

# Mohamed Adlene Maghenem

## List of Publications by Year in descending order

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23  
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1163117

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docs citations

23  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Full-Consensus Control of Nonholonomic Vehicles Under Non-Differentiable Measurement Delays. , 2021, 5, 97-102.		6
2	Consensus-Based Formation Control of Networked Nonholonomic Vehicles With Delayed Communications. IEEE Transactions on Automatic Control, 2021, 66, 2242-2249.	5.7	15
3	A unique robust controller for tracking and stabilisation of non-holonomic vehicles. International Journal of Control, 2020, 93, 2302-2313.	1.9	6
4	Cascades-Based Leader-Follower Formation Tracking and Stabilization of Multiple Nonholonomic Vehicles. IEEE Transactions on Automatic Control, 2020, 65, 3639-3646.	5.7	18
5	Lyapunov-based synchronization of networked systems: From continuous-time to hybrid dynamics. Annual Reviews in Control, 2020, 50, 335-342.	7.9	4
6	Lipschitzness of Minimal-Time Functions in Constrained Continuous-Time Systems with Applications to Reachability Analysis. , 2020, , .		3
7	Decentralized partial-consensus control of nonholonomic vehicles over networks with interconnection delays. , 2020, , .		0
8	Regularity Properties of Reachability Maps for Hybrid Dynamical Systems with Applications to Safety. , 2020, , .		3
9	Distributed consensus-formation of force-controlled nonholonomic robots with time-varying delays. Automatica, 2020, 120, 109114.	5.0	49
10	Hybrid Predictive Control for Tracking in a Single-Phase DC/AC Inverter with an Unknown Load. , 2020, , .		0
11	Characterization of Safety and Conditional Invariance for Nonlinear Systems. , 2019, , .		7
12	Monotonicity Along Solutions to Constrained Differential Inclusions. , 2019, , .		4
13	Multiple Barrier Function Certificates for Forward Invariance in Hybrid Inclusions. , 2019, , .		0
14	Multiple Barrier Function Certificates for Weak Forward Invariance in Hybrid Inclusions. , 2019, , .		2
15	Leaderless Consensus-based Formation Control of Multiple Nonholonomic Mobile Robots with Interconnecting Delays. , 2019, , .		2
16	Consensus of Multi-Agent Systems With Nonholonomic Restrictions via Lyapunov's Direct Method. , 2019, 3, 344-349.		31
17	Strict Lyapunov Functions for Model Reference Adaptive Control: Application to Lagrangian Systems. IEEE Transactions on Automatic Control, 2019, 64, 3040-3045.	5.7	20
18	A Cascades Approach to Formation-Tracking Stabilization of Force-Controlled Autonomous Vehicles. IEEE Transactions on Automatic Control, 2018, 63, 2662-2669.	5.7	14

#	ARTICLE	IF	CITATIONS
19	Formation-Tracking Control of Autonomous Vehicles Under Relaxed Persistency of Excitation Conditions. IEEE Transactions on Control Systems Technology, 2018, 26, 1860-1865.	5.2	33
20	A robust $\hat{\Gamma}$ -persistently exciting controller for leader-follower tracking-agreement of multiple vehicles. European Journal of Control, 2018, 40, 1-12.	2.6	22
21	Barrier Function Certificates for Forward Invariance in Hybrid Inclusions. , 2018, , .		10
22	Strict Lyapunov functions for time-varying systems with persistency of excitation. Automatica, 2017, 78, 274-279.	5.0	21
23	Consensus-based Formation Control of Nonholonomic Robots using a Strict Lyapunov Function. IFAC-PapersOnLine, 2017, 50, 2439-2444.	0.9	8