JianGuo Guo

List of Publications by Year
in descending order

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13 papers	247 citations	1307594 7 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	185 citing authors

#	Article	IF	Citations
1	A new sliding mode control design for integrated missile guidance and control system. Aerospace Science and Technology, 2018, 78, 54-61.	4.8	68
2	Coupling-Characterization-Based Robust Attitude Control Scheme for Hypersonic Vehicles. IEEE Transactions on Industrial Electronics, 2017, 64, 6350-6361.	7.9	65
3	Integrated strapdown missile guidance and control based on neural network disturbance observer. Aerospace Science and Technology, 2019, 84, 170-181.	4.8	53
4	Coupling effect-triggered control strategy for hypersonic flight vehicles with finite-time convergence. Nonlinear Dynamics, 2019, 95, 1009-1025.	5.2	12
5	New adaptive sliding mode control for a mismatched second-order system using an extended disturbance observer. Transactions of the Institute of Measurement and Control, 2019, 41, 276-284.	1.7	11
6	Reentry attitude tracking via coupling effect-triggered control subjected to bounded uncertainties. International Journal of Systems Science, 2018, 49, 2571-2585.	5.5	8
7	Integral barrier Lyapunov functions-based integrated guidance and control design for strap-down missile with field-of-view constraint. Transactions of the Institute of Measurement and Control, 2021, 43, 1464-1477.	1.7	7
8	Finite-time integrated guidance and control system for hypersonic vehicles. Transactions of the Institute of Measurement and Control, 2021, 43, 842-853.	1.7	6
9	New fixed-time sliding mode control for a mismatched second-order system. Transactions of the Institute of Measurement and Control, 2021, 43, 325-334.	1.7	5
10	A longitudinal trajectory tracking method with L1 adaptive control for hypersonic reentry vehicles. Transactions of the Institute of Measurement and Control, 2020, 42, 386-403.	1.7	4
11	Iterative-learning-based sliding mode control design for hypersonic vehicles with wind effects. Transactions of the Institute of Measurement and Control, 2020, 42, 1769-1781.	1.7	4
12	A novel guaranteed tracking performance control for reentry vehicle with actuator constraints and uncertainties. Transactions of the Institute of Measurement and Control, 2019, 41, 3787-3798.	1.7	2
13	Three-dimensional piecewise guidance strategy for multi-UAVs guaranteeing simultaneous arrival and field-of-view constraint. Transactions of the Institute of Measurement and Control, 2022, 44, 2248-2263.	1.7	2