

# Namhoon Cho

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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         |
| 2  | 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         |
| 3  | Guidance Synthesis with Separate Impact Point Prediction Considering Speed Variations. Journal of Guidance, Control, and Dynamics, 2021, 44, 428-440.                                | 2.8 | 4         |
| 4  | Collision-geometry-based optimal guidance for high-speed target. Aerospace Science and Technology, 2021, 115, 106766.                                                                | 4.8 | 6         |
| 5  | 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         |
| 6  | Wind Compensation Framework for Unpowered Aircraft Using Online Waypoint Correction. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 698-710.                       | 4.7 | 10        |
| 7  | Generalized Formulation of Linear Nonquadratic Weighted Optimal Error Shaping Guidance Laws. Journal of Guidance, Control, and Dynamics, 2020, 43, 1143-1153.                        | 2.8 | 7         |
| 8  | 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         |
| 9  | Reactive Collision Avoidance Algorithm for UAV Using Bounding Tube Against Multiple Moving Obstacles. IEEE Access, 2020, 8, 218131-218144.                                           | 4.2 | 5         |
| 10 | 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        |
| 11 | Collision Avoidance of Hexacopter UAV Based on LiDAR Data in Dynamic Environment. Remote Sensing, 2020, 12, 975.                                                                     | 4.0 | 25        |
| 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 | 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        |
| 14 | Response surface modeling-based analysis on launch vehicle capability. Advances in Space Research, 2018, 62, 3281-3297.                                                              | 2.6 | 1         |
| 15 | Composite Model Reference Adaptive Control with Parameter Convergence Under Finite Excitation. IEEE Transactions on Automatic Control, 2018, 63, 811-818.                            | 5.7 | 97        |
| 16 | Multiobjective Optimization for Aircraft Arrival Sequencing and Scheduling. Journal of Air Transportation, 2017, 25, 115-122.                                                        | 1.5 | 18        |
| 17 | Optimality of augmented ideal proportional navigation for maneuvering target interception. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 948-954.                 | 4.7 | 32        |
| 18 | Modified Pure Proportional Navigation Guidance Law for Impact Time Control. Journal of Guidance, Control, and Dynamics, 2016, 39, 852-872.                                           | 2.8 | 141       |

| #  | ARTICLE                                                                                                                                                  | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Formation Flight of Multiple UAVs via Onboard Sensor Information Sharing. <i>Sensors</i> , 2015, 15, 17397-17419.                                        | 3.8 | 30        |
| 20 | Three-Dimensional Nonlinear Differential Geometric Path-Following Guidance Law. <i>Journal of Guidance, Control, and Dynamics</i> , 2015, 38, 2366-2385. | 2.8 | 58        |
| 21 | Inverse Optimality of Pure Proportional Navigation Guidance for Stationary Targets. <i>Journal of Guidance, Control, and Dynamics</i> , 0, , 1-10.       | 2.8 | 0         |