

Abdesselem Boulkroune

List of Publications by Year in descending order

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90
papers

2,859
citations

159358

30
h-index

174990

52
g-index

91
all docs

91
docs citations

91
times ranked

1536
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Fuzzy Backstepping Tracking Control for Strict-Feedback Systems With Input Delay. IEEE Transactions on Fuzzy Systems, 2017, 25, 642-652.	6.5	268
2	Fuzzy adaptive controller for MIMO nonlinear systems with known and unknown control direction. Fuzzy Sets and Systems, 2010, 161, 797-820.	1.6	246
3	How to design a fuzzy adaptive controller based on observers for uncertain affine nonlinear systems. Fuzzy Sets and Systems, 2008, 159, 926-948.	1.6	180
4	Adaptive fuzzy controller for multivariable nonlinear state time-varying delay systems subject to input nonlinearities. Fuzzy Sets and Systems, 2011, 164, 45-65.	1.6	115
5	Design of a fuzzy adaptive controller for MIMO nonlinear time-delay systems with unknown actuator nonlinearities and unknown control direction. Information Sciences, 2010, 180, 5041-5059.	4.0	109
6	Fuzzy generalized projective synchronization of incommensurate fractional-order chaotic systems. Neurocomputing, 2016, 173, 606-614.	3.5	100
7	On the design of observer-based fuzzy adaptive controller for nonlinear systems with unknown control gain sign. Fuzzy Sets and Systems, 2012, 201, 71-85.	1.6	98
8	Adaptive fuzzy tracking control for a class of MIMO nonaffine uncertain systems. Neurocomputing, 2012, 93, 48-55.	3.5	94
9	Fuzzy approximation-based indirect adaptive controller for multi-input multi-output non-affine systems with unknown control direction. IET Control Theory and Applications, 2012, 6, 2619-2629.	1.2	91
10	Design of a unified adaptive fuzzy observer for uncertain nonlinear systems. Information Sciences, 2014, 265, 139-153.	4.0	87
11	A fuzzy adaptive variable-structure control scheme for uncertain chaotic MIMO systems with sector nonlinearities and dead-zones. Expert Systems With Applications, 2011, 38, 14744-14750.	4.4	80
12	PSO-GSA based fuzzy sliding mode controller for DFIG-based wind turbine. ISA Transactions, 2019, 85, 177-188.	3.1	67
13	Projective synchronization of two different fractional-order chaotic systems via adaptive fuzzy control. Neural Computing and Applications, 2016, 27, 1349-1360.	3.2	63
14	Adaptive neural output-feedback control for nonstrict-feedback time-delay fractional-order systems with output constraints and actuator nonlinearities. Neural Networks, 2018, 105, 256-276.	3.3	58
15	Fuzzy adaptive observer-based projective synchronization for nonlinear systems with input nonlinearity. JVC/Journal of Vibration and Control, 2012, 18, 437-450.	1.5	56
16	Indirect adaptive fuzzy control scheme based on observer for nonlinear systems: A novel SPR-filter approach. Neurocomputing, 2014, 135, 378-387.	3.5	55
17	Fuzzy Adaptive Synchronization of Uncertain Fractional-Order Chaotic Systems. Studies in Fuzziness and Soft Computing, 2016, , 681-697.	0.6	55
18	Neural adaptive quantized output-feedback control-based synchronization of uncertain time-delay incommensurate fractional-order chaotic systems with input nonlinearities. Neurocomputing, 2017, 237, 200-225.	3.5	52

#	ARTICLE	IF	CITATIONS
19	A projective synchronization scheme based on fuzzy adaptive control for unknown multivariable chaotic systems. <i>Nonlinear Dynamics</i> , 2014, 78, 433-447.	2.7	50
20	Trajectory tracking with obstacle avoidance of redundant manipulator based on fuzzy inference systems. <i>Neurocomputing</i> , 2016, 196, 23-30.	3.5	47
21	Intelligent fuzzy controller for chaos synchronization of uncertain fractional-order chaotic systems with input nonlinearities. <i>International Journal of General Systems</i> , 2019, 48, 211-234.	1.2	45
22	State and output feedback fuzzy variable structure controllers for multivariable nonlinear systems subject to input nonlinearities. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 71, 539-556.	1.5	44
23	A fuzzy adaptive control approach for nonlinear systems with unknown control gain sign. <i>Neurocomputing</i> , 2016, 179, 318-325.	3.5	44
24	Adaptive fuzzy control based projective synchronization of uncertain nonaffine chaotic systems. <i>Complexity</i> , 2015, 21, 180-192.	0.9	42
25	Neuro-adaptive tracking control of non-integer order systems with input nonlinearities and time-varying output constraints. <i>Information Sciences</i> , 2019, 485, 170-199.	4.0	41
26	A practical projective synchronization approach for uncertain chaotic systems with dead-zone input. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4487-4500.	1.7	40
27	Fuzzy adaptive synchronization of uncertain fractional-order chaotic systems. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 893-908.	2.3	40
28	Adaptive fuzzy vector control for a doubly-fed induction motor. <i>Neurocomputing</i> , 2015, 151, 756-769.	3.5	37
29	Neural network controller design for fractional-order systems with input nonlinearities and asymmetric time-varying Pseudo-state constraints. <i>Chaos, Solitons and Fractals</i> , 2021, 144, 110742.	2.5	35
30	Adaptive sensor-fault tolerant control for a class of multivariable uncertain nonlinear systems. <i>ISA Transactions</i> , 2015, 55, 100-115.	3.1	32
31	Observer-based adaptive neural network control for a class of MIMO uncertain nonlinear time-delay non-integer-order systems with asymmetric actuator saturation. <i>Neural Computing and Applications</i> , 2017, 28, 993-1010.	3.2	32
32	Adaptive fuzzy controller for non-affine systems with zero dynamics. <i>International Journal of Systems Science</i> , 2009, 40, 367-382.	3.7	31
33	A novel 4-D hyperchaotic system with two quadratic nonlinearities and its adaptive synchronisation. <i>International Journal of Automation and Control</i> , 2018, 12, 5.	0.3	30
34	A generalized function projective synchronization scheme for uncertain chaotic systems subject to input nonlinearities. <i>International Journal of General Systems</i> , 2016, 45, 689-710.	1.2	26
35	Fuzzy Control-Based Function Synchronization of Unknown Chaotic Systems with Dead-Zone Input. <i>Studies in Fuzziness and Soft Computing</i> , 2016, , 699-718.	0.6	25
36	Adaptive fuzzy system-based variable-structure controller for multivariable nonaffine nonlinear uncertain systems subject to actuator nonlinearities. <i>Neural Computing and Applications</i> , 2017, 28, 3371-3384.	3.2	24

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37	Variable-structure backstepping controller for multivariable nonlinear systems with actuator nonlinearities based on adaptive fuzzy system. <i>Soft Computing</i> , 2019, 23, 12277-12293.	2.1	22
38	Fuzzy Adaptive State-Feedback Control Scheme of Uncertain Nonlinear Multivariable Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1703-1713.	6.5	22
39	Fuzzy Adaptive Sliding-Mode Control Scheme for Uncertain Underactuated Systems. <i>Studies in Computational Intelligence</i> , 2016, , 351-367.	0.7	21
40	OBSERVER-BASED ADAPTIVE FEEDBACK CONTROLLER OF A CLASS OF CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006, 16, 3411-3419.	0.7	19
41	Intelligent fractional-order control-based projective synchronization for chaotic optical systems. <i>Soft Computing</i> , 2019, 23, 5367-5384.	2.1	18
42	Adaptive fuzzy control for MIMO nonlinear systems with unknown dead-zone. , 2008, , .		15
43	Flatness-based adaptive fuzzy control of electrostatically actuated MEMS using output feedback. <i>Fuzzy Sets and Systems</i> , 2016, 290, 138-157.	1.6	15
44	Function vector synchronization based on fuzzy control for uncertain chaotic systems with dead-zone nonlinearities. <i>Complexity</i> , 2016, 21, 234-249.	0.9	12
45	A Novel 4-D Hyperchaotic Chemical Reactor System and Its Adaptive Control. <i>Studies in Computational Intelligence</i> , 2016, , 447-469.	0.7	12
46	Artificial neural network-based adaptive control for a DFIG-based WECS. <i>ISA Transactions</i> , 2022, 128, 171-180.	3.1	12
47	Adaptive Fuzzy Control Scheme for Variable-Speed Wind Turbines Based on a Doubly-Fed Induction Generator. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2020, 44, 629-641.	1.5	11
48	ADAPTIVE FUZZY OBSERVER FOR UNCERTAIN NONLINEAR SYSTEMS. <i>Control and Intelligent Systems</i> , 2011, 39, .	0.3	10
49	Fuzzy state-feedback control of uncertain nonlinear MIMO systems. , 2017, , .		9
50	Adaptive fuzzy control of MIMO nonlinear systems with unknown hysteresis and control gain matrix sign. , 2008, , .		8
51	Fuzzy Adaptive Synchronization of Incommensurate Fractional-Order Chaotic Systems. <i>Studies in Computational Intelligence</i> , 2016, , 363-378.	0.7	8
52	Iterative Learning Control for Strict-Feedback Nonlinear Systems with Both Structured and Unstructured Uncertainties. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 3683-3694.	1.1	8
53	High-gain observer-based adaptive fuzzy control for a class of multivariable nonlinear systems. , 2017, , .		8
54	Control of a DFIG Based WECS with Optimized PI controllers via a duplicate PSO algorithm. , 2019, , .		8

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55	A unified approach for design of indirect adaptive output-feedback fuzzy controller. International Journal of Intelligent Systems Technologies and Applications, 2008, 5, 83.	0.2	7
56	BLF-based Adaptive Fuzzy DSC for a class of Uncertain Nonlinear Systems with Full State Constraints and Input Saturation using Disturbance Observer. , 2021, , .		7
57	Adaptive Iterative Learning Control of Nonlinearly Parameterized Pure Feedback Nonlinear Systems. Journal of Control, Automation and Electrical Systems, 2017, 28, 457-469.	1.2	6
58	AN ADAPTIVE FEEDBACK CONTROLLER WITH OBSERVER FOR LINEARIZABLE CHAOTIC SYSTEMS. Control and Intelligent Systems, 2007, 35, .	0.3	6
59	Fuzzy adaptive synchronization of a class of fractional-order chaotic systems. , 2015, , .		5
60	Fuzzy approximation-based adaptive sliding-mode control scheme for underactuated systems. , 2015, , .		4
61	Adaptive fuzzy system-based variable-structure controller for uncertain MIMO nonlinear systems subject to actuator nonlinearities. , 2016, , .		4
62	Image secure transmission using chaotic synchronization. , 2017, , .		4
63	Robust Control based on Backstepping and adaptive neural network for the DFIG based WECS. , 2019, , .		4
64	Fuzzy Control-Based Synchronization of Fractional-Order Chaotic Systems With Input Nonlinearities. Advances in Computer and Electrical Engineering Book Series, 2018, , 261-288.	0.2	4
65	FUZZY ADAPTIVE CONTROLLER BASED ON OBSERVER FOR A CLASS OF UNKNOWN CHAOTIC SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 7-12.	0.4	3
66	Design of fractional-order PID controller (FOPID) for a class of fractional-order MIMO systems using a particle swarm optimization (PSO) approach. , 2013, , .		3
67	Projective Synchronization Scheme Based on Fuzzy Controller for Uncertain Multivariable Chaotic Systems. Studies in Computational Intelligence, 2015, , 73-93.	0.7	3
68	Fuzzy Adaptive Controller for a DFI-Motor. Studies in Fuzziness and Soft Computing, 2015, , 87-110.	0.6	2
69	Chaos synchronization of two different PMSM using a fractional order sliding mode controller. , 2016, , .		2
70	Output-Feedback Controller Based Projective Lag-Synchronization of Uncertain Chaotic Systems in the Presence of Input Nonlinearities. Mathematical Problems in Engineering, 2017, 2017, 1-12.	0.6	2
71	Chaos Synchronization of Optical Systems via a Fractional-Order Sliding Mode Controller. Advances in Computer and Electrical Engineering Book Series, 2018, , 218-260.	0.2	2
72	A novel 4-D hyperchaotic system with two quadratic nonlinearities and its adaptive synchronisation. International Journal of Automation and Control, 2018, 12, 5.	0.3	2

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73	Fuzzy Adaptive Controller for Uncertain Multivariable Nonlinear Systems with Both Sector Nonlinearities and Dead-Zones. Advances in Computational Intelligence and Robotics Book Series, 2015, , 334-363.	0.4	1
74	Adaptive fuzzy system-based variable-structure controller for uncertain MIMO nonlinear systems subject to actuator nonlinearities. , 2016, , .		1
75	Adaptive fuzzy state-feedback control for a class of multivariable nonlinear systems. , 2016, , .		1
76	Adaptive Neuro-Fuzzy Controller of Induction Machine Drive with Nonlinear Friction. Studies in Systems, Decision and Control, 2016, , 169-192.	0.8	1
77	Adaptive Synchronization Of Uncertain Fractional-Order Chaotic Triangular Systems Via Fuzzy Backstepping Control. , 2019, , .		1
78	Chaos synchronisation of two different PMSMs via a fractional-order sliding mode controller. International Journal of Computer Applications in Technology, 2019, 60, 165.	0.3	1
79	Fuzzy Adaptive Controller for Uncertain Multivariable Nonlinear Systems with Both Sector Nonlinearities and Dead-Zones. , 2017, , 487-515.		1
80	Adaptive fuzzy backstepping controller of induction machine. , 2015, , .		0
81	Function vector synchronization based on fuzzy control for uncertain chaotic systems with dead-zone nonlinearities. , 2015, , .		0
82	Adaptive intelligent backstepping controller of induction machines. , 2016, , .		0
83	Adaptive Fuzzy Control-Based Projective Synchronization Scheme of Uncertain Chaotic Systems with Input Nonlinearities. Lecture Notes in Electrical Engineering, 2017, , 45-59.	0.3	0
84	Chaos synchronization of optical systems via a fractional-order sliding mode controller. , 2017, , .		0
85	Synchronization of Incommensurate Fractional-Order Chaotic Systems with Input Nonlinearities Using a Fuzzy Variable-Structure Control. Lecture Notes in Electrical Engineering, 2019, , 128-142.	0.3	0
86	Projective Lag-Synchronization of Unknown Chaotic Systems with Input Nonlinearities. Lecture Notes in Electrical Engineering, 2019, , 113-127.	0.3	0
87	Design of a Fuzzy Adaptive Controller for Uncertain Nonlinear Systems with Dead-Zone and Unknown Control Direction. Studies in Computational Intelligence, 2010, , 499-517.	0.7	0
88	Adaptive iterative learning control of nonlinearly parameterised strict feedback systems with input saturation. International Journal of Automation and Control, 2018, 12, 251.	0.3	0
89	Chaos synchronisation of two different PMSMs via a fractional-order sliding mode controller. International Journal of Computer Applications in Technology, 2019, 60, 165.	0.3	0
90	Fuzzy Adaptive Controller for Uncertain Multivariable Nonlinear Systems with Both Sector Nonlinearities and Dead-Zones. , 0, , 1127-1155.		0