

# Neng Wan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8079721/publications.pdf>

Version: 2024-02-01

13  
papers

150  
citations

1684188

5  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	An iterative strategy for task assignment and path planning of distributed multiple unmanned aerial vehicles. <i>Aerospace Science and Technology</i> , 2019, 86, 455-464.	4.8	76
2	Bounded curvature path planning with expected length for Dubins vehicle entering target manifold. <i>Robotics and Autonomous Systems</i> , 2017, 97, 217-229.	5.1	19
3	A Geometric Approach to Obtain the Closed-Form Forward Kinematics of H4 Parallel Robot. <i>Journal of Mechanisms and Robotics</i> , 2018, 10, .	2.2	11
4	Curvature-Bounded Lengthening and Shortening for Restricted Vehicle Path Planning. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, 17, 15-28.	5.2	10
5	Adaptive sliding mode control for spacecraft rendezvous in near-circular orbits with time-varying saturation constraint. , 2017, , .		6
6	Robust Tracking Control for Rendezvous in Near-Circular Orbits. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-11.	1.1	5
7	Observer-Based Robust Control for Spacecraft Rendezvous with Thrust Saturation. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-10.	0.7	5
8	A Simplified Approach to Analyze Complementary Sensitivity Tradeoffs in Continuous-Time and Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1697-1703.	5.7	5
9	Sensitivity analysis of linear continuous-time feedback systems subject to control and measurement noise: An information-theoretic approach. <i>Systems and Control Letters</i> , 2019, 133, 104548.	2.3	4
10	A Composite Robust Fault-Tolerant Control Scheme for Limited-Thrust Spacecraft Rendezvous in Near-Circular Orbits. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017, 139, .	1.6	3
11	Sensitivity Analysis of Continuous-Time Systems based on Power Spectral Density. , 2018, , .		3
12	A multilevel sampled-data approach for resilient navigation and control of autonomous systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 1071-1097.	3.7	3
13	Partially independent control scheme for spacecraft rendezvous in near-circular orbits. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 2250-2263.	1.3	0