

# Tobias Lindström Jensen

## List of Publications by Year in descending order

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34  
papers

653  
citations

840776

11  
h-index

940533

16  
g-index

34  
all docs

34  
docs citations

34  
times ranked

623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of robust acoustic beamforming for speech acquisition in reverberant and noisy environments. Applied Acoustics, 2020, 170, 107531.	3.3	9
2	A fast interior-point method for atomic norm soft thresholding. Signal Processing, 2019, 165, 7-19.	3.7	4
3	Revisiting the Linear Prediction Analysis-by-Synthesis Speech Coding Paradigm Using Real-Time Convex Optimization. , 2018, , .		0
4	Speech Dereverberation Based on Convex Optimization Algorithms for Group Sparse Linear Prediction. , 2018, , .		6
5	Computational complexity reduction in nonuniform compressed sensing by multi-coset emulation. Signal Processing, 2017, 131, 492-501.	3.7	8
6	Fast fundamental frequency estimation: Making a statistically efficient estimator computationally efficient. Signal Processing, 2017, 135, 188-197.	3.7	48
7	A Fast Algorithm for Maximum-Likelihood Estimation of Harmonic Chirp Parameters. IEEE Transactions on Signal Processing, 2017, 65, 5137-5152.	5.3	23
8	Multi-pitch estimation using semidefinite programming. , 2017, , .		0
9	An Approach for Analyzing the Global Rate of Convergence of Quasi-Newton and Truncated-Newton Methods. Journal of Optimization Theory and Applications, 2017, 172, 206-221.	1.5	4
10	Fast harmonic chirp summation. , 2017, , .		2
11	Computational analysis of a fast algorithm for high-order sparse linear prediction. , 2016, , .		1
12	Wind turbine blade deflection sensing system based on UWB technology. , 2016, , .		2
13	Investigation of a UWB Wind Turbine Blade Deflection Sensing System With a Tip Antenna Inside a Blade. IEEE Sensors Journal, 2016, 16, 7892-7902.	4.7	13
14	Grid size selection for nonlinear least-squares optimisation in spectral estimation and array processing. , 2016, , .		6
15	Fast algorithms for high-order sparse linear prediction with applications to speech processing. Speech Communication, 2016, 76, 143-156.	2.8	16
16	Fast and statistically efficient fundamental frequency estimation. , 2016, , .		6
17	Real-time loudspeaker distance estimation with stereo audio. , 2015, , .		0
18	UWB Wind Turbine Blade Deflection Sensing for Wind Energy Cost Reduction. Sensors, 2015, 15, 19768-19782.	3.8	25

#	ARTICLE	IF	CITATIONS
19	A fast algorithm for maximum likelihood-based fundamental frequency estimation. , 2015, , .		3
20	Online estimation of wind turbine blade deflection with UWB signals. , 2015, , .		6
21	Stable 1-Norm Error Minimization Based Linear Predictors for Speech Modeling. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 912-922.	5.8	14
22	Compressive Sensing for Spread Spectrum Receivers. IEEE Transactions on Wireless Communications, 2013, 12, 2334-2343.	9.2	18
23	Robust Computation of Error Vector Magnitude for Wireless Standards. IEEE Transactions on Communications, 2013, 61, 648-657.	7.8	23
24	Real-time implementations of sparse linear prediction for speech processing. , 2013, , .		12
25	Reconstruction of Undersampled Atomic Force Microscopy Images: Interpolation versus Basis Pursuit. , 2013, , .		11
26	Downsampling of DFT precoded signals for the AWGN channel. , 2012, , .		0
27	Implementation of an optimal first-order method for strongly convex total variation regularization. BIT Numerical Mathematics, 2012, 52, 329-356.	2.0	87
28	Multiple-Description $\ell_1$ -Compression. IEEE Transactions on Signal Processing, 2011, 59, 3699-3711.	5.3	4
29	Algorithms and software for total variation image reconstruction via first-order methods. Numerical Algorithms, 2010, 53, 67-92.	1.9	184
30	Fast Link Adaptation for MIMO OFDM. IEEE Transactions on Vehicular Technology, 2010, 59, 3766-3778.	6.3	97
31	Iterated smoothing for accelerated gradient convex minimization in signal processing. , 2010, , .		0
32	An efficient first-order method for $\ell_1$ compression of images. , 2009, , .		2
33	$\ell_1$ Compression of Image Sequences Using the Structural Similarity Index Measure. , 2009, , .		0
34	Mutual Information Metrics for Fast Link Adaptation in IEEE 802.11n. , 2008, , .		19