

# Masoud Ardakani

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

876  
citations

394286

19  
h-index

526166

27  
g-index

40  
all docs

40  
docs citations

40  
times ranked

818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified REP Pattern for 3 $\tilde{A}$ –3 Kernel Polar Codes. IEEE Wireless Communications Letters, 2021, 10, 919-923.	3.2	1
2	Statistical Radius Selection for Sphere Decoding. , 2020, , .		0
3	A Deep Learning Based Channel Estimation for High Mobility Vehicular Communications. , 2020, , .		6
4	NOMA-Aided Multi-Way Massive MIMO Relaying. IEEE Transactions on Communications, 2020, 68, 4050-4062.	4.9	12
5	Interference Suppression and Energy Efficiency Improvement With Massive MIMO and Relay Selection in Cognitive Two-Way Relay Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 326-339.	3.5	9
6	Deep Adaptive Transmission for Internet of Vehicles (IoV). , 2020, , .		0
7	New Fast Nodes for 3 $\tilde{A}$ –3 Kernel Polar Codes. , 2020, , .		0
8	Deep Learning-Based Sphere Decoding. IEEE Transactions on Wireless Communications, 2019, 18, 4368-4378.	6.1	47
9	NOMA-Aided Multi-Way Massive MIMO Relay Networks. , 2019, , .		3
10	Decision Directed Channel Estimation Based on Deep Neural Network $k$ -Step Predictor for MIMO Communications in 5G. IEEE Journal on Selected Areas in Communications, 2019, 37, 2443-2456.	9.7	45
11	Partial Zero-Forcing for Multi-Way Relay Networks. IEEE Transactions on Communications, 2018, , 1-1.	4.9	5
12	Performance Analysis of Massive MIMO Two-Way Relay Networks With Pilot Contamination, Imperfect CSI, and Antenna Correlation. IEEE Transactions on Vehicular Technology, 2018, 67, 4831-4842.	3.9	20
13	Ergodic sum rate analysis and efficient power allocation for a massive MIMO two-way relay network. IET Communications, 2017, 11, 211-217.	1.5	13
14	Relay Selection for Cognitive Massive MIMO Two-Way Relay Networks. , 2017, , .		19
15	Fast Successive-Cancellation Decoding of Polar Codes: Identification and Decoding of New Nodes. IEEE Communications Letters, 2017, 21, 2360-2363.	2.5	69
16	Generalized Relay Selection for Network-Coded Cooperation Systems. IEEE Communications Letters, 2017, 21, 2742-2745.	2.5	13
17	A Class of Binary Locally Repairable Codes. IEEE Transactions on Communications, 2016, 64, 3182-3193.	4.9	25
18	Partial zero forcing for multi-way relay networks. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Relay selection for MIMO two-way relay networks with spatial multiplexing. , 2015, , .		5
20	Relay Selection Strategies for MIMO Two-Way Relay Networks With Spatial Multiplexing. IEEE Transactions on Communications, 2015, 63, 4694-4710.	4.9	21
21	An Efficient Binary Locally Repairable Code for Hadoop Distributed File System. IEEE Communications Letters, 2014, 18, 1287-1290.	2.5	41
22	Sum Rate Analysis of Two-Way MIMO AF Relay Networks with Zero-Forcing. IEEE Transactions on Wireless Communications, 2013, 12, 4456-4469.	6.1	23
23	Multi-Way MIMO Amplify-and-Forward Relay Networks with Zero-Forcing Transmission. IEEE Transactions on Communications, 2013, 61, 4847-4863.	4.9	36
24	Sum rate of two-way MIMO AF relay networks with transmit/receive zero-forcing. , 2012, , .		1
25	Joint Relay and Antenna Selection for Dual-Hop Amplify-and-Forward MIMO Relay Networks. IEEE Transactions on Wireless Communications, 2012, 11, 493-499.	6.1	32
26	Performance Analysis of Pairwise Amplify-and-Forward Multi-Way Relay Networks. IEEE Wireless Communications Letters, 2012, 1, 524-527.	3.2	21
27	Two-Way Amplify-and-Forward Multiple-Input Multiple-Output Relay Networks with Antenna Selection. IEEE Journal on Selected Areas in Communications, 2012, 30, 1513-1529.	9.7	82
28	Performance Analysis of Hop-by-Hop Beamforming for Dual-Hop MIMO AF Relay Networks. IEEE Transactions on Communications, 2012, 60, 1823-1837.	4.9	30
29	On Raptor Code Design for Inactivation Decoding. IEEE Transactions on Communications, 2012, 60, 2377-2381.	4.9	12
30	Multi-way MIMO amplify-and-forward relay networks with zero-forcing. , 2012, , .		2
31	Performance Analysis of Zero-Forcing for Two-Way MIMO AF Relay Networks. IEEE Wireless Communications Letters, 2012, 1, 53-56.	3.2	36
32	Performance Analysis Framework for Transmit Antenna Selection Strategies of Cooperative MIMO AF Relay Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3030-3044.	3.9	49
33	Asymptotically-Exact Performance Bounds of AF Multi-Hop Relaying over Nakagami Fading. IEEE Transactions on Communications, 2011, 59, 962-967.	4.9	37
34	Efficient LLR Calculation for Non-Binary Modulations over Fading Channels. IEEE Transactions on Communications, 2011, 59, 1236-1241.	4.9	32
35	Output-Threshold Multiple-Relay-Selection Scheme for Cooperative Wireless Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3091-3097.	3.9	66
36	LDPC code design considerations for non-uniform channels. IEEE Transactions on Communications, 2010, 58, 101-109.	4.9	7

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37	Transmit Antenna Selection Strategies for Cooperative MIMO AF Relay Networks. , 2010, , .		10
38	Feedback Delay Effect on Dual-Hop MIMO AF Relaying with Antenna Selection. , 2010, , .		12
39	Piecewise linear LLR approximation for non-binary modulations over Gaussian channels with unknown noise variance. , 2010, , .		1
40	Linear LLR approximation for iterative decoding on wireless channels. IEEE Transactions on Communications, 2009, 57, 3278-3287.	4.9	30