

Mohamed Hamdy

List of Publications by Year in descending order

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43
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified repetitive periodic event-triggered control with equivalent-input-disturbance for linear systems subject to unknown disturbance. International Journal of Control, 2022, 95, 1825-1837.	1.9	21
2	Control in the loop for synchronization of nonlinear chaotic systems via adaptive intuitionistic neuro-fuzzy: a comparative study. Complex & Intelligent Systems, 2022, 8, 3437-3450.	6.5	5
3	Periodic event-triggered modified repetitive control with equivalent-input-disturbance estimator based on T-S fuzzy model for nonlinear systems. Soft Computing, 2022, 26, 6443-6459.	3.6	11
4	Control and synchronization for two Chua systems based on intuitionistic fuzzy control scheme: A comparative study. Transactions of the Institute of Measurement and Control, 2021, 43, 1650-1667.	1.7	8
5	Experimental verification of a hybrid control scheme with chaotic whale optimization algorithm for nonlinear gantry crane: A comparative study. ISA Transactions, 2020, 98, 418-433.	5.7	18
6	Design of adaptive intuitionistic fuzzy controller for synchronisation of uncertain chaotic systems. CAAI Transactions on Intelligence Technology, 2020, 5, 237-246.	8.1	8
7	Enhanced adaptive control for a benchmark piezoelectric-actuated system via fuzzy approximation. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1329-1343.	4.1	34
8	A novel inverted fuzzy decoupling scheme for MIMO systems with disturbance: a case study of binary distillation column. Journal of Intelligent Manufacturing, 2018, 29, 1859-1871.	7.3	17
9	Comparative study of different decoupling schemes for TITO binary distillation column via PI controller. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 869-877.	13.1	18
10	Adaptive Fuzzy Predictive Controller for a Class of Networked Nonlinear Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2018, 26, 2135-2144.	9.8	80
11	A hybrid partial feedback linearization and deadbeat control scheme for a nonlinear gantry crane. Journal of the Franklin Institute, 2018, 355, 6286-6299.	3.4	43
12	Design of Adaptive Fuzzy Control for a Class of Networked Nonlinear Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	20
13	Adaptive fuzzy controller for a class of nonlinear systems with unknown backlash-like hysteresis. International Journal of Systems Science, 2017, 48, 2522-2533.	5.5	58
14	Time-Varying Delay Compensation for a Class of Nonlinear Control Systems Over Network via Adaptive Fuzzy Controller. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2114-2124.	9.3	116
15	Design of Smith Predictor and Fuzzy Decoupling for MIMO Chemical Processes with Time Delays. Asian Journal of Control, 2017, 19, 57-66.	3.0	16
16	Non-fragile controller design for a class of multivariable bilinear systems. IMA Journal of Mathematical Control and Information, 2016, 33, 441-455.	1.7	4
17	Robust fuzzy output feedback controller for affine nonlinear systems via T-S fuzzy bilinear model: CSTR benchmark. ISA Transactions, 2015, 57, 85-92.	5.7	43
18	Fuzzy PDC controller for a class of T-S fuzzy bilinear system via output feedback. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Adaptive neural decentralized control for strict feedback nonlinear interconnected systems via backstepping. Neural Computing and Applications, 2014, 24, 259-269.	5.6	45
20	A new calculation method of feedback controller gain for bilinear paper-making process with disturbance. Journal of Process Control, 2014, 24, 1402-1411.	3.3	9
21	Observer-based Adaptive Fuzzy Control for a Class of Nonlinear Time-delay Systems. International Journal of Automation and Computing, 2013, 10, 275-280.	4.5	26
22	Flatness-based adaptive fuzzy output tracking excitation control for power system generators. Journal of the Franklin Institute, 2013, 350, 2334-2353.	3.4	44
23	State Observer Based Dynamic Fuzzy Logic System for a Class of SISO Nonlinear Systems. International Journal of Automation and Computing, 2013, 10, 118-124.	4.5	17
24	Non-fragile bilinear state feedback controller for a class of MIMO bilinear systems. , 2013, , .		2
25	Extended dynamic fuzzy logic system for a class of MIMO nonlinear systems and its application to robotic manipulators. Robotica, 2013, 31, 251-265.	1.9	7
26	Fuzzy observer-based adaptive control for a class of nonlinear systems with unknown time delays. , 2012, , .		0
27	ADAPTIVE FUZZY-BASED TRACKING CONTROL FOR A CLASS OF STRICT-FEEDBACK SISO NONLINEAR TIME-DELAY SYSTEMS WITHOUT BACKSTEPPING. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2012, 20, 339-353.	1.9	20
28	Adaptive fuzzy flatness-based excitation control for power system generators. , 2012, , .		1
29	Optimized Adaptive Multi Lane technique: For LTE radio access VoIP. , 2011, , .		1
30	Adaptive Multi Lane technique for LTE radio access VoIP. , 2011, , .		1
31	Adaptive Mamdani Fuzzy Backstepping Control for a Class of Strict-feedback Nonlinear Time-varying Delay Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 229-234.	0.4	1
32	Robust adaptive fuzzy semi-decentralized control for a class of large-scale nonlinear systems using input-output linearization concept. International Journal of Robust and Nonlinear Control, 2010, 20, 27-40.	3.7	22
33	Adaptive fuzzy control for strict-feedback nonlinear time -delay systems without backstepping scheme. , 2010, , .		1
34	Improvement of QoS management in wireless sensor/actuator networks using fuzzy-genetic approach. , 2009, , .		1
35	Adaptive fuzzy decentralized control for interconnected MIMO nonlinear subsystems. Automatica, 2009, 45, 456-462.	5.0	67
36	Adaptive Mamdani fuzzy control for a class of nonlinear time-delays systems. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
37	Adaptive fuzzy semi-decentralized control for a class of large-scale nonlinear systems based on input-output linearization concept. , 2007, , .		0
38	Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems with MIMO Subsystems. , 2006, , .		4
39	Adaptive fuzzy semi-decentralized control for a class of large-scale nonlinear systems with unknown interconnections. International Journal of Robust and Nonlinear Control, 2006, 16, 687-708.	3.7	28
40	Call Admission Control for ATM System using Fuzzy Control Approach. , 2006, , .		0
41	Direct adaptive fuzzy decentralized control for a class of large-scale nonlinear systems. , 2004, , .		2