

Saeed Khorashadizadeh

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

803
citations

430754

18
h-index

526166

27
g-index

36
all docs

36
docs citations

36
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaos synchronization using q-Chlodowsky operators as uncertainty approximator. JVC/Journal of Vibration and Control, 2023, 29, 4107-4117.	1.5	1
2	Chaos synchronization using adaptive quantum neural networks and its application in secure communication and cryptography. Neural Computing and Applications, 2022, 34, 6521-6533.	3.2	31
3	Polynomial-Based Robust Adaptive Impedance Control of Electrically Driven Robots. Robotica, 2021, 39, 1181-1201.	1.3	11
4	Neural control of robot manipulators considering motor voltage saturation: performance evaluation and experimental validation. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2021, 40, 27-29.	0.5	8
5	Observer-based adaptive control for HIV infection therapy using the Baskakov operator. Biomedical Signal Processing and Control, 2021, 65, 102343.	3.5	18
6	Observer-based adaptive control of robot manipulators using reinforcement learning and the Fourier series expansion. Transactions of the Institute of Measurement and Control, 2021, 43, 2307-2320.	1.1	10
7	$Sz\ddot{A}jsz\ddot{A}$ “Mirakyan”-based adaptive controller design for chaotic synchronization. International Journal of Robust and Nonlinear Control, 2021, 31, 1689-1703.	2.1	22
8	A note on “Fractional-order adaptive backstepping control of robotic manipulators in the presence of model uncertainties and external disturbances”. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	0
9	Secure communication based on chaos synchronization using brain emotional learning. AEU - International Journal of Electronics and Communications, 2020, 127, 153424.	1.7	20
10	Robust adaptive impedance control of robot manipulators using $Sz\ddot{A}jsz\ddot{A}$ “Mirakyan operator as universal approximator. ISA Transactions, 2020, 106, 1-11.	3.1	42
11	Robust adaptive control of robot manipulators using Bernstein polynomials as universal approximator. International Journal of Robust and Nonlinear Control, 2020, 30, 2719-2735.	2.1	34
12	Adaptive backstepping cancer control using Legendre polynomials. IET Systems Biology, 2020, 14, 8-15.	0.8	2
13	Single-loop PID controller design for electrical flexible-joint robots. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	0.8	12
14	An alternative stability proof for robust control of electrically driven robots using adaptive uncertainty estimation. Computers and Electrical Engineering, 2019, 78, 63-68.	3.0	0
15	Robust model-free control of a class of uncertain nonlinear systems using BELBIC: stability analysis and experimental validation. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	14
16	Direct adaptive model-free control of a class of uncertain nonlinear systems using Legendre polynomials. Transactions of the Institute of Measurement and Control, 2019, 41, 3081-3091.	1.1	18
17	Tracking Control of Electrically Driven Robots Using a Model-free Observer. Robotica, 2019, 37, 729-755.	1.3	19
18	FAT-Based Robust Adaptive Control of Electrically Driven Robots in Interaction with Environment. Robotica, 2019, 37, 779-800.	1.3	22

#	ARTICLE	IF	CITATIONS
19	Designing multi-layer quantum neural network controller for chaos control of rod-type plasma torch system using improved particle swarm optimization. <i>Evolving Systems</i> , 2019, 10, 317-331.	2.4	26
20	Robust impedance control of robot manipulators using differential equations as universal approximator. <i>International Journal of Control</i> , 2018, 91, 2170-2186.	1.2	26
21	Adaptive back-stepping control of robot manipulators using the Fourier series expansion. , 2018, , .		2
22	Synchronization of two different chaotic systems using Legendre polynomials with applications in secure communications. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2018, 19, 1180-1190.	1.5	19
23	Adaptive fuzzy tracking control of robot manipulators actuated by permanent magnet synchronous motors. <i>Computers and Electrical Engineering</i> , 2018, 72, 100-111.	3.0	34
24	Chaos synchronization using higher-order adaptive PID controller. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 94, 157-167.	1.7	21
25	Uncertainty estimation in robust tracking control of robot manipulators using the Fourier series expansion. <i>Robotica</i> , 2017, 35, 310-336.	1.3	46
26	Robust task-space control of robot manipulators using differential equations for uncertainty estimation. <i>Robotica</i> , 2017, 35, 1923-1938.	1.3	36
27	Chaos synchronization using the Fourier series expansion with application to secure communications. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 82, 37-44.	1.7	28
28	Voltage tracking control of DC-DC boost converter using brain emotional learning. , 2016, , .		19
29	Optimal sliding mode control of a robot manipulator under uncertainty using PSO. <i>Nonlinear Dynamics</i> , 2016, 84, 2227-2239.	2.7	26
30	Model free robust impedance control of robot manipulators using fourier series expansion. , 2015, , .		8
31	Robust task-space control of robot manipulators using Legendre polynomials for uncertainty estimation. <i>Nonlinear Dynamics</i> , 2015, 79, 1151-1161.	2.7	48
32	Model-free discrete control for robot manipulators using a fuzzy estimator. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2014, 33, 1051-1067.	0.5	27
33	Adaptive fourier series-based control of electrically driven robot manipulators. , 2013, , .		14
34	Optimal robust voltage control of electrically driven robot manipulators. <i>Nonlinear Dynamics</i> , 2012, 70, 1445-1458.	2.7	44
35	Robust control of electrically driven robots by adaptive fuzzy estimation of uncertainty. <i>Nonlinear Dynamics</i> , 2012, 69, 1465-1477.	2.7	93
36	Adaptive control of robot manipulators driven by permanent magnet synchronous motors using orthogonal functions theorem. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632210857.	1.5	2