

# Moustafa Ebada

## List of Publications by Year in descending order

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12  
papers

382  
citations

1937685

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2272923

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12  
all docs

12  
docs citations

12  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automorphism Ensemble Decoding of Reed-Muller Codes. IEEE Transactions on Communications, 2021, 69, 6424-6438.	7.8	30
2	On the Automorphism Group of Polar Codes. , 2021, , .		21
3	Iterative Reed-Muller Decoding. , 2021, , .		0
4	CRC-Aided Belief Propagation List Decoding of Polar Codes. , 2020, , .		36
5	Iterative Detection and Decoding of Finite-Length Polar Codes in Gaussian Multiple Access Channels. , 2020, , .		8
6	Decoder-in-the-Loop: Genetic Optimization-Based LDPC Code Design. IEEE Access, 2019, 7, 141161-141170.	4.2	21
7	Decoder-Tailored Polar Code Design Using the Genetic Algorithm. IEEE Transactions on Communications, 2019, 67, 4521-4534.	7.8	73
8	Optimizing Polar Codes Compatible with Off-the-Shelf LDPC Decoders. , 2019, , .		3
9	Deep Learning-Based Polar Code Design. , 2019, , .		17
10	Belief Propagation List Decoding of Polar Codes. IEEE Communications Letters, 2018, 22, 1536-1539.	4.1	106
11	Belief propagation decoding of polar codes on permuted factor graphs. , 2018, , .		49
12	Mitigating clipping effects on error floors under belief propagation decoding of polar codes. , 2017, , .		18