

# Hamdi Joudeh

## List of Publications by Year in descending order

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26  
papers

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1163117

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docs citations

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times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sum-Rate Maximization for Linearly Precoded Downlink Multiuser MISO Systems With Partial CSIT: A Rate-Splitting Approach. IEEE Transactions on Communications, 2016, 64, 4847-4861.	7.8	242
2	Robust Transmission in Downlink Multiuser MISO Systems: A Rate-Splitting Approach. IEEE Transactions on Signal Processing, 2016, 64, 6227-6242.	5.3	147
3	Rate-Splitting for Max-Min Fair Multigroup Multicast Beamforming in Overloaded Systems. IEEE Transactions on Wireless Communications, 2017, 16, 7276-7289.	9.2	121
4	On coded caching in the overloaded MISO broadcast channel. , 2017, , .		37
5	Overloaded multiuser MISO transmission with imperfect CSIT. , 2016, , .		22
6	A rate-splitting strategy for max-min fair multigroup multicasting. , 2016, , .		22
7	Generalized Degrees of Freedom of the Symmetric Cache-Aided MISO Broadcast Channel With Partial CSIT. IEEE Transactions on Information Theory, 2019, 65, 5799-5815.	2.4	17
8	Joint Communication and Binary State Detection. IEEE Journal on Selected Areas in Information Theory, 2022, 3, 113-124.	2.5	13
9	On the Optimality of Treating Inter-Cell Interference as Noise in Uplink Cellular Networks. IEEE Transactions on Information Theory, 2019, 65, 7208-7232.	2.4	11
10	On the Separability of Parallel MISO Broadcast Channels Under Partial CSIT: A Degrees of Freedom Region Perspective. IEEE Transactions on Information Theory, 2020, 66, 4513-4529.	2.4	11
11	On the Optimality of Treating Inter-Cell Interference as Noise: Downlink Cellular Networks and Uplink-Downlink Duality. IEEE Transactions on Information Theory, 2020, 66, 6939-6961.	2.4	9
12	AMMSE optimization for multiuser MISO systems with imperfect CSIT and perfect CSIR. , 2014, , .		6
13	On Multi-Cell Uplink-Downlink Duality with Treating Inter-Cell Interference as Noise. , 2019, , .		6
14	DoF Region of the MISO BC with Partial CSIT: Proof by Inductive Fourier-Motzkin Elimination. , 2019, , .		6
15	Fundamental Limits of Wireless Caching Under Mixed Cacheable and Uncacheable Traffic. , 2020, , .		5
16	On the Optimality of Treating Interference as Noise for Interfering Multiple Access Channels. , 2018, , .		4
17	Centralized and Decentralized Cache-Aided Interference Management in Heterogeneous Parallel Channels. IEEE Transactions on Communications, 2020, 68, 1881-1896.	7.8	4
18	Fundamental Limits of Wireless Caching Under Mixed Cacheable and Uncacheable Traffic. IEEE Transactions on Information Theory, 2021, 67, 4747-4767.	2.4	4

#	ARTICLE	IF	CITATIONS
19	A rate-splitting approach to robust multiuser MISO transmission. , 2016, , .		3
20	Robust Cache-Aided Interference Management Under Full Transmitter Cooperation. , 2018, , .		3
21	SWIPT Signalling over Complex AWGN Channels with Two Nonlinear Energy Harvester Models. , 2018, , .		3
22	Cellular Networks With Finite Precision CSIT: GDoF Optimality of Multi-Cell TIN and Extremal Gains of Multi-Cell Cooperation. IEEE Transactions on Information Theory, 2021, 67, 6525-6547.	2.4	3
23	Optimality of Treating Inter-Cell Interference as Noise Under Finite Precision CSIT. , 2020, , .		2
24	On the DoF of Parallel MISO BCs with Partial CSIT: Total Order and Separability. , 2017, , .		0
25	On the Optimality of Treating Interference as Noise: General Message Sets Revisited. , 2021, , .		0
26	Corrections to "On the Separability of Parallel MISO Broadcast Channels Under Partial CSIT: A Degrees of Freedom Region Perspective" IEEE Transactions on Information Theory, 2020, 66, 6605-6605.	2.4	0