

Noriyuki Namiki

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,907
citations

516710

16
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Hayabusa2 arrives at the carbonaceous asteroid 162173 Ryugu—A spinning top—shaped rubble pile. <i>Science</i> , 2019, 364, 268-272.	12.6	410
2	The geomorphology, color, and thermal properties of Ryugu: Implications for parent-body processes. <i>Science</i> , 2019, 364, 252.	12.6	313
3	An artificial impact on the asteroid (162173) Ryugu formed a crater in the gravity-dominated regime. <i>Science</i> , 2020, 368, 67-71.	12.6	183
4	Sample collection from asteroid (162173) Ryugu by Hayabusa2: Implications for surface evolution. <i>Science</i> , 2020, 368, 654-659.	12.6	158
5	Preliminary analysis of the Hayabusa2 samples returned from C-type asteroid Ryugu. <i>Nature Astronomy</i> , 2022, 6, 214-220.	10.1	136
6	Hayabusa2: Scientific importance of samples returned from C-type near-Earth asteroid (162173) 1999 JU3. <i>Geochemical Journal</i> , 2014, 48, 571-587.	1.0	103
7	Highly porous nature of a primitive asteroid revealed by thermal imaging. <i>Nature</i> , 2020, 579, 518-522.	27.8	100
8	Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, .	12.6	97
9	Pebbles and sand on asteroid (162173) Ryugu: In situ observation and particles returned to Earth. <i>Science</i> , 2022, 375, 1011-1016.	12.6	78
10	First compositional analysis of Ryugu samples by the MicrOmega hyperspectral microscope. <i>Nature Astronomy</i> , 2022, 6, 221-225.	10.1	65
11	Development of the Laser Altimeter (LIDAR) for Hayabusa2. <i>Space Science Reviews</i> , 2017, 208, 33-47.	8.1	64
12	Thermally altered subsurface material of asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2021, 5, 246-250.	10.1	47
13	Collisional history of Ryugu's parent body from bright surface boulders. <i>Nature Astronomy</i> , 2021, 5, 39-45.	10.1	42
14	Anomalously porous boulders on (162173) Ryugu as primordial materials from its parent body. <i>Nature Astronomy</i> , 2021, 5, 766-774.	10.1	30
15	Hayabusa2 Landing Site Selection: Surface Topography of Ryugu and Touchdown Safety. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	17
16	Improving Hayabusa2 trajectory by combining LIDAR data and a shape model. <i>Icarus</i> , 2020, 338, 113574.	2.5	16
17	Dynamic precise orbit determination of Hayabusa2 using laser altimeter (LIDAR) and image tracking data sets. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	11
18	MMX geodesy investigations: science requirements and observation strategy. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	11

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19	Simulation of Seismic Wave Propagation on Asteroid Ryugu Induced by The Impact Experiment of The Hayabusa2 Mission: Limited Mass Transport by Low Yield Strength of Porous Regolith. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006594.	3.6	8
20	Rotational effect as the possible cause of the east-west asymmetric crater rims on Ryugu observed by LIDAR data. Icarus, 2021, 354, 114073.	2.5	5
21	Site selection for the Hayabusa2 artificial cratering and subsurface material sampling on Ryugu. Planetary and Space Science, 2022, 219, 105519.	1.7	4
22	Alignment determination of the Hayabusa2 laser altimeter (LIDAR). Earth, Planets and Space, 2021, 73, .	2.5	3
23	Mission objectives, planning, and achievements of Hayabusa2. , 2022, , 5-23.		3