

Young Sam Lee

List of Publications by Year in descending order

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17
papers

1,906
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Delay-dependent robust stabilization of uncertain state-delayed systems. International Journal of Control, 2001, 74, 1447-1455.	1.9	1,370
2	Maximum allowable delay bounds of networked control systems. Control Engineering Practice, 2003, 11, 1301-1313.	5.5	332
3	A simple receding horizon control for state delayed systems and its stability criterion. Journal of Process Control, 2003, 13, 539-551.	3.3	50
4	Implementation of a Ball and Plate Control System Using Sliding Mode Control. IEEE Access, 2018, 6, 32401-32408.	4.2	36
5	Swing-up control for an inverted pendulum with restricted cart rail length. International Journal of Control, Automation and Systems, 2009, 7, 674-680.	2.7	32
6	Embedded Model Predictive Control for Enhancing Tracking Performance of a Ball-and-Plate System. IEEE Access, 2019, 7, 39652-39659.	4.2	17
7	RECEDING HORIZON \hat{z} CONTROL FOR SYSTEMS WITH A STATE-DELAY. Asian Journal of Control, 2008, 8, 63-71.	3.0	16
8	Adaptive Model-Free Control With Nonsingular Terminal Sliding-Mode for Application to Robot Manipulators. IEEE Access, 2020, 8, 169897-169907.	4.2	13
9	An Improved Receding Horizon Control for Time-Delay Systems. Journal of Optimization Theory and Applications, 2015, 165, 627-638.	1.5	9
10	A Light-Weight Rapid Control Prototyping System Based on Open Source Hardware. IEEE Access, 2017, 5, 11118-11130.	4.2	9
11	Constrained receding horizon controls for nonlinear time-delay systems. Nonlinear Dynamics, 2012, 69, 149-158.	5.2	8
12	A Low-Cost Surge Current Detection Sensor with Predictive Lifetime Display Function for Maintenance of Surge Protective Devices. Sensors, 2020, 20, 2310.	3.8	7
13	A New Submersion Detection Sensor Using Two Resistance Temperature Detectors Operating on the Thermal Equilibrium Principle. Sensors, 2019, 19, 4310.	3.8	4
14	Receding Horizon \hat{z} Control for Input-Delayed Systems. Mathematical Problems in Engineering, 2012, 2012, 1-15.		
15	Explicit input and output feedback control for discrete-time systems. International Journal of Control, Automation and Systems, 2013, 11, 482-488.	2.7	1
16	Implementation of Mass-Independent Impedance Control for RFSEA Using a Linkage Arm. IEEE Access, 2019, 7, 104823-104832.	4.2	1
17	Path planning using flexible region sampling for arbitrarily-shaped obstacles. , 2017, , .		0