

# Gabi Sarkis

## List of Publications by Year in descending order

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19  
papers

1,037  
citations

1040056

9  
h-index

1281871

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19  
all docs

19  
docs citations

19  
times ranked

409  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Low-Complexity Decoders for Low-Rate Polar Codes. Journal of Signal Processing Systems, 2018, 90, 675-685.	2.1	33
2	Low-Latency Software Polar Decoders. Journal of Signal Processing Systems, 2018, 90, 761-775.	2.1	11
3	Multi-Mode Unrolled Architectures for Polar Decoders. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1443-1453.	5.4	28
4	Stall pattern avoidance in polynomial product codes. , 2016, , .		8
5	Flexible and Low-Complexity Encoding and Decoding of Systematic Polar Codes. IEEE Transactions on Communications, 2016, 64, 2732-2745.	7.8	67
6	Fast List Decoders for Polar Codes. IEEE Journal on Selected Areas in Communications, 2016, 34, 318-328.	14.0	127
7	A 638 Mbps low-complexity rate 1/2 polar decoder on FPGAs. , 2015, , .		13
8	Implementation of Polar Decoders. , 2015, , 33-45.		1
9	Fast Polar Decoders: Algorithm and Implementation. IEEE Journal on Selected Areas in Communications, 2014, 32, 946-957.	14.0	290
10	Increasing the speed of polar list decoders. , 2014, , .		21
11	Autogenerating software polar decoders. , 2014, , .		11
12	Increasing the Throughput of Polar Decoders. IEEE Communications Letters, 2013, 17, 725-728.	4.1	81
13	A Semi-Parallel Successive-Cancellation Decoder for Polar Codes. IEEE Transactions on Signal Processing, 2013, 61, 289-299.	5.3	254
14	Polar codes for data storage applications. , 2013, , .		7
15	Low-Complexity Channel-Likelihood Estimation for Non-Binary Codes and QAM. IEEE Communications Letters, 2012, 16, 801-804.	4.1	1
16	Hardware Implementation of Successive-Cancellation Decoders for Polar Codes. Journal of Signal Processing Systems, 2012, 69, 305-315.	2.1	54
17	Efficient Stochastic Decoding of Non-Binary LDPC Codes with Degree-Two Variable Nodes. IEEE Communications Letters, 2012, 16, 389-391.	4.1	18
18	Relaxed half-stochastic decoding of LDPC codes over GF(q). , 2010, , .		4

#	ARTICLE	IF	CITATIONS
19	Reduced-latency stochastic decoding of LDPC codes over $GF(q)$ . , 2010, , .		8