Ibrahim Abou-Faycal

List of Publications by Year
in descending order

20 papers	105 citations	2258059 3 h-index	2053705 5 g-index
20 all docs	20 docs citations	20 times ranked	81 citing authors

#	Article	IF	Citations
1	Lossy coding of a time-limited piece of a band-limited white Gaussian source. , 2020, , .		0
2	Time-Limited Codewords over Band-Limited Channels: Data Rates and the Dimension of the W-T Space. Entropy, 2020, 22, 924.	2.2	1
3	On Properties of the Support of Capacity-Achieving Distributions for Additive Noise Channel Models With Input Cost Constraints. IEEE Transactions on Information Theory, 2018, 64, 1178-1198.	2.4	21
4	Information Measures, Inequalities and Performance Bounds for Parameter Estimation in Impulsive Noise Environments. IEEE Transactions on Information Theory, 2018, 64, 1825-1844.	2.4	11
5	Optimal training for non–feedback adaptive modulation over Rayleigh fading channels. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1441-1453.	3.9	0
6	Generalized fisher information and upper bounds on the differential entropy of independent sums. , 2016, , .		1
7	On the Finiteness of the Capacity of Continuous Channels. IEEE Transactions on Communications, 2016, 64, 166-173.	7.8	12
8	A New Tight Upper Bound on the Entropy of Sums. Entropy, 2015, 17, 8312-8324.	2.2	3
9	LP Decoding Excess Over Symmetric Channels. IEEE Communications Letters, 2015, 19, 1492-1495.	4.1	0
10	On the single-user capacity of some multiple access channels. , 2014, , .		1
11	A cauchy input achieves the capacity of a Cauchy channel under a logarithmic constraint. , 2014, , .		14
12	Minimum power broadcast trees subject to interference. , 2014, , .		0
13	The sum-capacity of discrete-noise multiple-access channels with single-user decoding and identical codebooks. , 2012, , .		3
14	On the capacity of additive white alpha-stable noise channels. , 2012, , .		17
15	Optimal placement of uncoded memoryless regenerators for OOK signaling. , 2012, , .		0
16	The capacity of average power constrained additive non-Gaussian noise channels. , 2012, , .		9
17	On the detrimental effect of assuming a linear model for non-linear AWGN channels. , 2011, , .		3
18	On the capacity of some deterministic non-linear channels subject to additive white Gaussian noise. , 2010, , .		7

#	Article	IF	Citations
19	Delay-efficient GOP size control algorithm in Wyner-Ziv Video Coding. , 2009, , .		1
20	A Unified information flow model of Poisson-type brain neuronal network activity. , 2008, , .		1