

Ho Pham Huy Anh

List of Publications by Year in descending order

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all docs

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docs citations

99
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive sliding mode control with hysteresis compensation-based neuroevolution for motion tracking of piezoelectric actuator. Applied Soft Computing Journal, 2022, 115, 108257.	4.1	8
2	Novel Sensorless PMSM Speed Control Using Advanced Fuzzy MRAS Algorithm. Arabian Journal for Science and Engineering, 2022, 47, 14531-14542.	1.7	4
3	Adaptive inverse multilayer fuzzy control for uncertain nonlinear system optimizing with differential evolution algorithm. Applied Intelligence, 2021, 51, 527-548.	3.3	9
4	Hybrid Fuzzy Sliding Mode Control for Uncertain PAM Robot Arm Plant Enhanced with Evolutionary Technique. International Journal of Computational Intelligence Systems, 2021, 14, 594.	1.6	2
5	Real-time identified chaotic plants using neural enhanced learning machine technique. Engineering Computations, 2021, 38, 2810-2832.	0.7	3
6	Optimal FOC-PID Parameters of BLDC Motor System Control Using Parallel PM-PSO Optimization Technique. International Journal of Computational Intelligence Systems, 2021, 14, 1142.	1.6	6
7	Multi-View Digital Mammography Mass Classification: A Convolutional Neural Network Model Approach. , 2021, , .		2
8	A new approach for three-dimensional trajectory tracking control of under-actuated AUVs with model uncertainties. Ocean Engineering, 2021, 228, 108951.	1.9	22
9	Extended Permanent Magnet Synchronous Motors Speed Range Based on the Active and Reactive Power Control of Inverters. Energies, 2021, 14, 3549.	1.6	5
10	Hysteresis compensation and adaptive control based evolutionary neural networks for piezoelectric actuator. International Journal of Intelligent Systems, 2021, 36, 5472-5492.	3.3	9
11	Robust Biped Walking Pattern Generation Using Hybrid Nonlinear Autoregressive eXogenous and Multi-Layer Perceptron Neural Networks Optimized by Improved Differential Evolution Algorithm. , 2021, , .		1
12	Robust extreme learning machine neural approach for uncertain nonlinear hyperchaotic system identification. International Journal of Robust and Nonlinear Control, 2021, 31, 9127-9148.	2.1	4
13	Hysteresis modelling and compensation for piezoelectric actuator using Jaya-BP neural network. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 7836-7847.	1.1	3
14	Optimized Gait Planning of Biped Robot Using Multi-objective JAYA Algorithm. Advances in Intelligent Systems and Computing, 2021, , 178-190.	0.5	2
15	Improve Stability of Deep Flux Weakening Operation Control Strategies for IPMSM. Advances in Intelligent Systems and Computing, 2021, , 191-202.	0.5	0
16	Machine Learning-Based Evolutionary Neural Network Approach Applied in Breast Cancer Tumor Classification. Advances in Intelligent Systems and Computing, 2021, , 72-83.	0.5	1
17	Parameters identification of Bouc-Wen hysteresis model for piezoelectric actuators using hybrid adaptive differential evolution and Jaya algorithm. Engineering Applications of Artificial Intelligence, 2020, 87, 103317.	4.3	57
18	Optimal energy management of microgrid using advanced multi-objective particle swarm optimization. Engineering Computations, 2020, 37, 2085-2110.	0.7	9

#	ARTICLE	IF	CITATIONS
19	Uncertain nonlinear system identification using Jaya-based adaptive neural network. <i>Soft Computing</i> , 2020, 24, 17123-17132.	2.1	12
20	Inverse adaptive multilayer T-S fuzzy controller for uncertain nonlinear system optimized by differential evolution algorithm. <i>Soft Computing</i> , 2020, 24, 14073-14089.	2.1	3
21	Optimal Walking Gait Generator for Biped Robot Using Modified Jaya Optimization Technique. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 382.	1.6	5
22	Novel Approach of Robust Hinf Tracking Control for Uncertain Fuzzy Descriptor Systems Using Parametric Lyapunov Function. <i>Journal of Computer Science and Cybernetics</i> , 2020, 36, 69-88.	0.1	0
23	Fuzzy Load Forecast with Optimized Parametric Adjustment Using Jaya Optimization Algorithm. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 875.	1.6	2
24	Adaptive multilayer T-S fuzzy controller for nonlinear SISO system optimized by differential evolution algorithm. <i>Science & Technology Development Journal - Engineering and Technology</i> , 2020, 3, First.	0.1	0
25	Optimized stable gait planning of biped robot using multi-objective evolutionary JAYA algorithm. <i>International Journal of Advanced Robotic Systems</i> , 2020, 17, 172988142097634.	1.3	4
26	Parallel Multi-Population Technique for Meta-Heuristic Algorithms on Multi Core Processor. , 2020, , .		1
27	Adaptive MIMO Fuzzy Controller for Double Coupled Tank System optimizing by Jaya Algorithm. , 2020, , .		2
28	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
29	Advanced Intelligent Fuzzy Control of Standalone PV-Wind-Diesel Hybrid System. , 2019, , .		4
30	Advanced PMSM Machine Parameter Identification Using Modified Jaya Algorithm. , 2019, , .		6
31	Hysteresis Identification of Piezoelectric Actuator Using Neural Network Trained By Jaya Algorithm. , 2019, , .		2
32	Optimal nature-walking gait for humanoid robot using Jaya optimization algorithm. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988808.	0.8	7
33	Optimal Biped Walking Pattern Generator with Preset Hip-Shift Using JAYA Optimization Algorithm. , 2019, , .		1
34	Optimal stable gait for nonlinear uncertain humanoid robot using central force optimization algorithm. <i>Engineering Computations</i> , 2019, 36, 599-621.	0.7	8
35	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
36	Cascade Training Multilayer Fuzzy Model for Identifying Nonlinear MIMO System. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 1017-1031.	0.3	0

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37	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
38	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
39	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
40	Cascade Training Multilayer Fuzzy Model for Nonlinear Uncertain System Identification Optimized by Differential Evolution Algorithm. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 1671-1684.	2.3	6
41	Stable Gait Optimization for Small-Sized Humanoid Robot Using CFO. , 2018, , .		5
42	Adaptive Evolutionary Neural Network Gait Generation for Humanoid Robot Optimized with Modified Differential Evolution Algorithm. , 2018, , .		2
43	Advanced Speed Control of PMSM Motor Using Neural FOC Method. , 2018, , .		9
44	Adaptive gait generation for humanoid robot using evolutionary neural model optimized with modified differential evolution technique. <i>Neurocomputing</i> , 2018, 320, 112-120.	3.5	23
45	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
46	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
47	Advanced force control of the 2-axes PAM-based manipulator using adaptive neural networks. <i>Robotica</i> , 2018, 36, 1333-1362.	1.3	8
48	NOVEL OPTIMAL COORDINATED VOLTAGE CONTROL FOR DISTRIBUTION NETWORKS USING DIFFERENTIAL EVOLUTION TECHNIQUE. <i>Journal of Computer Science and Cybernetics</i> , 2018, 34, 3-16.	0.1	0
49	Comparative stable walking gait optimization for small-sized biped robot using meta-heuristic optimization algorithms. <i>Vietnam Journal of Mechanics</i> , 2018, 40, 407-424.	0.2	2
50	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
51	Implementation of adaptive fuzzy sliding mode control for nonlinear uncertain serial pneumatic-artificial-muscle (PAM) robot system. , 2017, , .		3
52	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
53	Adaptive evolutionary neural control of perturbed nonlinear serial PAM robot. <i>Neurocomputing</i> , 2017, 267, 525-544.	3.5	7
54	Identification of 2-DOF pneumatic artificial muscle system with multilayer fuzzy logic and differential evolution algorithm. , 2017, , .		7

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55	Implementation of hybrid adaptive fuzzy sliding model control and evolutionary neural observer for biped robot systems. , 2017, , .		1
56	A Stable Lyapunov Approach of Advanced Sliding Mode Control for Swing up and Robust Balancing Implementation for the Pendubot System. Lecture Notes in Electrical Engineering, 2016, , 411-425.	0.3	3
57	A Novel Advanced Controller for Robust Stability of High Order Plants with Time-Delay and Uncertainty. Lecture Notes in Electrical Engineering, 2016, , 399-409.	0.3	0
58	Adaptive displacement online control of shape memory alloys actuator based on neural networks and hybrid differential evolution algorithm. Neurocomputing, 2015, 166, 464-474.	3.5	20
59	Hybrid PD and adaptive backstepping control for self-balancing two-wheel electric scooter. Journal of Computer Science and Cybernetics, 2015, 30, .	0.1	0
60	Inverse kinematics solution for robot manipulator based on adaptive MIMO neural network model optimized by hybrid differential evolution algorithm. , 2014, , .		11
61	Adaptive Line Trajectory Identification of Industrial 5-DOF Robot Arm Using Neural MIMO NARX Model. Lecture Notes in Electrical Engineering, 2014, , 605-615.	0.3	5
62	Implementation of supervisory controller for solar PV microgrid system using adaptive neural model. International Journal of Electrical Power and Energy Systems, 2014, 63, 1023-1029.	3.3	12
63	Adaptive Backstepping Self-balancing Control of a Two-wheel Electric Scooter. International Journal of Advanced Robotic Systems, 2014, 11, 165.	1.3	18
64	A NEW APPROACH OF THE 2-AXES PAM ROBOT ARM IDENTIFICATION USING NEURAL MIMO NARX MODEL. International Journal on Artificial Intelligence Tools, 2013, 22, 1250039.	0.7	1
65	Novel Adaptive Forward Neural MIMO NARX Model Application for Modelling of Biped Robot's Arm Kinematics. Nihon AEM Gakkaishi, 2013, 21, 419-424.	0.0	1
66	Medical Image Classification and Symptoms Detection Using Fuzzy NARX Technique. IFMBE Proceedings, 2013, , 335-342.	0.2	2
67	Adaptive trajectory modeling of humanoid robot 3-DOF arm using inverse neural MIMO NARX model. , 2012, , .		1
68	Inverse Adaptive Fuzzy model identification of the 2-axes PAM robot arm. , 2012, , .		0
69	Implementation an adaptive fuzzy NARX controller for MPPT PV supplied DC pump motor. , 2012, , .		3
70	Novel Adaptive Forward Neural MIMO NARX Model for the Identification of Industrial 3-DOF Robot Arm Kinematics. International Journal of Advanced Robotic Systems, 2012, 9, 104.	1.3	10
71	Modeling Identification of the Nonlinear Robot Arm System Using MISO NARX Fuzzy Model and Genetic Algorithm. , 2011, , .		2
72	A New Approach of the Online Tuning Gain Scheduling Nonlinear PID Controller Using Neural Network. , 2011, , .		2

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73	Hybrid control of a pneumatic artificial muscle (PAM) robot arm using an inverse NARX fuzzy model. Engineering Applications of Artificial Intelligence, 2011, 24, 697-716.	4.3	59
74	Modeling and Adaptive Self-Tuning MVC Control of PAM Manipulator Using Online Observer Optimized with Modified Genetic Algorithm. Engineering, 2011, 03, 130-143.	0.4	4
75	Online tuning gain scheduling MIMO neural PID control of the 2-axes pneumatic artificial muscle (PAM) robot arm. Expert Systems With Applications, 2010, 37, 6547-6560.	4.4	59
76	Inverse Neural MIMO NARX Model Identification of Nonlinear System Optimized with PSO. , 2010, , .		5
77	Dynamic Model Identification of PAM-Based Rehabilitation Robot Using Neural MIMO NARX Model. IFMBE Proceedings, 2010, , 39-43.	0.2	2
78	Inverse Double NARX Fuzzy Modeling for System Identification. IEEE/ASME Transactions on Mechatronics, 2010, 15, 136-148.	3.7	48
79	Particle swarm optimization identification of IPMC actuator using fuzzy NARX model. , 2010, , .		2
80	Dynamic Model Identification of 2-Axes PAM Robot Arm Using Neural MIMO NARX Model. Lecture Notes in Computer Science, 2009, , 473-479.	1.0	1
81	Identification of pneumatic artificial muscle manipulators by a MGA-based nonlinear NARX fuzzy model. Mechatronics, 2009, 19, 106-133.	2.0	55
82	Design and implementation of an adaptive recurrent neural networks (ARNN) controller of the pneumatic artificial muscle (PAM) manipulator. Mechatronics, 2009, 19, 816-828.	2.0	43
83	Inverse Dynamic model identification of 2-axes PAM robot arm using neural MIMO NARX model. , 2009, , .		4
84	Comparative study of modeling and identification of the pneumatic artificial muscle (PAM) manipulator using recurrent neural networks. Journal of Mechanical Science and Technology, 2008, 22, 1287-1298.	0.7	15
85	Dynamic model identification of the 2-Axes PAM robot arm using neural MIMO NARX model. , 2008, , .		3
86	Inverse model identification of 2-axes pneumatic artificial muscle (PAM) robot arm using double NARX Fuzzy Model and genetic algorithm. , 2008, , .		0
87	A comparative study of position control of a SMA actuated manipulator. , 2008, , .		4
88	Identification of the 2-Axes Pneumatic Artificial Muscle (PAM) Robot Arm Using Double NARX Fuzzy Model and Genetic Algorithm. , 2008, , .		2
89	System Identification and Self-Tuning Pole Placement Control of the Two-Axes Pneumatic Artificial Muscle Manipulator Optimized by Genetic Algorithm. , 2007, , .		5
90	System Modeling Identification and Control of the Two-Link Pneumatic Artificial Muscle Manipulator Optimized with Genetic Algorithms. , 2007, , .		9

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91	Design&Implementation an Adaptive Takagi-Sugeno Fuzzy Neural Networks Controller for the 2-Links Pneumatic Artificial Muscle (PAM) Manipulator using in Elbow Rehabilitation. , 2006, , .		5
92	System Modeling and Identification the Two-Link Pneumatic Artificial Muscle (PAM) Manipulator Optimized with Genetic Algorithms. , 2006, , .		21
93	Advanced Sensor-Less Control of IPMSM Motor Using Adaptive Neural FOC Approach. Applied Mechanics and Materials, 0, 894, 149-157.	0.2	0
94	ADVANCED INTELLIGENT IDENTIFICATION OF PMSM PARAMETER USING MODIFIED JAYA OPTIMIZATION ALGORITHM. , 0, , .		1
95	Novel Approach of Robust Hinf Tracking Control for Uncertain Fuzzy Descriptor Systems Using Parametric Lyapunov Function. Journal of Computer Science and Cybernetics, 0, 36, 69-88.	0.1	0