

Moez Feki

List of Publications by Year in descending order

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69
papers

1,444
citations

516561

16
h-index

330025

37
g-index

70
all docs

70
docs citations

70
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive fuzzy control for the stabilisation of chaotic systems. International Journal of Automation and Control, 2020, 14, 115.	0.3	3
2	Stabilizing periodic orbits of Chua's system using adaptive fuzzy sliding mode controller. International Journal of Intelligent Computing and Cybernetics, 2019, 12, 102-126.	1.6	5
3	A new biological snap oscillator: its modelling, analysis, simulations and circuit design. International Journal of Simulation and Process Modelling, 2018, 13, 419.	0.1	16
4	A new biological snap oscillator: its modelling, analysis, simulations and circuit design. International Journal of Simulation and Process Modelling, 2018, 13, 419.	0.1	4
5	Sliding Mode Based Control and Synchronization of Chaotic Systems in Presence of Parametric Uncertainties. Studies in Computational Intelligence, 2017, , 35-59.	0.7	1
6	Sliding Mode Control Applied to Electrohydraulic System. Studies in Systems, Decision and Control, 2017, , 331-363.	0.8	0
7	Controlling a mobile manipulator actuated by DC motors and a single phase H-bridge inverter. International Journal of Modelling, Identification and Control, 2017, 28, 125.	0.2	3
8	Adaptive Discrete-time Fuzzy Sliding Mode Control For a Class of Chaotic Systems. Advances in Science, Technology and Engineering Systems, 2017, 2, 395-400.	0.4	3
9	Intelligent mobile manipulator navigation using hybrid adaptive-fuzzy controller. Computers and Electrical Engineering, 2016, 56, 773-783.	3.0	11
10	Synchronisation of chaotic permanent magnet synchronous motors via adaptive control based on sliding mode observer. International Journal of Automation and Control, 2016, 10, 417.	0.3	6
11	Optimal control of a single-phase <sc>H-bridge DC-AC</sc> inverter. International Journal of Circuit Theory and Applications, 2016, 44, 744-758.	1.3	7
12	Chaotification of permanent magnet DC motor using discrete nonlinear control. , 2016, , .		2
13	Discrete-time modelling and behaviour analysis of an N-cell DC/DC buck converter. International Journal of Engineering Systems Modelling and Simulation, 2016, 8, 54.	0.2	2
14	Observer Based Robust Position Control of a Hydraulic Servo System Using Variable Structure Control. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	6
15	Bifurcation, Quasi-Periodicity, Chaos, and Co-Existence of Different Behaviors in the Controlled H-Bridge Inverter. Advances in Computational Intelligence and Robotics Book Series, 2015, , 301-332.	0.4	3
16	The compass-like biped robot revisited: Nonlinear control of the disturbed passive dynamic walking. , 2015, , .		5
17	Sliding mode control of a hydraulic servo system position using adaptive sliding surface and adaptive gain. International Journal of Modelling, Identification and Control, 2015, 23, 248.	0.2	21
18	Backstepping-based output feedback control of an electro-hydraulic servo system. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Synchronization of chaotically behaving two permanent magnet synchronous motors using adaptive controller. , 2015, , .		0
20	Tracking control of a mobile manipulator with fuzzy PD controller. , 2015, , .		7
21	Backstepping control of an electro-hydraulic servo system subject to disturbance and parameter uncertainty. , 2015, , .		1
22	Stabilizing the unstable periodic orbits of a hybrid chaotic system using optimal control. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 1043-1056.	1.7	14
23	Adaptive tracking control of a mobile manipulator actuated by DC motors. International Journal of Modelling, Identification and Control, 2014, 21, 193.	0.2	16
24	Quasi-Periodicity, Chaos and Coexistence in the Time Delay Controlled Two-Cell DC-DC Buck Converter. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450124.	0.7	8
25	Position control of a hydraulic servo system using sliding mode with discontinuous surface. , 2014, , .		2
26	Adaptive and sliding mode control of a mobile manipulator actuated by DC motors. International Journal of Automation and Control, 2014, 8, 173.	0.3	9
27	Sliding mode-based robust position control of an electrohydraulic system. , 2013, , .		5
28	Dynamic Analysis of Planetary Gear Transmission Under Time Varying Loading Conditions. Mechanisms and Machine Science, 2013, , 311-318.	0.3	6
29	Synchronization of integer order and fractional order Chua's systems using robust observer. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 625-638.	1.7	29
30	On the model identification of an incubator based on genetic algorithms. , 2012, , .		4
31	Improved static and dynamic performances of a two-cell DC-DC buck converter using a digital dynamic time-delayed control. International Journal of Circuit Theory and Applications, 2012, 40, 395-407.	1.3	15
32	Synchronizing fractional order chaotic systems with an integer order observer. , 2011, , .		2
33	Chaos in Chua circuit with fractional order low pass filter. , 2011, , .		2
34	Optimizing the dynamics of a two-cell DC-DC buck converter by time delayed feedback control. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4349-4364.	1.7	7
35	CONTROLLER DESIGN AND ANALYSIS FOR A TWO-CELL DC-DC CONVERTER IN THE PRESENCE OF SATURATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 341-361.	0.7	7
36	A NEW LOOK AT CHUA'S CIRCUIT. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 1653-1666.	0.7	5

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37	Stabilizing the unstable periodic orbits of a chaotic system using model independent adaptive time-delayed controller. <i>Nonlinear Dynamics</i> , 2010, 62, 687-704.	2.7	14
38	Feedback control design for Rössler and Chen chaotic systems anti-synchronization. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010, 374, 2835-2840.	0.9	60
39	Stability analysis of a two-cell DC/DC converter using a dynamic time delayed feedback controller. , 2010, , .		2
40	Adaptive tracking control of a mobile manipulator. , 2010, , .		1
41	Time delay feedback control of a two-cell DC-DC buck converter. , 2010, , .		0
42	STABILIZING A TWO-CELL DC-DC BUCK CONVERTER BY FIXED POINT INDUCED CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009, 19, 2043-2057.	0.7	19
43	Observer-based synchronization of chaotic systems with unknown nonlinear function. <i>Chaos, Solitons and Fractals</i> , 2009, 39, 981-990.	2.5	4
44	Sliding mode control and synchronization of chaotic systems with parametric uncertainties. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 1390-1400.	2.5	58
45	Stability analysis of two-cell Buck converter driven DC motor with a discrete-time closed loop. , 2009, , .		5
46	Coexistence of regular and chaotic behavior in the time-delayed feedback controlled two-cell DC/DC converter. , 2009, , .		6
47	Stabilizing the unstable periodic orbits of a chaotic system using adaptive time-delayed state feedback. , 2009, , .		2
48	Zero current and zero voltage static error control of a multi-cell dc/dc converter. , 2008, , .		0
49	Widening stability zone of a multi-cell DC-DC buck converter by using Fixed Point Induced Control. , 2008, , .		2
50	Sliding mode-based synchronisation and control of chaotic systems with parametric uncertainties. <i>International Journal of Modelling, Identification and Control</i> , 2008, 5, 268.	0.2	7
51	Control of a two-cell dc/dc converter in presence of saturating duty cycle. , 2008, , .		6
52	A New High Frequency Second Generation Current Conveyor Based Chaos Generator. , 2007, , .		3
53	SYNCHRONIZATION OF GENERALIZED LORENZ SYSTEM USING ADAPTIVE CONTROLLER. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 2-6.	0.4	5
54	CONTROL OF A PWM INVERTER USING PROPORTIONAL PLUS EXTENDED TIME-DELAYED FEEDBACK. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006, 16, 113-128.	0.7	66

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55	Including Leakage Flow in the Servovalve Static Model. International Journal of Modelling and Simulation, 2005, 25, 51-56.	2.3	6
56	A comparison study for chaotic modulation with multiplication and feedback. , 2004, , .		0
57	MODEL-INDEPENDENT ADAPTIVE CONTROL OF CHUA'S SYSTEM WITH CUBIC NONLINEARITY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 4249-4263.	0.7	18
58	SYNCHRONIZATION OF CHAOTIC SYSTEMS WITH PARAMETRIC UNCERTAINTIES USING SLIDING OBSERVERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 2467-2475.	0.7	10
59	ADAPTIVE TIME-DELAYED FEEDBACK FOR CHAOS CONTROL IN A PWM SINGLE PHASE INVERTER. Journal of Circuits, Systems and Computers, 2004, 13, 519-534.	1.0	28
60	A result on the stabilization of nonlinear systems using state detection. Applied Mathematics Letters, 2003, 16, 741-746.	1.5	1
61	Observer-based chaotic synchronization in the presence of unknown inputs. Chaos, Solitons and Fractals, 2003, 15, 831-840.	2.5	48
62	An adaptive feedback control of linearizable chaotic systems. Chaos, Solitons and Fractals, 2003, 15, 883-890.	2.5	92
63	An adaptive chaos synchronization scheme applied to secure communication. Chaos, Solitons and Fractals, 2003, 18, 141-148.	2.5	483
64	Secure digital communication using discrete-time chaos synchronization. Chaos, Solitons and Fractals, 2003, 18, 881-890.	2.5	77
65	Observer-based exact synchronization of ideal and mismatched chaotic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 53-60.	0.9	75
66	Secure digital communication using chaotic modulation with feedback. , 2003, , .		2
67	A chaotic masking scheme by using synchronized chaotic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 251, 169-176.	0.9	69
68	Synchronization of chaotic systems by using occasional coupling. Physical Review E, 1997, 55, 5004-5010.	0.8	28
69	A proportional plus extended time-delayed feedback controller for a PWM inverter. , 0, , .		9