

Xiaodong Yan

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	A robust hybrid nonlinear guidance law for intercepting a non-cooperative maneuvering target. <i>Aeronautical Journal</i> , 2020, 124, 429-445.	1.6	3
2	Robust intercept guidance law with predesigned zero-effort miss distance convergence for capturing maneuvering targets. <i>Journal of the Franklin Institute</i> , 2020, 357, 1118-1136.	3.4	5
3	Generalized quasi-spectral model predictive static programming method using Gaussian quadrature collocation. <i>Aerospace Science and Technology</i> , 2020, 106, 106134.	4.8	11
4	Unpowered approach and landing trajectory planning using second-order cone programming. <i>Aerospace Science and Technology</i> , 2020, 101, 105841.	4.8	15
5	A Novel Integral Sliding Mode-Type Continuous Guidance Law With Autopilot Lag for Intercepting Non-Cooperative Maneuvering Targets. <i>IEEE Access</i> , 2019, 7, 126571-126581.	4.2	7
6	Mars entry guidance based on nonlinear model predictive control with disturbance observer. <i>Journal of the Franklin Institute</i> , 2019, 356, 9824-9843.	3.4	7
7	Spiral-diving trajectory optimization for hypersonic vehicles by second-order cone programming. <i>Aerospace Science and Technology</i> , 2019, 95, 105427.	4.8	13
8	Prescribed performance slide mode guidance law with terminal line-of-sight angle constraint against maneuvering targets. <i>Nonlinear Dynamics</i> , 2017, 88, 2101-2110.	5.2	24
9	Prescribed performance interceptor guidance with terminal line of sight angle constraint accounting for missile autopilot lag. <i>Aerospace Science and Technology</i> , 2017, 69, 171-180.	4.8	19