Saeed Khorashadizadeh

List of Publications by Year
in descending order

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36	803	430754	526166
papers	citations	18	27
		h-index	g-index

36	36	36	425
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust control of electrically driven robots by adaptive fuzzy estimation of uncertainty. Nonlinear Dynamics, 2012, 69, 1465-1477.	2.7	93
2	Robust task-space control of robot manipulators using Legendre polynomials for uncertainty estimation. Nonlinear Dynamics, 2015, 79, 1151-1161.	2.7	48
3	Uncertainty estimation in robust tracking control of robot manipulators using the Fourier series expansion. Robotica, 2017, 35, 310-336.	1.3	46
4	Optimal robust voltage control of electrically driven robot manipulators. Nonlinear Dynamics, 2012, 70, 1445-1458.	2.7	44
5	Robust adaptive impedance control of robot manipulators using SzÃ¡szâ€“Mirakyan operator as universal approximator. ISA Transactions, 2020, 106, 1-11.	3.1	42
6	Robust task-space control of robot manipulators using differential equations for uncertainty estimation. Robotica, 2017, 35, 1923-1938.	1.3	36
7	Adaptive fuzzy tracking control of robot manipulators actuated by permanent magnet synchronous motors. Computers and Electrical Engineering, 2018, 72, 100-111.	3.0	34
8	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
9	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
10	Chaos synchronization using the Fourier series expansion with application to secure communications. AEU - International Journal of Electronics and Communications, 2017, 82, 37-44.	1.7	28
11	Model-free discrete control for robot manipulators using a fuzzy estimator. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2014, 33, 1051-1067.	0.5	27
12	Optimal sliding mode control of a robot manipulator under uncertainty using PSO. Nonlinear Dynamics, 2016, 84, 2227-2239.	2.7	26
13	Robust impedance control of robot manipulators using differential equations as universal approximator. International Journal of Control, 2018, 91, 2170-2186.	1.2	26
14	Designing multi-layer quantum neural network controller for chaos control of rod-type plasma torch system using improved particle swarm optimization. Evolving Systems, 2019, 10, 317-331.	2.4	26
15	FAT-Based Robust Adaptive Control of Electrically Driven Robots in Interaction with Environment. Robotica, 2019, 37, 779-800.	1.3	22
16	<scp>SzÃ¡szâ€“Mirakyan</scp>â€based adaptive controller design for chaotic synchronization. International Journal of Robust and Nonlinear Control, 2021, 31, 1689-1703.	2.1	22
17	Chaos synchronization using higher-order adaptive PID controller. AEU - International Journal of Electronics and Communications, 2018, 94, 157-167.	1.7	21
18	Secure communication based on chaos synchronization using brain emotional learning. AEU - International Journal of Electronics and Communications, 2020, 127, 153424.	1.7	20

#	Article	IF	Citations
19	Voltage tracking control of DC-DC boost converter using brain emotional learning. , 2016, , .		19
20	Synchronization of two different chaotic systems using Legendre polynomials with applications in secure communications. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 1180-1190.	1.5	19
21	Tracking Control of Electrically Driven Robots Using a Model-free Observer. Robotica, 2019, 37, 729-755.	1.3	19
22	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
23	Observer-based adaptive control for HIV infection therapy using the Baskakov operator. Biomedical Signal Processing and Control, 2021, 65, 102343.	3.5	18
24	Adaptive fourier series-based control of electrically driven robot manipulators. , 2013, , .		14
25	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
26	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
27	Polynomial-Based Robust Adaptive Impedance Control of Electrically Driven Robots. Robotica, 2021, 39, 1181-1201.	1.3	11
28	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
29	Model free robust impedance control of robot manipulators using fourier series expansion. , 2015, , .		8
30	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
31	Adaptive back-stepping control of robot manipulators using the Fourier series expansion. , 2018, , .		2
32	Adaptive backâ€stepping cancer control using Legendre polynomials. IET Systems Biology, 2020, 14, 8-15.	0.8	2
33	Adaptive control of robot manipulators driven by permanent magnet synchronous motors using orthogonal functions theorem. JVC/Journal of Vibration and Control, 0, , 107754632210857.	1.5	2
34	Chaos synchronization using q-Chlodowsky operators as uncertainty approximator. JVC/Journal of Vibration and Control, 2023, 29, 4107-4117.	1.5	1
35	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
36	A note on â€œFractional-order adaptive backstepping control of robotic manipulators in the presence of model uncertainties and external disturbancesâ€• Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	0