

Shunan Wu

List of Publications by Year in descending order

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14
papers

341
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic multi-constrained assembly sequence planning of large space structures considering structural vibration. <i>Acta Astronautica</i> , 2022, 195, 27-40.	3.2	8
2	Active vibration suppression for large space structure assembly: A distributed adaptive model predictive control approach. <i>JVC/Journal of Vibration and Control</i> , 2021, 27, 365-377.	2.6	11
3	Deep learning-based inertia tensor identification of the combined spacecraft. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020, 234, 1356-1366.	1.3	6
4	Distributed adaptive vibration control for solar power satellite during on-orbit assembly. <i>Aerospace Science and Technology</i> , 2019, 94, 105378.	4.8	14
5	Distributed vibration control of a large solar power satellite. <i>Astrodynamics</i> , 2019, 3, 189-203.	2.4	6
6	Time-varying state-space model identification of an on-orbit rigid-flexible coupling spacecraft using an improved predictor-based recursive subspace algorithm. <i>Acta Astronautica</i> , 2019, 163, 157-167.	3.2	14
7	Multi-objective integrated robust H ∞ control for attitude tracking of a flexible spacecraft. <i>Acta Astronautica</i> , 2018, 151, 80-87.	3.2	23
8	Robust Adaptive Learning Control for Spacecraft Autonomous Proximity Maneuver. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2017, 31, 1759007.	1.2	3
9	Parametrical Excitation Model for Rigid-Flexible Coupling System of Solar Power Satellite. <i>Journal of Guidance, Control, and Dynamics</i> , 2017, 40, 2674-2681.	2.8	20
10	Gravitational orbit-attitude coupling dynamics of a large solar power satellite. <i>Aerospace Science and Technology</i> , 2017, 62, 46-54.	4.8	31
11	Robust optimal sun-pointing control of a large solar power satellite. <i>Acta Astronautica</i> , 2016, 127, 226-234.	3.2	24
12	Robust attitude maneuver control of spacecraft with reaction wheel low-speed friction compensation. <i>Aerospace Science and Technology</i> , 2015, 43, 213-218.	4.8	32
13	Adaptive control for spacecraft relative translation with parametric uncertainty. <i>Aerospace Science and Technology</i> , 2013, 31, 53-58.	4.8	31
14	Quaternion-based finite time control for spacecraft attitude tracking. <i>Acta Astronautica</i> , 2011, 69, 48-58.	3.2	118