Vito Cerone

List of Publications by Year in descending order

19 papers	443 citations	933447 10 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	317 citing authors

#	Article	IF	Citations
1	A unified framework for the identification of a general class of multivariable nonlinear block‑structured systems. International Journal of Robust and Nonlinear Control, 2021, 31, 7344-7360.	3.7	6
2	Sparse linear regression from perturbed data. Automatica, 2020, 122, 109284.	5.0	7
3	One-shot set-membership identification of Generalized Hammerstein–Wiener systems. Automatica, 2020, 118, 109028.	5.0	10
4	An H_∞ method to design the reference model in direct data-driven control design. , 2020, , .		1
5	Enhancing low-rank solutions in semidefinite relaxations of Boolean quadratic problems. IFAC-PapersOnLine, 2020, 53, 1894-1899.	0.9	1
6	Set-membership errors-in-variables identification of MIMO linear systems. Automatica, 2018, 90, 25-37.	5.0	13
7	Computational burden reduction in set-membership identification of Wiener models. IFAC-PapersOnLine, 2018, 51, 1044-1049.	0.9	1
8	MIMO linear systems identification in the presence of bounded noise. , 2016, , .		2
9	Set-membership estimation of fiber laser physical parameters from input–output power measurements. Automatica, 2015, 61, 211-217.	5.0	4
10	A Unified Framework for Solving a General Class of Conditional and Robust Set-Membership Estimation Problems. IEEE Transactions on Automatic Control, 2014, 59, 2897-2909.	5.7	30
11	A convex relaxation approach to set-membership identification of LPV systems. Automatica, 2013, 49, 2853-2859.	5.0	18
12	Polytopic outer approximations of semialgebraic sets. , 2012, , .		8
13	Set-Membership Error-in-Variables Identification Through Convex Relaxation Techniques. IEEE Transactions on Automatic Control, 2012, 57, 517-522.	5.7	59
14	Set-membership LPV model identification of vehicle lateral dynamics. Automatica, 2011, 47, 1794-1799.	5.0	32
15	Enforcing stability constraints in set-membership identification of linear dynamic systems. Automatica, 2011, 47, 2488-2494.	5.0	62
16	Improved parameter bounds for set‑membership EIV problems. International Journal of Adaptive Control and Signal Processing, 2011, 25, 208-227.	4.1	29
17	Yaw Stability Control Design Through a Mixed-Sensitivity Approach. IEEE Transactions on Control Systems Technology, 2009, 17, 1096-1104.	5.2	33
18	Combined Automatic Lane-Keeping and Driver's Steering Through a 2-DOF Control Strategy. IEEE Transactions on Control Systems Technology, 2009, 17, 135-142.	5.2	108

#	Article	IF	Citations
19	Parameter bounds evaluation of Wiener models with noninvertible polynomial nonlinearities. Automatica, 2006, 42, 1775-1781.	5.0	19