

Yuji Sato

List of Publications by Year in descending order

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27
papers

91
citations

1937685
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g-index

27
all docs

27
docs citations

27
times ranked

19
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement and verification of satellite dynamics simulator based on flight data analysis. , 2017, , .		11
2	Radiometric Calibration for a Multispectral Sensor Onboard RISESAT Microsatellite Based on Lunar Observations. Sensors, 2021, 21, 2429.	3.8	9
3	Development and ground evaluation of optical ground station tracking control system of microsatellite RISESAT. , 2017, , .		8
4	Design and Evaluation of Thruster Control Approach for Micro-satellite ALE-2. , 2020, , .		7
5	Development and Ground Evaluation of Fast Tracking Algorithm for Star Trackers. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2018, 16, 202-209.	0.2	6
6	Attitude Maneuvering Sequence Design of High-Precision Ground Target Tracking Control for Multispectral Earth Observations. , 2019, , .		6
7	Development and Ground Evaluation of Ground-Target Tracking Control of Microsatellite RISESAT. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2019, 17, 120-126.	0.2	6
8	Ground Evaluation of the Attitude Control System of 3U-CubeSat IHI-SAT. , 2020, , .		5
9	Double Fail-Safe Attitude Control System for Artificial Meteor Microsatellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 9-16.	0.2	5
10	Assembly and integration of optical downlink terminal VSOTA on microsatellite RISESAT. , 2019, , .		4
11	Establishment of the Ground Evaluation and Operational Training System of Artificial Meteor Micro-satellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2020, 18, 84-92.	0.2	4
12	Time-of-Flight Monitoring Camera System of the De-orbiting Drag Sail for Microsatellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 774-783.	0.2	3
13	System Design, Development and Ground Verification of a Separable De-Orbit Mechanism for the Orbital Manoeuvr of Micro-Satellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 360-367.	0.2	3
14	Design, Implementation and In-orbit Demonstration of Attitude and Orbit Control System for Micro-satellite ALE-2. , 2021, , .		3
15	A High Spatial Resolution Multispectral Sensor on the RISESAT Microsatellite. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2020, 18, 186-191.	0.2	3
16	Development of fast tracking algorithm using nearest neighbor star search approach. , 2016, , .		2
17	In-Flight Target Pointing Calibration of the Diwata-2 Earth Observation Microsatellite. , 2021, , .		2
18	Design of a MEMS-Mirror-based Laser Pointing Control System of Optical Transponder for Micro-satellites. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2018, 16, 285-290.	0.2	1

#	ARTICLE	IF	CITATIONS
19	On-Board Computers for Micro-Satellites. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 485-492.	0.2	1
20	Automated Mission Planning System for Ocean Observation of Micro-satellite RISESAT. , 2021, , .		1
21	Structural Design and Verification of Aeronomy Study Satellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 42-51.	0.2	1
22	Design of a sustainable woody biomass supply chain considering facility location problem. Transactions of the JSME (in Japanese), 2018, 84, 17-00565-17-00565.	0.2	0
23	High Precision Orbit Determination Method Based on GPS Flight Data for ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 744-752.	0.2	0
24	Integration and Orbit Demonstration of Micro-Satellite Payload System Based on a Plug-and-Play On-Board Computer. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 784-793.	0.2	0
25	Development and Evaluation of a CCSDS-Based Communication System on Microsatellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 368-376.	0.2	0
26	Thermal Design and Evaluation of the Microsatellite RISESAT. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 855-864.	0.2	0
27	Thermal Design and Evaluation of the Microsatellite ALE-1. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2021, 19, 821-830.	0.2	0