

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