustal magnetization. <i>Physics of the Earth and Planetary Interiors</i> , 2014, 233, 33-40.	0.7	3
14	Backscattered energetic neutral atoms from the Moon in the Earth's plasma sheet observed by Chandrayaan-1/Sub-keV Atom Reflecting Analyzer instrument. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3573-3584.	0.8	22
15	Structure of the ionized lunar sodium and potassium exosphere: Dawn-dusk asymmetry. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 798-809.	1.5	16
16	Simultaneous observation of the electron acceleration and ion deceleration over lunar magnetic anomalies. <i>Earth, Planets and Space</i> , 2012, 64, 83-92.	0.9	87
17	Large-amplitude monochromatic ULF waves detected by Kaguya at the Moon. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
18	Non-monochromatic whistler waves detected by Kaguya on the dayside surface of the moon. <i>Earth, Planets and Space</i> , 2011, 63, 37-46.	0.9	31

#	ARTICLE	IF	CITATIONS
19	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya). Space Science Reviews, 2010, 154, 265-303.	3.7	123
20	Lunar Magnetic Field Observation and Initial Global Mapping of Lunar Magnetic Anomalies by MAP-LMAG Onboard SELENE (Kaguya). Space Science Reviews, 2010, 154, 219-251.	3.7	94
21	Magnetic Cleanliness Program Under Control of Electromagnetic Compatibility for the SELENE (Kaguya) Spacecraft. Space Science Reviews, 2010, 154, 253-264.	3.7	36
22	In-orbit calibration of the lunar magnetometer onboard SELENE (KAGUYA). Earth, Planets and Space, 2009, 61, 1269-1274.	0.9	51
23	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.	0.7	15
24	First direct detection of ions originating from the Moon by MAP-PACE IMA onboard SELENE (KAGUYA). Geophysical Research Letters, 2009, 36, .	1.5	79
25	Effects of thermally heterogeneous structure in the lowermost mantle on the geomagnetic field strength. Earth and Planetary Science Letters, 2008, 272, 738-746.	1.8	39
26	Solar wind proton reflection at the lunar surface: Low energy ion measurement by MAP-PACE onboard SELENE (KAGUYA). Geophysical Research Letters, 2008, 35, .	1.5	178
27	Ground calibration of the high-sensitivity SELENE lunar magnetometer LMAG. Earth, Planets and Space, 2008, 60, 353-363.	0.9	62
28	Paleomagnetism of the middle Cretaceous Iritono granite in the Abukuma region, northeast Japan. Tectonophysics, 2006, 421, 161-171.	0.9	15
29	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.	1.0	53
30	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.	0.7	42
31	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.	0.7	52
32	Palaeointensity study of the Hawaiian 1960 lava: implications for possible causes of erroneously high intensities. Geophysical Journal International, 2003, 153, 263-276.	1.0	129
33	The Shaw method of palaeointensity determinations and its application to recent volcanic rocks. Geophysical Journal International, 1994, 118, 781-787.	1.0	83