Mrdjan Jankovic

List of Publications by Year
in descending order

15 papers	324 citations	2258059 3 h-index	2272923 4 g-index
15 all docs	15 docs citations	15 times ranked	190 citing authors

#	Article	IF	Citations
1	Robust control barrier functions for constrained stabilization of nonlinear systems. Automatica, 2018, 96, 359-367.	5.0	164
2	Control of cascade systems with time delay -- the integral cross-term approach. , 2006, , .		35
3	Composite Adaptive Internal Model Control and Its Application to Boost Pressure Control of a Turbocharged Gasoline Engine. IEEE Transactions on Control Systems Technology, 2015, 23, 2306-2315.	5.2	31
4	Control Barrier Functions for Constrained Control of Linear Systems with Input Delay. , 2018, , .		26
5	An Internal Model Control-Based Approach for Characterization and Controller Tuning of Turbocharged Gasoline Engines. IEEE Transactions on Control Systems Technology, 2021, 29, 866-875.	5.2	13
6	Control Barrier Functions With Unmodeled Input Dynamics Using Integral Quadratic Constraints. , 2022, 6, 1664-1669.		13
7	IMC based wastegate control using a first order model for turbocharged gasoline engine. , 2012, , .		11
8	Driver Intent Prediction with Barrier Functions. , 2021, , .		9
9	Enhanced composite adaptive IMC for boost pressure control of a turbocharged gasoline engine. , 2016, , .		6
10	A driver model for velocity tracking with look-ahead. , 2015, , .		5
11	Online Decentralized Decision Making With Inequality Constraints: An ADMM approach. , 2021, 5, 2156-2161.		4
12	Continuous compressor recirculation to improve boost response and mitigate compressor surge in turbocharged gasoline engines. , 2016, , .		3
13	LMI Stability-Constrained Identification for Composite Adaptive Internal Model Control. IEEE Transactions on Automatic Control, 2019, 64, 5039-5050.	5.7	2
14	Generalized composite adaptive IMC: Design and analysis. , 2016, , .		1
15	Effects of System Time Delay as Humans Learn to Control Dynamic Systems. , 2018, , .		1