

# Xiumei Li

## List of Publications by Year in descending order

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31  
papers

415  
citations

1040056

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h-index

1058476

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31  
all docs

31  
docs citations

31  
times ranked

467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Wideband DOA Estimation Based on Sparse Bayesian Learning With Dirichlet Process Priors. IEEE Transactions on Signal Processing, 2016, 64, 275-289.	5.3	96
2	Nuclear norm minimization framework for DOA estimation in MIMO radar. Signal Processing, 2017, 135, 147-152.	3.7	86
3	An Improved Auto-Calibration Algorithm Based on Sparse Bayesian Learning Framework. IEEE Signal Processing Letters, 2013, 20, 889-892.	3.6	54
4	Robust Frequency-Hopping Spectrum Estimation Based on Sparse Bayesian Method. IEEE Transactions on Wireless Communications, 2015, 14, 781-793.	9.2	48
5	Compressive Sensing in Signal Processing: Algorithms and Transform Domain Formulations. Mathematical Problems in Engineering, 2016, 2016, 1-16.	1.1	45
6	Structured sparsity-driven autofocus algorithm for high-resolution radar imagery. Signal Processing, 2016, 125, 376-388.	3.7	23
7	A gradient-based approach to optimization of compressed sensing systems. Signal Processing, 2017, 139, 49-61.	3.7	13
8	Computationally Efficient Wide-Band DOA Estimation Methods Based on Sparse Bayesian Framework. IEEE Transactions on Vehicular Technology, 2017, 66, 11108-11121.	6.3	12
9	Fast Algorithms for Polynomial Time-Frequency Transforms of Real-Valued Sequences. IEEE Transactions on Signal Processing, 2008, 56, 1905-1915.	5.3	11
10	A unified expression for split-radix DFT algorithms. , 2010, , .		6
11	Unit-norm tight frame-based sparse representation with application to speech inpainting. , 2022, 123, 103426.		4
12	Time-frequency representation reconstruction based on the compressive sensing. , 2014, , .		3
13	Algorithms for Compressive Sensing Signal Reconstruction with Applications. Mathematical Problems in Engineering, 2016, 2016, 1-3.	1.1	3
14	Improved Bayesian Compressive Sensing for Image Reconstruction Using Single-Level Wavelet Transform. , 2016, , .		2
15	Measurement-Driven Framework With Simultaneous Sensing Matrix and Dictionary Optimization for Compressed Sensing. IEEE Access, 2020, 8, 35950-35963.	4.2	2
16	Comparisons of parametric methods for polynomial phase signal parameter estimation. , 2011, , .		1
17	Investigation on SAR ground moving target imaging under sparse Bayesian learning framework. , 2015, , .		1
18	Underdetermined Separation of Speech Mixture Based on Sparse Bayesian Learning. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Autocalibrated Sampling Rate Conversion in the Frequency Domain [Tips & Tricks]. IEEE Signal Processing Magazine, 2017, 34, 101-106.	5.6	1
20	Constructing Equiangular Tight Frames Based on Singular Values Energy Homogenization Under Normalization Constraint. , 2018, , .		1
21	Underdetermined convolutive speech separation method based on channel identification and sparse recovery. , 2018, , .		1
22	HRNet Encoder and Dual-Branch Decoder Framework-Based Scene Text Recognition Model. International Journal of Antennas and Propagation, 2022, 2022, 1-10.	1.2	1
23	Performance analysis of a new robust S transform. , 2013, , .		0
24	The properties of higher-order reassigned local polynomial periodogram. , 2013, , .		0
25	Single-channel speech separation based on robust sparse Bayesian learning. , 2017, , .		0
26	Airborne FMCW SAR Sparse Imaging: Initial Results. , 2018, , .		0
27	Sparse Bayesian Recovery Method for Noisy Underdetermined Convolutive Speech Separation. , 2018, , .		0
28	Scoring Mechanism of Defect Report Based on Text Similarity. , 2019, , .		0
29	Construction of Unit-Norm Tight Frame Based Preconditioner for Sparse Coding. , 2021, , .		0
30	Deriving structures of FFT based filter banks by signal flow graphs. , 2021, 117, 103136.		0
31	Construction of unit norm tight frames inspired by the Paulsen problem. , 2022, , 103590.		0