

Laurent Bako

List of Publications by Year in descending order

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papers

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31
all docs

31
docs citations

31
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optimization Framework for Resilient Batch Estimation in Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2022, 67, 5246-5261.	5.7	3
2	Analysis of the Least Sum-of-Minimums Estimator for Switched Systems. IEEE Transactions on Automatic Control, 2021, 66, 3733-3740.	5.7	4
3	Robust optimal identification experiment design for multisine excitation. Automatica, 2021, 125, 109431.	5.0	4
4	Analysis of pulse width modulation controlled systems based on a piecewise affine description. International Journal of Robust and Nonlinear Control, 2020, 30, 5917-5935.	3.7	1
5	Closed-loop identification of MIMO systems in the Prediction Error framework: Data informativity analysis. Automatica, 2020, 121, 109171.	5.0	1
6	Minimality and identifiability of discrete-time switched autoregressive exogenous systems. International Journal of Robust and Nonlinear Control, 2020, 30, 5871-5891.	3.7	6
7	Data informativity for the open-loop identification of MIMO systems in the prediction error framework. Automatica, 2020, 117, 109000.	5.0	13
8	Data Informativity for the Identification of particular Parallel Hammerstein Systems. IFAC-PapersOnLine, 2020, 53, 1102-1107.	0.9	0
9	On the resilience of a class of Correntropy-based state estimators. IFAC-PapersOnLine, 2020, 53, 2286-2291.	0.9	0
10	Interval-valued state estimation for linear systems: The tightest estimator and its relaxations. Automatica, 2019, 106, 168-177.	5.0	10
11	Data Informativity for the Identification of MISO FIR Systems with Filtered White Noise Excitation. , 2019, , .		3
12	Piecewise Affine System identification: A least harmonic mean approach. , 2019, , .		1
13	Informativity: how to get just sufficiently rich for the Identification of MISO FIR Systems with Multisine Excitation?. , 2019, , .		3
14	Robustness analysis of a maximum correntropy framework for linear regression. Automatica, 2018, 87, 218-225.	5.0	8
15	On a Class of Optimization-Based Robust Estimators. IEEE Transactions on Automatic Control, 2017, 62, 5990-5997.	5.7	7
16	Optimal control of discrete-time switched linear systems via continuous parameterization. IFAC-PapersOnLine, 2017, 50, 15331-15336.	0.9	3
17	Analysis of a nonsmooth optimization approach to robust estimation. Automatica, 2016, 66, 132-145.	5.0	14
18	Adaptive identification of linear systems subject to gross errors. Automatica, 2016, 67, 192-199.	5.0	10

#	ARTICLE	IF	CITATIONS
19	Subspace Clustering Through Parametric Representation and Sparse Optimization. IEEE Signal Processing Letters, 2014, 21, 356-360.	3.6	9
20	Realization theory of discrete-time linear switched systems. Automatica, 2013, 49, 3337-3344.	5.0	21
21	A sparse optimization approach to state observer design for switched linear systems. Systems and Control Letters, 2013, 62, 143-151.	2.3	21
22	Identification of MIMO switched state-space models. , 2013, , .		9
23	The minimum-time problem for discrete-time linear systems: A non-smooth optimization approach. , 2012, , .		6
24	Minimality and identifiability of SARX systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 541-546.	0.4	5
25	A Recursive Sparse Learning Method: Application to Jump Markov Linear Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 3198-3203.	0.4	10
26	Identification of switched linear systems via sparse optimization. Automatica, 2011, 47, 668-677.	5.0	162
27	On the notion of persistence of excitation for linear switched systems. , 2011, , .		15
28	Identifiability of discrete-time linear switched systems. , 2010, , .		14
29	On-line structured subspace identification with application to switched linear systems. International Journal of Control, 2009, 82, 1496-1515.	1.9	34
30	Identification of switched linear state space models without minimum dwell time. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 569-574.	0.4	15
31	On sparsity-inducing methods in system identification and state estimation. International Journal of Robust and Nonlinear Control, 0, , .	3.7	4