

Ngoc Son Nguyen

List of Publications by Year in descending order

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32
papers

395
citations

933264

10
h-index

794469

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docs citations

33
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive sliding mode control with hysteresis compensation-based neuroevolution for motion tracking of piezoelectric actuator. <i>Applied Soft Computing Journal</i> , 2022, 115, 108257.	4.1	8
2	Event-Triggered Sliding Mode Control With Hysteresis for Motion Tracking of Piezoelectric Actuated Stage. <i>IEEE Access</i> , 2022, 10, 65309-65314.	2.6	3
3	Adaptive inverse multilayer fuzzy control for uncertain nonlinear system optimizing with differential evolution algorithm. <i>Applied Intelligence</i> , 2021, 51, 527-548.	3.3	9
4	Multi-View Digital Mammography Mass Classification: A Convolutional Neural Network Model Approach. , 2021, , .		2
5	Hysteresis modelling and compensation for piezoelectric actuator using Jaya-BP neural network. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 7836-7847.	1.1	3
6	Parameters extraction of solar cells using modified JAYA algorithm. <i>Optik</i> , 2020, 203, 164034.	1.4	51
7	Parameters identification of Bouc-Wen hysteresis model for piezoelectric actuators using hybrid adaptive differential evolution and Jaya algorithm. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 87, 103317.	4.3	57
8	Uncertain nonlinear system identification using Jaya-based adaptive neural network. <i>Soft Computing</i> , 2020, 24, 17123-17132.	2.1	12
9	Level Control of Quadruple Tank System Based on Adaptive Inverse Evolutionary Neural Controller. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2386-2397.	1.6	12
10	Inverse adaptive multilayer fuzzy controller for uncertain nonlinear system optimized by differential evolution algorithm. <i>Soft Computing</i> , 2020, 24, 14073-14089.	2.1	3
11	Deterministic and reliability-based lightweight design of Timoshenko composite beams. <i>Engineering With Computers</i> , 2020, 37, 2329.	3.5	3
12	Parallel Multi-Population Technique for Meta-Heuristic Algorithms on Multi Core Processor. , 2020, , .		1
13	Adaptive MIMO Fuzzy Controller for Double Coupled Tank System optimizing by Jaya Algorithm. , 2020, , .		2
14	Uncertain nonlinear system control using hybrid fuzzy LQR-sliding mode technique optimized with evolutionary algorithm. <i>Engineering Computations</i> , 2019, 36, 1893-1912.	0.7	4
15	Hysteresis Identification of Piezoelectric Actuator Using Neural Network Trained By Jaya Algorithm. , 2019, , .		2
16	Parameter estimation of Pendubot model using modified differential evolution algorithm. <i>International Journal of Modelling and Simulation</i> , 2019, 39, 157-165.	2.3	4
17	Adaptive Fuzzy Sliding Mode Control for Nonlinear Uncertain SISO System Optimized by Differential Evolution Algorithm. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 755-768.	2.3	7
18	Black-box modeling of nonlinear system using evolutionary neural NARX model. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 1861.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Adaptive neural model optimized by modified differential evolution for identifying 5-DOF robot manipulator dynamic system. <i>Soft Computing</i> , 2018, 22, 979-988.	2.1	10
20	A neural differential evolution identification approach to nonlinear systems and modelling of shape memory alloy actuator. <i>Asian Journal of Control</i> , 2018, 20, 57-70.	1.9	13
21	Adaptive Neural Compliant Force-Position Control of Serial PAM Robot. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2018, 89, 351-369.	2.0	22
22	New approach of sliding mode control for nonlinear uncertain pneumatic artificial muscle manipulator enhanced with adaptive fuzzy estimator. <i>International Journal of Advanced Robotic Systems</i> , 2018, 15, 172988141877320.	1.3	12
23	Parameter identification using adaptive differential evolution algorithm applied to robust control of uncertain nonlinear systems. <i>Applied Soft Computing Journal</i> , 2018, 71, 672-684.	4.1	24
24	Robot manipulator identification based on adaptive multiple-input and multiple-output neural model optimized by advanced differential evolution algorithm. <i>International Journal of Advanced Robotic Systems</i> , 2017, 14, 172988141667769.	1.3	8
25	A novel adaptive feed-forward-PID controller of a SCARA parallel robot using pneumatic artificial muscle actuator based on neural network and modified differential evolution algorithm. <i>Robotics and Autonomous Systems</i> , 2017, 96, 65-80.	3.0	57
26	Adaptive evolutionary neural control of perturbed nonlinear serial PAM robot. <i>Neurocomputing</i> , 2017, 267, 525-544.	3.5	7
27	Identification of 2-DOF pneumatic artificial muscle system with multilayer fuzzy logic and differential evolution algorithm. , 2017, , .		7
28	A Stable Lyapunov Approach of Advanced Sliding Mode Control for Swing up and Robust Balancing Implementation for the Pendubot System. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 411-425.	0.3	3
29	A Novel Advanced Controller for Robust Stability of High Order Plants with Time-Delay and Uncertainty. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 399-409.	0.3	0
30	Adaptive displacement online control of shape memory alloys actuator based on neural networks and hybrid differential evolution algorithm. <i>Neurocomputing</i> , 2015, 166, 464-474.	3.5	20
31	Inverse kinematics solution for robot manipulator based on adaptive MIMO neural network model optimized by hybrid differential evolution algorithm. , 2014, , .		11
32	Adaptive Backstepping Self-balancing Control of a Two-wheel Electric Scooter. <i>International Journal of Advanced Robotic Systems</i> , 2014, 11, 165.	1.3	18