

Alberto Isidori

List of Publications by Year in descending order

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17
papers

4,876
citations

840776

11
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	Almost Feedback Linearization via Dynamic Extension: a Paradigm for Robust Semiglobal Stabilization of Nonlinear MIMO Systems. Lecture Notes in Control and Information Sciences, 2022, , 1-26.	1.0	0
2	On the Design of Distributed Observers for Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 3229-3242.	5.7	12
3	Output Regulation of Invertible Nonlinear Systems via Robust Dynamic Feedback-Linearization. IEEE Transactions on Automatic Control, 2021, 66, 5474-5481.	5.7	7
4	An extended-observer approach to robust stabilisation of linear differential-algebraic systems. International Journal of Control, 2020, 93, 181-193.	1.9	2
5	Performance Recovery of Dynamic Feedback-Linearization Methods for Multivariable Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1365-1380.	5.7	56
6	Robust protection scheme against cyber-physical attacks in power systems. IET Control Theory and Applications, 2018, 12, 1792-1801.	2.1	13
7	Robust Output Regulation for a Class of Linear Differential-Algebraic Systems. , 2018, 2, 477-482.		5
8	Robust output regulation for invertible nonlinear MIMO systems. Automatica, 2017, 82, 278-286.	5.0	25
9	Stabilization by Output Feedback of Multivariable Invertible Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 2419-2433.	5.7	12
10	Output regulation for robustly minimum-phase multivariable nonlinear systems. , 2017, , .		4
11	Nonlinear output regulation for invertible nonlinear MIMO systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2401-2417.	3.7	27
12	A consequence of invertibility on the normal form of a MIMO nonlinear systems. IFAC-PapersOnLine, 2016, 49, 856-861.	0.9	5
13	Output stabilization for a class of nonlinear systems via high-gain observer with limited gain power. IFAC-PapersOnLine, 2015, 48, 730-735.	0.9	14
14	Global Stabilization of a Class of Invertible MIMO Nonlinear Systems. IEEE Transactions on Automatic Control, 2015, 60, 616-631.	5.7	27
15	Output feedback stabilization of nonlinear MIMO systems having uncertain high-frequency gain matrix. Systems and Control Letters, 2015, 83, 1-8.	2.3	30
16	Omega-limit sets of a class of nonlinear systems that are semiglobally practically stabilized. International Journal of Robust and Nonlinear Control, 2005, 15, 315-333.	3.7	18
17	Nonlinear Control Systems. Communications and Control Engineering, 1995, , .	1.6	4,619