

Naoyuki Yamashita

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,003
citations

687363

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996975

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docs citations

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956
citing authors

#	ARTICLE	IF	CITATIONS
1	Elemental Mapping by Dawn Reveals Exogenic H in Vesta's Regolith. <i>Science</i> , 2012, 338, 242-246.	12.6	201
2	Dawn arrives at Ceres: Exploration of a small, volatile-rich world. <i>Science</i> , 2016, 353, 1008-1010.	12.6	178
3	Extensive water ice within Ceres' aqueously altered regolith: Evidence from nuclear spectroscopy. <i>Science</i> , 2017, 355, 55-59.	12.6	169
4	Composition of the Rheasilvia basin, a window into Vesta's interior. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 335-346.	3.6	84
5	An aqueously altered carbon-rich Ceres. <i>Nature Astronomy</i> , 2019, 3, 140-145.	10.1	62
6	Compositional variability on the surface of 4 Vesta revealed through γ -ray measurements of high-energy gamma rays. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2252-2270.	1.6	53
7	Olivine or impact melt: Nature of the "Orange" material on Vesta from Dawn. <i>Icarus</i> , 2013, 226, 1568-1594.	2.5	47
8	Neutron absorption constraints on the composition of 4 Vesta. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2211-2236.	1.6	47
9	Distribution of iron on Vesta. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2237-2251.	1.6	35
10	Elemental composition and mineralogy of Vesta and Ceres: Distribution and origins of hydrogen-bearing species. <i>Icarus</i> , 2019, 318, 42-55.	2.5	34
11	Concentrations of potassium and thorium within Vesta's regolith. <i>Icarus</i> , 2015, 259, 39-52.	2.5	33
12	Constraints on Vesta's elemental composition: Fast neutron measurements by Dawn's gamma ray and neutron detector. <i>Meteoritics and Planetary Science</i> , 2013, 48, 2271-2288.	1.6	28
13	Using HED meteorites to interpret neutron and gamma-ray data from asteroid 4 Vesta. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1311-1337.	1.6	24
14	The case for a Themis asteroid family spacecraft mission. <i>Planetary and Space Science</i> , 2022, 212, 105413.	1.7	3
15	Neutron, Gamma-Ray, and X-Ray Spectroscopy of Planetary Bodies. , 2019, , 588-603.		2
16	Replenishment of Near-Surface Water Ice by Impacts Into Ceres' Volatile-Rich Crust: Observations by Dawn's Gamma Ray and Neutron Detector. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094223.	4.0	2
17	Neutron, Gamma-Ray, and X-Ray Spectroscopy. , 2019, , 191-238.		1
18	The Surface Composition of Vesta. , 2022, , 81-104.		0