

Yaprak YalÄin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

74
citations

1937685

4
h-index

1872680

6
g-index

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all docs

15
docs citations

15
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Immersion and invariance disturbance observer-based nonlinear discrete-time control for fully actuated mechanical systems. <i>International Journal of Systems Science</i> , 2022, 53, 388-401.	5.5	1
2	A novel hybrid firefly-whale optimization algorithm and its application to optimization of MPC parameters. <i>Soft Computing</i> , 2022, 26, 1845-1872.	3.6	13
3	Backstepping control for a class of underactuated nonlinear mechanical systems with a novel coordinate transformation in the discrete-time setting. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2022, 236, 1211-1223.	1.0	4
4	A decentralized emergency control scheme for power System transient stability enhancement based on model predictive control. <i>Electric Power Systems Research</i> , 2022, 209, 107984.	3.6	0
5	Discrete-time backstepping control with nonlinear adaptive disturbance attenuation for the inverted-pendulum system. <i>Transactions of the Institute of Measurement and Control</i> , 2021, 43, 1068-1076.	1.7	6
6	Discrete-Time I&I Adaptive Control for a Class of Uncertain Port-Controlled Hamiltonian Systems. , 2019, , .		0
7	Discrete-time Backstepping Control for Cart-Pendulum System with Disturbance Attenuation via I&I Disturbance Estimation. , 2018, , .		3
8	Discrete-Time Backstepping Control for Underactuated Mechanical System with a Novel Coordinate Transformation. , 2018, , .		0
9	Nonlinear Discrete-Time Disturbance Attenuation for Robotic Manipulators with Immersion and Invariance Approach. , 2018, , .		2
10	Discrete time immersion and invariance adaptive control via partial state feedback for systems in block strict feedback form. <i>European Journal of Control</i> , 2015, 25, 27-38.	2.6	7
11	A new approach on angular position control of fan and plate system. , 2014, , .		1
12	A new approach for the design of relay control circuits. , 2013, , .		0
13	Immersion and invariance adaptive control for discrete time systems in strict feedback form. <i>Systems and Control Letters</i> , 2012, 61, 1132-1137.	2.3	29
14	Discrete time immersion and invariance adaptive control for systems in strict feedback form. , 2011, , .		7
15	Immersion and invariance control for Euler angles of a fixed-wing unmanned aerial vehicle. <i>Asian Journal of Control</i> , 0, , .	3.0	1