

Henrik Ohlsson

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

583
citations

1307594

7
h-index

1372567

10
g-index

25
all docs

25
docs citations

25
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of ARX-models using sum-of-norms regularization. Automatica, 2010, 46, 1107-1111.	5.0	116
2	Identification of switched linear regression models using sum-of-norms regularization. Automatica, 2013, 49, 1045-1050.	5.0	101
3	Four Encounters with System Identification. European Journal of Control, 2011, 17, 449-471.	2.6	54
4	Clustering using sum-of-norms regularization: With application to particle filter output computation. , 2011, , .		41
5	Smoothed state estimates under abrupt changes using sum-of-norms regularization. Automatica, 2012, 48, 595-605.	5.0	38
6	On conditions for uniqueness in sparse phase retrieval. , 2014, , .		34
7	A general perspective on Gaussian filtering and smoothing: Explaining current and deriving new algorithms. , 2011, , .		31
8	Kernel selection in linear system identification part II: A classical perspective. , 2011, , .		29
9	State smoothing by sum-of-norms regularization. , 2010, , .		22
10	Sparse control using sum-of-norms regularized model predictive control. , 2013, , .		17
11	Nonlinear basis pursuit. , 2013, , .		16
12	Analysis of a nonsmooth optimization approach to robust estimation. Automatica, 2016, 66, 132-145.	5.0	14
13	Trajectory generation using sum-of-norms regularization. , 2010, , .		12
14	Identification of Piecewise Affine Systems Using Sum-of-Norms Regularization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 6640-6645.	0.4	12
15	Manifold-constrained regressors in system identification. , 2008, , .		10
16	A Brain Computer Interface for Communication Using Real-Time fMRI. , 2010, , .		8
17	Scalable anomaly detection in large homogeneous populations. Automatica, 2014, 50, 1459-1465.	5.0	7
18	Segmentation of time series from nonlinear dynamical systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13209-13214.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Compressive Shift Retrieval. IEEE Transactions on Signal Processing, 2014, 62, 4105-4113.	5.3	5
20	Finding sparse solutions of systems of polynomial equations via group-sparsity optimization. Journal of Global Optimization, 2015, 62, 319-349.	1.8	3
21	Enabling bio-feedback using real-time fMRI. , 2008, , .		2
22	On manifolds, climate reconstruction and bivalve shells. , 2009, , .		2
23	A convex approach to subspace clustering. , 2011, , .		2
24	Direct Weight Optimization applied to discontinuous functions. , 2008, , .		1
25	Decentralization of particle filters using arbitrary state decomposition. , 2010, , .		1