

Jaemin Baek

List of Publications by Year in descending order

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625
citing authors

#	ARTICLE	IF	CITATIONS
1	SAR Image Change Detection via Multiple-Window Processing with Structural Similarity. Sensors, 2021, 21, 6645.	3.8	19
2	A Combined Approach of Classification and Regression for Oriented Object Detection of Missiles. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 1099-1107.	0.3	0
3	A Model-Free Control Scheme for Attitude Stabilization of Quadrotor Systems. Electronics (Switzerland), 2020, 9, 1586.	3.1	6
4	Adaptive Model-Free Control With Nonsingular Terminal Sliding-Mode for Application to Robot Manipulators. IEEE Access, 2020, 8, 169897-169907.	4.2	13
5	Time-Delayed Control for Automated Steering Wheel Tracking of Electric Power Steering Systems. IEEE Access, 2020, 8, 95457-95464.	4.2	8
6	Practical Approach for Developing Lateral Motion Control of Autonomous Lane Change System. Applied Sciences (Switzerland), 2020, 10, 3143.	2.5	6
7	Novel Summation-Type Triggering Condition on Event-Based Memory Output Feedback Control for Networked Control Systems. Electronics (Switzerland), 2020, 9, 779.	3.1	2
8	A New Widely and Stably Adaptive Sliding-Mode Control With Nonsingular Terminal Sliding Variable for Robot Manipulators. IEEE Access, 2020, 8, 43443-43454.	4.2	21
9	A Time-Delayed Control Scheme Using Adaptive Law with Time-Varying Boundedness for Robot Manipulators. Applied Sciences (Switzerland), 2020, 10, 44.	2.5	4
10	Practical Adaptive Sliding-Mode Control Approach for Precise Tracking of Robot Manipulators. Applied Sciences (Switzerland), 2020, 10, 2909.	2.5	14
11	An N-Modular Redundancy Framework Incorporating Response-Time Analysis on Multiprocessor Platforms. Symmetry, 2019, 11, 960.	2.2	3
12	An Adaptive Sliding Mode Control With Effective Switching Gain Tuning Near the Sliding Surface. IEEE Access, 2019, 7, 15563-15572.	4.2	39
13	A Widely Adaptive Time-Delayed Control and Its Application to Robot Manipulators. IEEE Transactions on Industrial Electronics, 2019, 66, 5332-5342.	7.9	58
14	Response-Time Analysis for Contention-Free Fixed-Priority Scheduling Algorithm. The Journal of Korean Institute of Information Technology, 2019, 17, 31-40.	0.3	0
15	Practical Time-Delay Control With Adaptive Gains for Trajectory Tracking of Robot Manipulators. IEEE Transactions on Industrial Electronics, 2018, 65, 5682-5692.	7.9	84
16	Time-delay control based on a nonlinear vehicle lateral dynamics. , 2017, , .		1
17	Deep learning based modeling for the lateral movement of a strip in hot finishing mill. , 2016, , .		0
18	Adaptive control using time delay control for synchronization of chaotic systems. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	A New Adaptive Sliding-Mode Control Scheme for Application to Robot Manipulators. IEEE Transactions on Industrial Electronics, 2016, 63, 3628-3637.	7.9	383
20	A receding horizon yaw moment control law for steer-by-wire and independent drive vehicles. , 2015, , .		2
21	A new adaptive sliding mode control scheme. , 2015, , .		1