Chunhua Geng

List of Publications by Year
in descending order

15 papers	354 citations	1307594 7 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	199 citing authors

#	Article	IF	Citations
1	On the Optimality of Treating Interference as Noise. IEEE Transactions on Information Theory, 2015, 61, 1753-1767.	2.4	151
2	Topological interference management with alternating connectivity. , 2013, , .		43
3	On the Optimality of Treating Interference as Noise: General Message Sets. IEEE Transactions on Information Theory, 2015, 61, 3722-3736.	2.4	29
4	Exploiting Channel Correlations for NLOS ToA Localization With Multivariate Gaussian Mixture Models. IEEE Wireless Communications Letters, 2020, 9, 70-73.	5.0	27
5	On the Optimality of Treating Interference as Noise: Compound Interference Networks. IEEE Transactions on Information Theory, 2016, 62, 4630-4653.	2.4	20
6	Multilevel topological interference management. , 2013, , .		18
7	On the Symmetric 2-User Deterministic Interference Channel with Confidential Messages. , 2015, , .		14
8	Secure GDoF of <inline-formula> <tex-math notation="LaTeX">K</tex-math></inline-formula>-User Gaussian Interference Channels: When Secrecy Incurs No Penalty. IEEE Communications Letters, 2015, 19, 1287-1290.	4.1	14
9	Multipoint Channel Charting With Multiple-Input Multiple-Output Convolutional Autoencoder. , 2020, , .		9
10	Multilevel Topological Interference Management: A TIM-TIN Perspective. IEEE Transactions on Communications, 2021, 69, 7350-7362.	7.8	8
11	Power Control by GDoF Duality of Treating Interference as Noise. IEEE Communications Letters, 2018, 22, 244-247.	4.1	7
12	Optimal Secure GDoF of Symmetric Gaussian Wiretap Channel With a Helper. IEEE Transactions on Information Theory, 2021, 67, 2334-2352.	2.4	6
13	Experimental Study on Probabilistic ToA and AoA Joint Localization in Real Indoor Environments. , 2021, , .		4
14	On the optimality of zero-forcing and treating interference as noise for K-user MIMO interference channels. , 2016, , .		2
15	Robust Optimality of Secure TIN. IEEE Transactions on Wireless Communications, 2022, 21, 3071-3082.	9.2	2