

# Radu V Balan

## List of Publications by Year in descending order

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15  
papers

444  
citations

1478505

6  
h-index

1720034

7  
g-index

16  
all docs

16  
docs citations

16  
times ranked

450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-efficient resource allocation in wireless networks with quality-of-service constraints. IEEE Transactions on Communications, 2009, 57, 3406-3414.	7.8	183
2	Painless Reconstruction from Magnitudes of Frame Coefficients. Journal of Fourier Analysis and Applications, 2009, 15, 488-501.	1.0	137
3	Reconstruction of Signals from Magnitudes of Redundant Representations: The Complex Case. Foundations of Computational Mathematics, 2016, 16, 677-721.	2.5	29
4	Frames for linear reconstruction without phase. , 2008, , .		20
5	On signal reconstruction from its spectrogram. , 2010, , .		15
6	On Lipschitz Bounds of General Convolutional Neural Networks. IEEE Transactions on Information Theory, 2020, 66, 1738-1759.	2.4	14
7	Redundancy for localized frames. Israel Journal of Mathematics, 2011, 185, 445-476.	0.8	13
8	Multi-window Gabor frames in amalgam spaces. Mathematical Research Letters, 2014, 21, 55-69.	0.5	13
9	The fisher information matrix and the CRLB in a non-AWGN model for the phase retrieval problem. , 2015, , .		10
10	The Autoregressive Linear Mixture Model: A Time-Series Model for an Instantaneous Mixture of Network Processes. IEEE Transactions on Signal Processing, 2020, 68, 4481-4496.	5.3	4
11	Cooperative radar techniques: The two-step detector. , 2011, , .		2
12	Performance of a practical two-step detector for non-fluctuating targets. , 2012, , .		2
13	Information theory based estimator of the number of sources in a sparse linear mixing model. , 2008, , .		1
14	The Cramer-Rao Lower Bound in the Phase Retrieval Problem. , 2019, , .		1
15	Optimal beam pattern design for very large sensor arrays with sparse sampling. , 2013, , .		0