Laurent Bako

List of Publications by Year
in descending order

31 papers	416 citations	1163117 8 h-index	794594 19 g-index
31 all docs	31 docs citations	31 times ranked	240 citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of switched linear systems via sparse optimization. Automatica, 2011, 47, 668-677.	5.0	162
2	On-line structured subspace identification with application to switched linear systems. International Journal of Control, 2009, 82, 1496-1515.	1.9	34
3	Realization theory of discrete-time linear switched systems. Automatica, 2013, 49, 3337-3344.	5.0	21
4	A sparse optimization approach to state observer design for switched linear systems. Systems and Control Letters, 2013, 62, 143-151.	2.3	21
5	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
6	On the notion of persistence of excitation for linear switched systems. , 2011, , .		15
7	Analysis of a nonsmooth optimization approach to robust estimation. Automatica, 2016, 66, 132-145.	5.0	14
8	Identifiability of discrete-time linear switched systems. , 2010, , .		14
9	Data informativity for the open-loop identification of MIMO systems in the prediction error framework. Automatica, 2020, 117, 109000.	5.0	13
10	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
11	Adaptive identification of linear systems subject to gross errors. Automatica, 2016, 67, 192-199.	5.0	10
12	Interval-valued state estimation for linear systems: The tightest estimator and its relaxations. Automatica, 2019, 106, 168-177.	5.0	10
13	Identification of MIMO switched state-space models. , 2013, , .		9
14	Subspace Clustering Through Parametric Representation and Sparse Optimization. IEEE Signal Processing Letters, 2014, 21, 356-360.	3.6	9
15	Robustness analysis of a maximum correntropy framework for linear regression. Automatica, 2018, 87, 218-225.	5.0	8
16	On a Class of Optimization-Based Robust Estimators. IEEE Transactions on Automatic Control, 2017, 62, 5990-5997.	5.7	7
17	The minimum-time problem for discrete-time linear systems: A non-smooth optimization approach. , 2012, , .		6
18	Minimality and identifiability of discrete‐time switched autoregressive exogenous systems. International Journal of Robust and Nonlinear Control, 2020, 30, 5871-5891.	3.7	6

#	Article	IF	Citations
19	Minimality and identifiability of SARX systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 541-546.	0.4	5
20	Analysis of the Least Sum-of-Minimums Estimator for Switched Systems. IEEE Transactions on Automatic Control, 2021, 66, 3733-3740.	5.7	4
21	Robust optimal identification experiment design for multisine excitation. Automatica, 2021, 125, 109431.	5.0	4
22	On sparsity‐inducing methods in system identification and state estimation. International Journal of Robust and Nonlinear Control, 0, , .	3.7	4
23	Optimal control of discrete-time switched linear systems via continuous parameterization. IFAC-PapersOnLine, 2017, 50, 15331-15336.	0.9	3
24	Data Informativity for the Identification of MISO FIR Systems with Filtered White Noise Excitation. , 2019, , .		3
25	Informativity: how to get just sufficiently rich for the Identification of MISO FIR Systems with Multisine Excitation?. , 2019, , .		3
26	An Optimization Framework for Resilient Batch Estimation in Cyber-Physical Systems. IEEE Transactions on Automatic Control, 2022, 67, 5246-5261.	5.7	3
27	Piecewise Affine System identification: A least harmonic mean approach. , 2019, , .		1
28	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
29	Closed-loop identification of MIMO systems in the Prediction Error framework: Data informativity analysis. Automatica, 2020, 121, 109171.	5.0	1
30	Data Informativity for the Identification of particular Parallel Hammerstein Systems. IFAC-PapersOnLine, 2020, 53, 1102-1107.	0.9	0
31	On the resilience of a class of Correntropy-based state estimators. IFAC-PapersOnLine, 2020, 53, 2286-2291.	0.9	0