Henrik Ohlsson

List of Publications by Year
in descending order

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	Analysis of a nonsmooth optimization approach to robust estimation. Automatica, 2016, 66, 132-145.	5.0	14
2	Finding sparse solutions of systems of polynomial equations via group-sparsity optimization. Journal of Global Optimization, 2015, 62, 319-349.	1.8	3
3	On conditions for uniqueness in sparse phase retrieval. , 2014, , .		34
4	Scalable anomaly detection in large homogeneous populations. Automatica, 2014, 50, 1459-1465.	5.0	7
5	Compressive Shift Retrieval. IEEE Transactions on Signal Processing, 2014, 62, 4105-4113.	5.3	5
6	Identification of switched linear regression models using sum-of-norms regularization. Automatica, 2013, 49, 1045-1050.	5.0	101
7	Nonlinear basis pursuit. , 2013, , .		16
8	Sparse control using sum-of-norms regularized model predictive control. , 2013, , .		17
9	Smoothed state estimates under abrupt changes using sum-of-norms regularization. Automatica, 2012, 48, 595-605.	5.0	38
10	Clustering using sum-of-norms regularization: With application to particle filter output computation. , 2011, , .		41
11	Four Encounters with System Identification. European Journal of Control, 2011, 17, 449-471.	2.6	54
12	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
13	Segmentation of time series from nonlinear dynamical systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13209-13214.	0.4	5
14	Kernel selection in linear system identification part II: A classical perspective. , 2011, , .		29
15	A general perspective on Gaussian filtering and smoothing: Explaining current and deriving new algorithms. , 2011, , .		31
16	A convex approach to subspace clustering. , 2011, , .		2
17	Segmentation of ARX-models using sum-of-norms regularization. Automatica, 2010, 46, 1107-1111.	5.0	116
18	Decentralization of particle filters using arbitrary state decomposition. , 2010, , .		1

#	Article	IF	Citations
19	A Brain Computer Interface for Communication Using Real-Time fMRI. , 2010, , .		8
20	State smoothing by sum-of-norms regularization. , 2010, , .		22
21	Trajectory generation using sum-of-norms regularization. , 2010, , .		12
22	On manifolds, climate reconstruction and bivalve shells. , 2009, , .		2
23	Direct Weight Optimization applied to discontinuous functions. , 2008, , .		1
24	Enabling bio-feedback using real-time fMRI. , 2008, , .		2
25	Manifold-constrained regressors in system identification. , 2008, , .		10