

# Bo Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/359743/publications.pdf>

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papers

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#	ARTICLE	IF	CITATIONS
1	Twistor-Based Adaptive Pose Control of Spacecraft for Landing on an Asteroid With Collision Avoidance. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022, 58, 152-167.	4.7	8
2	Adaptive finite-time control for six-degree-of-freedom leader-following spacecraft formation using twistors. <i>Advances in Space Research</i> , 2022, 70, 1297-1311.	2.6	9
3	Adaptive super-twisting control for orbiting around irregular shape small bodies with input saturation. <i>Aerospace Science and Technology</i> , 2020, 106, 106171.	4.8	12
4	Velocity-free prescribed performance control for spacecraft hovering over an asteroid with input saturation. <i>Journal of the Franklin Institute</i> , 2020, 357, 6471-6497.	3.4	8
5	Twistor-based pose control for asteroid landing with path constraints. <i>Nonlinear Dynamics</i> , 2020, 100, 2427-2448.	5.2	14
6	Immersion and Invariance Based Adaptive Backstepping Control for Body-Fixed Hovering Over an Asteroid. <i>IEEE Access</i> , 2019, 7, 34850-34861.	4.2	18
7	Velocity-Free Saturated Control for Hovering Over an Asteroid With Disturbance Rejection. <i>IEEE Access</i> , 2019, 7, 69292-69303.	4.2	5
8	Adaptive double-saturated control for hovering over an asteroid. <i>Advances in Space Research</i> , 2019, 63, 2035-2051.	2.6	13
9	Robust Trajectory Tracking Guidance for Low L/D Lunar Return Vehicles Using Command Filtered Backstepping Approach. <i>Journal of Aerospace Engineering</i> , 2018, 31, 04017105.	1.4	6
10	Multi-constrained suboptimal powered descent guidance for lunar pinpoint soft landing. <i>Aerospace Science and Technology</i> , 2016, 48, 203-213.	4.8	35
11	Automatic load relief numerical predictor-corrector guidance for low L/D vehicles return from low Earth orbit. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2015, 229, 2106-2118.	1.3	5