

Ngoc Phi Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

759233

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#	ARTICLE	IF	CITATIONS
1	Perturbation Observer-Based Robust Control Using a Multiple Sliding Surfaces for Nonlinear Systems with Influences of Matched and Unmatched Uncertainties. <i>Mathematics</i> , 2020, 8, 1371.	2.2	46
2	Adaptive Sliding Mode Control for Attitude and Altitude System of a Quadcopter UAV via Neural Network. <i>IEEE Access</i> , 2021, 9, 40076-40085.	4.2	40
3	Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. <i>IEEE Access</i> , 2020, 8, 167192-167202.	4.2	39
4	Fault-tolerant Control of Quadcopter UAVs Using Robust Adaptive Sliding Mode Approach. <i>Energies</i> , 2019, 12, 95.	3.1	37
5	Sliding Mode Thau Observer for Actuator Fault Diagnosis of Quadcopter UAVs. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1893.	2.5	35
6	Actuator Fault Detection and Fault-Tolerant Control for Hexacopter. <i>Sensors</i> , 2019, 19, 4721.	3.8	35
7	Fault Diagnosis and Fault-Tolerant Control Scheme for Quadcopter UAVs with a Total Loss of Actuator. <i>Energies</i> , 2019, 12, 1139.	3.1	32
8	Wavelet Interval Type-2 Fuzzy Quad-Function-Link Brain Emotional Control Algorithm for the Synchronization of 3D Nonlinear Chaotic Systems. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 2546-2564.	4.0	24
9	Adaptive altitude flight control of quadcopter under ground effect and time-varying load: theory and experiments. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 571-581.	2.6	21
10	Finite-Time Attitude Fault Tolerant Control of Quadcopter System via Neural Networks. <i>Mathematics</i> , 2020, 8, 1541.	2.2	20
11	Active Fault-Tolerant Control of a Quadcopter against Time-Varying Actuator Faults and Saturations Using Sliding Mode Backstepping Approach. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4010.	2.5	19
12	Quadrotor Formation Control via Terminal Sliding Mode Approach: Theory and Experiment Results. <i>Drones</i> , 2022, 6, 172.	4.9	16
13	Robust Fault Estimation Using the Intermediate Observer: Application to the Quadcopter. <i>Sensors</i> , 2020, 20, 4917.	3.8	12
14	Finite-Time Stability of MIMO Nonlinear Systems Based on Robust Adaptive Sliding Control: Methodology and Application to Stabilize Chaotic Motions. <i>IEEE Access</i> , 2021, 9, 21759-21768.	4.2	12
15	Synthesized Landing Strategy for Quadcopter to Land Precisely on a Vertically Moving Apron. <i>Mathematics</i> , 2022, 10, 1328.	2.2	11
16	4-D Memristive Chaotic Systems-Based Audio Secure Communication Using Dual-Function-Link Fuzzy Brain Emotional Controller. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2946-2968.	4.0	9
17	Fault-Tolerant Control for Hexacopter UAV Using Adaptive Algorithm with Severe Faults. <i>Aerospace</i> , 2022, 9, 304.	2.2	9
18	Intelligent wavelet fuzzy brain emotional controller using dual function-link network for uncertain nonlinear control systems. <i>Applied Intelligence</i> , 2022, 52, 2720-2744.	5.3	5

#	ARTICLE	IF	CITATIONS
19	Quadcopter UAVs Extended States/Disturbance Observer-Based Nonlinear Robust Backstepping Control. Sensors, 2022, 22, 5082.	3.8	2