

Giulio Bottegal

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Learning linear modules in a dynamic network using regularized kernel-based methods. Automatica, 2021, 129, 109591.	5.0	11
2	Identification of Linear Models From Quantized Data: A Midpoint-Projection Approach. IEEE Transactions on Automatic Control, 2020, 65, 2801-2813.	5.7	9
3	Boosting as a kernel-based method. Machine Learning, 2019, 108, 1951-1974.	5.4	2
4	Modeling and identification of uncertain-input systems. Automatica, 2019, 105, 130-141.	5.0	7
5	Bayesian topology identification of linear dynamic networks. , 2019, , .		14
6	A two-experiment approach to Wiener system identification. Automatica, 2018, 93, 282-289.	5.0	19
7	Local Module Identification in Dynamic Networks Using Regularized Kernel-Based Methods. , 2018, , .		13
8	Approximate Maximum-likelihood Identification of Linear Systems from Quantized Measurements. IFAC-PapersOnLine, 2018, 51, 724-729.	0.9	2
9	An empirical Bayes approach to identification of modules in dynamic networks. Automatica, 2018, 91, 144-151.	5.0	30
10	Variance analysis of linear SIMO models with spatially correlated noise. Automatica, 2017, 77, 68-81.	5.0	2
11	A nonparametric kernel-based approach to Hammerstein system identification. Automatica, 2017, 85, 234-247.	5.0	33
12	A new kernel-based approach to system identification with quantized output data. Automatica, 2017, 85, 145-152.	5.0	36
13	Probabilistic matrix factorization from quantized measurements. , 2017, , .		0
14	Variational Bayes identification of acyclic dynamic networks * *This work was supported by the Swedish Research Council under contracts 2015-05285 and 2016-06079, and by the European Research Council under the advanced grants LEARN, contract 267381, and SYSIDNET, contract 694504. IFAC-PapersOnLine, 2017, 50, 10556-10561.	0.9	3
15	Approximate inference of nonparametric Hammerstein models * *This work was supported by the Swedish Research Council under contracts 2015-05285 and 2016-06079, and by the European Research Council under the advanced grants LEARN, contract 267381, and SYSIDNET, contract 694504. IFAC-PapersOnLine, 2017, 50, 8333-8338.	0.9	1
16	On maximum likelihood identification of errors-in-variables models. IFAC-PapersOnLine, 2017, 50, 2824-2829.	0.9	1
17	Preserving Privacy of Finite Impulse Response Systems. , 2017, 1, 128-133.		10
18	Kernel-based system identification from noisy and incomplete input-output data. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Identification of modules in dynamic networks: An empirical Bayes approach. , 2016, , .		6
20	Robust EM kernel-based methods for linear system identification. Automatica, 2016, 67, 114-126.	5.0	37
21	On the Zero-Freeness of Tall Multirate Linear Systems. IEEE Transactions on Automatic Control, 2016, 61, 3606-3611.	5.7	6
22	Bayesian kernel-based system identification with quantized output data. IFAC-PapersOnLine, 2015, 48, 455-460.	0.9	8
23	On the Effect of Noise Correlation in Parameter Identification of SIMO Systems**This work was partially supported by the Swedish Research Council under contract 621-2009-4017, and by the European Research Council under the advanced grant LEARN, contract 267381.. IFAC-PapersOnLine, 2015, 48, 326-331.	0.9	1
24	Blind system identification using kernel-based methods**This work was supported by the European Research Council under the advanced grant LEARN, contract 267381 and by the Swedish Research Council under contract 621-2009-4017.. IFAC-PapersOnLine, 2015, 48, 466-471.	0.9	9
25	On the variance analysis of identified linear MIMO models. , 2015, , .		2
26	A kernel-based approach to Hammerstein system identification**This work was supported by the European Research Council under the advanced grant LEARN, contract 267381 and by the Swedish Research Council under contract 621-2009-4017. IFAC-PapersOnLine, 2015, 48, 1011-1016.	0.9	7
27	leading to these results has received funding from the European Union Seventh Framework Programme [FP7/2007-2013] under grant agreement nffi257462 HYCON2 Network of excellence, the European Institute of Technology (EIT) Information and Communication Technology (ICT) Labs, the Swedish Energy Agency, the Swedish Governmental Agency for Innovation Systems (VINNOVA), the Knut and Alice Wallenberg Foundation, the Europea. IFAC-PapersOnLine, 2015, 48, 1256-1261.	0.9	3
28	Multi-room occupancy estimation through adaptive gray-box models. , 2015, , .		5
29	Outlier robust kernel-based system identification using $\hat{\sigma}$, “<inf>1</inf>-Laplace techniques. , 2015, , .		3
30	Blind identification strategies for room occupancy estimation. , 2015, , .		13
31	On the estimation of initial conditions in kernel-based system identification. , 2015, , .		3
32	A new kernel-based approach to overparameterized Hammerstein system identification. , 2015, , .		10
33	Modeling Complex Systems by Generalized Factor Analysis. IEEE Transactions on Automatic Control, 2015, 60, 759-774.	5.7	11
34	Regularized Deconvolution-Based Approaches for Estimating Room Occupancies. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1157-1168.	5.2	34
35	On the variance of identified SIMO systems with spatially correlated output noise. , 2014, , .		2
36	Outlier robust system identification: a Bayesian kernel-based approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1073-1078.	0.4	8

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37	Analysis and identification of complex stochastic systems admitting a flocking structure. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 2323-2328.	0.4	0
38	Regularized spectrum estimation using stable spline kernels. Automatica, 2013, 49, 3199-3209.	5.0	63
39	Estimation of building occupancy levels through environmental signals deconvolution. , 2013, , .		42
40	On the properties of linear multirate systems with coprime output rates. , 2013, , .		0
41	Modeling random flocks through Generalized Factor Analysis. , 2013, , .		1
42	Regularized spectrum estimation in spaces induced by stable spline kernels. , 2012, , .		0
43	A note on generalized factor analysis models. , 2011, , .		3
44	On the identifiability of errors-in-variables models with white measurement errors. Automatica, 2011, 47, 545-551.	5.0	6