Namhoon Cho

List of Publications by Year
in descending order

21 papers	504 citations	933447 10 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	368 citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Pure Proportional Navigation Guidance Law for Impact Time Control. Journal of Guidance, Control, and Dynamics, 2016, 39, 852-872.	2.8	141
2	Composite Model Reference Adaptive Control with Parameter Convergence Under Finite Excitation. IEEE Transactions on Automatic Control, 2018, 63, 811-818.	5.7	97
3	Three-Dimensional Nonlinear Differential Geometric Path-Following Guidance Law. Journal of Guidance, Control, and Dynamics, 2015, 38, 2366-2385.	2.8	58
4	Optimality of augmented ideal proportional navigation for maneuvering target interception. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 948-954.	4.7	32
5	Formation Flight of Multiple UAVs via Onboard Sensor Information Sharing. Sensors, 2015, 15, 17397-17419.	3.8	30
6	Impact-Time-Control Guidance Strategy with a Composite Structure Considering the Seeker's Field-of-View Constraint. Journal of Guidance, Control, and Dynamics, 2020, 43, 1566-1574.	2.8	29
7	Collision Avoidance of Hexacopter UAV Based on LiDAR Data in Dynamic Environment. Remote Sensing, 2020, 12, 975.	4.0	25
8	Capturability of Guidance Laws for Interception of Nonmaneuvering Target with Field-of-View Limit. Journal of Guidance, Control, and Dynamics, 2019, 42, 869-884.	2.8	20
9	Multiobjective Optimization for Aircraft Arrival Sequencing and Scheduling. Journal of Air Transportation, 2017, 25, 115-122.	1.5	18
10	Wind Compensation Framework for Unpowered Aircraft Using Online Waypoint Correction. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 698-710.	4.7	10
11	Look-Angle-Constrained Control of Arrival Time with Exact Knowledge of Time-to-Go. Journal of Guidance, Control, and Dynamics, 2021, 44, 1902-1908.	2.8	8
12	Analysis of Missile Longitudinal Autopilot Based on the State-Dependent Riccati Equation Method. Journal of Guidance, Control, and Dynamics, 2019, 42, 2183-2196.	2.8	7
13	Generalized Formulation of Linear Nonquadratic Weighted Optimal Error Shaping Guidance Laws. Journal of Guidance, Control, and Dynamics, 2020, 43, 1143-1153.	2.8	7
14	Collision-geometry-based optimal guidance for high-speed target. Aerospace Science and Technology, 2021, 115, 106766.	4.8	6
15	Reactive Collision Avoidance Algorithm for UAV Using Bounding Tube Against Multiple Moving Obstacles. IEEE Access, 2020, 8, 218131-218144.	4.2	5
16	Guidance Synthesis with Separate Impact Point Prediction Considering Speed Variations. Journal of Guidance, Control, and Dynamics, 2021, 44, 428-440.	2.8	4
17	Schwarz Inequality Method for Weighted Minimum Effort Terminal Control of Multidimensional Systems. Journal of Guidance, Control, and Dynamics, 2020, 43, 1893-1903.	2.8	3
18	Generalized Analysis of Biased Proportional Navigation Guidance with Fractional Power Error Feedback. Journal of Guidance, Control, and Dynamics, 2022, 45, 1598-1613.	2.8	2

#	Article	IF	Citations
19	Response surface modeling-based analysis on launch vehicle capability. Advances in Space Research, 2018, 62, 3281-3297.	2.6	1
20	Inverse Optimality of Pure Proportional Navigation Guidance for Stationary Targets. Journal of Guidance, Control, and Dynamics, 0, , 1-10.	2.8	0
21	Analysis of Guidance Laws With Nonmonotonic Line-of-Sight Rate Convergence. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1029-1041.	4.7	0