

# Bei Yin

## List of Publications by Year in descending order

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13  
papers

754  
citations

2258059

3  
h-index

2550090

3  
g-index

13  
all docs

13  
docs citations

13  
times ranked

508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implicit vs. Explicit Approximate Matrix Inversion for Wideband Massive MU-MIMO Data Detection. Journal of Signal Processing Systems, 2018, 90, 1311-1328.	2.1	14
2	Accelerating massive MIMO uplink detection on GPU for SDR systems. , 2015, , .		12
3	Conjugate gradient-based soft-output detection and precoding in massive MIMO systems. , 2014, , .		118
4	Efficient architecture mapping of FFT/IFFT for cognitive radio networks. , 2014, , .		8
5	Large-Scale MIMO Detection for 3GPP LTE: Algorithms and FPGA Implementations. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 916-929.	10.8	329
6	A 3.8Gb/s large-scale MIMO detector for 3GPP LTE-Advanced. , 2014, , .		27
7	Implementation trade-offs for linear detection in large-scale MIMO systems. , 2013, , .		54
8	Approximate matrix inversion for high-throughput data detection in the large-scale MIMO uplink. , 2013, , .		110
9	High throughput low latency LDPC decoding on GPU for SDR systems. , 2013, , .		49
10	Parallel nonbinary LDPC decoding on GPU. , 2012, , .		13
11	Flexible N-Way MIMO Detector on GPU. , 2012, , .		4
12	LTE uplink MIMO receiver with low complexity interference cancellation. Analog Integrated Circuits and Signal Processing, 2012, 73, 443-450.	1.4	6
13	FPGA prototyping of a high data rate LTE uplink baseband receiver. , 2009, , .		10