Young Sam Lee

List of Publications by Year
in descending order

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	Adaptive Model-Free Control With Nonsingular Terminal Sliding-Mode for Application to Robot Manipulators. IEEE Access, 2020, 8, 169897-169907.	4.2	13
2	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
3	Implementation of Mass-Independent Impedance Control for RFSEA Using a Linkage Arm. IEEE Access, 2019, 7, 104823-104832.	4.2	1
4	A New Submersion Detection Sensor Using Two Resistance Temperature Detectors Operating on the Thermal Equilibrium Principle. Sensors, 2019, 19, 4310.	3.8	4
5	Embedded Model Predictive Control for Enhancing Tracking Performance of a Ball-and-Plate System. IEEE Access, 2019, 7, 39652-39659.	4.2	17
6	Implementation of a Ball and Plate Control System Using Sliding Mode Control. IEEE Access, 2018, 6, 32401-32408.	4.2	36
7	A Light-Weight Rapid Control Prototyping System Based on Open Source Hardware. IEEE Access, 2017, 5, 11118-11130.	4.2	9
8	Path planning using flexible region sampling for arbitrarily-shaped obstacles. , 2017, , .		0
9	An Improved Receding Horizon Control for Time-Delay Systems. Journal of Optimization Theory and Applications, 2015, 165, 627-638.	1.5	9
10	Explicit input and output feedback control for discrete-time systems. International Journal of Control, Automation and Systems, 2013, 11, 482-488.	2.7	1
11	Receding Horizon<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mi>H</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:mrow></mml:math>Control for Input-Delayed Systems. Mathematical Problems in Engineering, 2012, 2012, 1-15.	1.1	3
12	Constrained receding horizon controls for nonlinear time-delay systems. Nonlinear Dynamics, 2012, 69, 149-158.	5.2	8
13	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
14	RECEDING HORIZON Hâ^ž CONTROL FOR SYSTEMS WITH A STATE-DELAY. Asian Journal of Control, 2008, 8, 63-71.	3.0	16
15	Maximum allowable delay bounds of networked control systems. Control Engineering Practice, 2003, 11, 1301-1313.	5.5	332
16	A simple receding horizon control for state delayed systems and its stability criterion. Journal of Process Control, 2003, 13, 539-551.	3.3	50
17	Delay-dependent robust stabilization of uncertain state-delayed systems. International Journal of Control, 2001, 74, 1447-1455.	1.9	1,370