

Xiaoming Liu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Three-dimensional fixed-time robust cooperative guidance law for simultaneous attack with impact angle constraint. <i>Aerospace Science and Technology</i> , 2021, 110, 106523.	4.8	67
2	Autonomous entry guidance using Linear Pseudospectral Model Predictive Control. <i>Aerospace Science and Technology</i> , 2018, 80, 38-55.	4.8	33
3	Steady Glide Dynamic Modeling and Trajectory Optimization for High Lift-to-Drag Ratio Reentry Vehicle. <i>International Journal of Aerospace Engineering</i> , 2016, 2016, 1-14.	0.9	19
4	Robust entry guidance using multi-segment linear pseudospectral model predictive control. <i>Journal of Systems Engineering and Electronics</i> , 2017, 28, 103-125.	2.2	19
5	Analytical entry guidance based on pseudo-aerodynamic profiles. <i>Aerospace Science and Technology</i> , 2017, 66, 315-331.	4.8	17
6	Omnidirectional autonomous entry guidance based on 3-D analytical glide formulas. <i>ISA Transactions</i> , 2016, 65, 487-503.	5.7	12
7	Fault-Tolerant Optical Flow Sensor/SINS Integrated Navigation Scheme for MAV in a GPS-Denied Environment. <i>Journal of Sensors</i> , 2018, 2018, 1-17.	1.1	9
8	Gradient method using pseudospectral collocation scheme for two-stage optimal control with an unspecified switching time. <i>International Journal of Control</i> , 2021, 94, 1201-1216.	1.9	6
9	Three-Dimensional Geometric Descent Guidance With Impact Angle Constraint. <i>IEEE Access</i> , 2020, 8, 64932-64948.	4.2	1