

Atsushi Fujii

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,773
citations

516710

16
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1014
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	Highly porous nature of a primitive asteroid revealed by thermal imaging. <i>Nature</i> , 2020, 579, 518-522.	27.8	100
7	Samples returned from the asteroid Ryugu are similar to Ivuna-type carbonaceous meteorites. <i>Science</i> , 2023, 379, .	12.6	97
8	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
9	Thermophysical properties of the surface of asteroid 162173 Ryugu: Infrared observations and thermal inertia mapping. <i>Icarus</i> , 2020, 348, 113835.	2.5	48
10	Thermally altered subsurface material of asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2021, 5, 246-250.	10.1	47
11	Collisional history of Ryugu's parent body from bright surface boulders. <i>Nature Astronomy</i> , 2021, 5, 39-45.	10.1	42
12	Anomalously porous boulders on (162173) Ryugu as primordial materials from its parent body. <i>Nature Astronomy</i> , 2021, 5, 766-774.	10.1	30
13	The spatial distribution of impact craters on Ryugu. <i>Icarus</i> , 2020, 338, 113527.	2.5	25
14	Hayabusa2 extended mission: New voyage to rendezvous with a small asteroid rotating with a short period. <i>Advances in Space Research</i> , 2021, 68, 1533-1555.	2.6	20
15	Hayabusa2's station-keeping operation in the proximity of the asteroid Ryugu. <i>Astrodynamics</i> , 2020, 4, 349-375.	2.4	19
16	Hayabusa2 Landing Site Selection: Surface Topography of Ryugu and Touchdown Safety. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	17
17	Ballistic deployment of the Hayabusa2 artificial landmarks in the microgravity environment of Ryugu. <i>Icarus</i> , 2021, 358, 114220.	2.5	13
18	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

#	ARTICLE	IF	CITATIONS
19	Hayabusa2's superior solar conjunction mission operations: planning and post-operation results. <i>Astrodynamics</i> , 2020, 4, 265-288.	2.4	10
20	Hayabusa2 pinpoint touchdown near the artificial crater on Ryugu: Trajectory design and guidance performance. <i>Advances in Space Research</i> , 2021, 68, 3093-3140.	2.6	9
21	Alignment determination of the Hayabusa2 laser altimeter (LIDAR). <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	3
22	Overview of the Hayabusa2 asteroid proximity operations. , 2022, , 113-136.		1
23	GNC design and results of Hayabusa2's initial remote sensing operations. , 2022, , 137-175.		0
24	Hayabusa2's kinetic impact experiment. , 2022, , 291-312.		0