Yaprak Yalçin

List of Publications by Year
in descending order

15	74	1937685 4	1872680 6
papers	citations	h-index	g-index

15	15	15	30
all docs	docs citations	times ranked	citing authors

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