Günther Koliander

List of Publications by Year
in descending order

18 papers	**137** citations	1684188 **5** h-index	1588992 **8** g-index
18 all docs	**18** docs citations	**18** times ranked	**99** citing authors

#	Article	IF	Citations
1	Oversampling Increases the Pre-Log of Noncoherent Rayleigh Fading Channels. IEEE Transactions on Information Theory, 2014, 60, 5673-5681.	2.4	46
2	Fusion of Probability Density Functions. Proceedings of the IEEE, 2022, 110, 404-453.	21.3	24
3	Characterization of Analytic Wavelet Transforms and a New Phaseless Reconstruction Algorithm. IEEE Transactions on Signal Processing, 2019, 67, 3894-3908.	5.3	20
4	Entropy and Source Coding for Integer-Dimensional Singular Random Variables. IEEE Transactions on Information Theory, 2016, 62, 6124-6154.	2.4	11
5	Lossless Analog Compression. IEEE Transactions on Information Theory, 2019, 65, 7480-7513.	2.4	8
6	A lower bound on the noncoherent capacity pre-log for the MIMO channel with temporally correlated fading. , 2012, , .		5
7	Degrees of Freedom of Generic Block-Fading MIMO Channels Without <italic>a Priori</italic> Channel State Information. IEEE Transactions on Information Theory, 2014, 60, 7760-7781.	2.4	4
8	Information Bottleneck on General Alphabets. , 2018, , .		3
9	Rate-Distortion Theory of Finite Point Processes. IEEE Transactions on Information Theory, 2018, 64, 5832-5861.	2.4	3
10	Zeros of Gaussian Weylâ€"Heisenberg Functions and Hyperuniformity of Charge. Journal of Statistical Physics, 2022, 187, 22.	1.2	3
11	Generic correlation increases noncoherent MIMO capacity. , 2013, , .		2
12	Lossless linear analog compression. , 2016, , .		2
13	Rate-Distortion Theory for General Sets and Measures. , 2018, , .		2
14	Filtering the Continuous Wavelet Transform Using Hyperbolic Triangulations. , 2019, , .		2
15	Entropy for singular distributions. , 2014, , .		1
16	Local detection and estimation of multiple objects from images with overlapping observation areas. , 2017, , .		1
17	How costly is it to learn fading channels?. , 2013, , .		0
18	Modelling the utility of group testing for public health surveillance. Infectious Disease Modelling, 2021, 6, 1009-1024.	1.9	0