Ngoc Phi Nguyen

List of Publications by Year
in descending order

19	424	759233	794594
papers	citations	12	19
		h-index	g-index

19	19	19	344
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptive altitude flight control of quadcopter under ground effect and time-varying load: theory and experiments. JVC/Journal of Vibration and Control, 2023, 29, 571-581.	2.6	21
2	Intelligent wavelet fuzzy brain emotional controller using dual function-link network for uncertain nonlinear control systems. Applied Intelligence, 2022, 52, 2720-2744.	5.3	5
3	Synthesized Landing Strategy for Quadcopter to Land Precisely on a Vertically Moving Apron. Mathematics, 2022, 10, 1328.	2.2	11
4	4-D Memristive Chaotic Systems-Based Audio Secure Communication Using Dual-Function-Link Fuzzy Brain Emotional Controller. International Journal of Fuzzy Systems, 2022, 24, 2946-2968.	4.0	9
5	Fault-Tolerant Control for Hexacopter UAV Using Adaptive Algorithm with Severe Faults. Aerospace, 2022, 9, 304.	2.2	9
6	Quadcopter UAVs Extended States/Disturbance Observer-Based Nonlinear Robust Backstepping Control. Sensors, 2022, 22, 5082.	3.8	2
7	Quadrotor Formation Control via Terminal Sliding Mode Approach: Theory and Experiment Results. Drones, 2022, 6, 172.	4.9	16
8	Adaptive Sliding Mode Control for Attitude and Altitude System of a Quadcopter UAV via Neural Network. IEEE Access, 2021, 9, 40076-40085.	4.2	40
9	Finite-Time Stability of MIMO Nonlinear Systems Based on Robust Adaptive Sliding Control: Methodology and Application to Stabilize Chaotic Motions. IEEE Access, 2021, 9, 21759-21768.	4.2	12
10	Wavelet Interval Type-2 Fuzzy Quad-Function-Link Brain Emotional Control Algorithm for the Synchronization of 3D Nonlinear Chaotic Systems. International Journal of Fuzzy Systems, 2020, 22, 2546-2564.	4.0	24
11	Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. IEEE Access, 2020, 8, 167192-167202.	4.2	39
12	Finite-Time Attitude Fault Tolerant Control of Quadcopter System via Neural Networks. Mathematics, 2020, 8, 1541.	2.2	20
13	Perturbation Observer-Based Robust Control Using a Multiple Sliding Surfaces for Nonlinear Systems with Influences of Matched and Unmatched Uncertainties. Mathematics, 2020, 8, 1371.	2.2	46
14	Robust Fault Estimation Using the Intermediate Observer: Application to the Quadcopter. Sensors, 2020, 20, 4917.	3.8	12
15	Active Fault-Tolerant Control of a Quadcopter against Time-Varying Actuator Faults and Saturations Using Sliding Mode Backstepping Approach. Applied Sciences (Switzerland), 2019, 9, 4010.	2.5	19
16	Actuator Fault Detection and Fault-Tolerant Control for Hexacopter. Sensors, 2019, 19, 4721.	3.8	35
17	Fault Diagnosis and Fault-Tolerant Control Scheme for Quadcopter UAVs with a Total Loss of Actuator. Energies, 2019, 12, 1139.	3.1	32
18	Fault-tolerant Control of Quadcopter UAVs Using Robust Adaptive Sliding Mode Approach. Energies, 2019, 12, 95.	3.1	37

#	Article	IF	Citations
19	Sliding Mode Thau Observer for Actuator Fault Diagnosis of Quadcopter UAVs. Applied Sciences (Switzerland), 2018, 8, 1893.	2.5	35