Yuting Fang

List of Publications by Year
in descending order

14 papers	108 citations	1937685 4 h-index	1872680 6 g-index
14 all docs	14 docs citations	14 times ranked	100 citing authors

#	Article	IF	Citations
1	Convex Optimization of Distributed Cooperative Detection in Multi-Receiver Molecular Communication. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2017, 3, 166-182.	2.1	28
2	Symbol-by-Symbol Maximum Likelihood Detection for Cooperative Molecular Communication. IEEE Transactions on Communications, 2019, 67, 4885-4899.	7.8	16
3	Channel Characterization for 1-D Molecular Communication With Two Absorbing Receivers. IEEE Communications Letters, 2020, 24, 1150-1154.	4.1	14
4	Distributed Cooperative Detection for Multi-Receiver Molecular Communication. , 2016, , .		13
5	Maximum Likelihood Detection for Cooperative Molecular Communication. , 2018, , .		7
6	A survey on estimation schemes in molecular communications. , 2022, 124, 103163.		5
7	Simplified cooperative detection for multi-receiver molecular communication. , 2017, , .		4
8	Expected Density of Cooperative Bacteria in a 2D Quorum Sensing Based Molecular Communication System. , 2019, , .		4
9	Membrane Fusion-Based Transmitter Design for Static and Diffusive Mobile Molecular Communication Systems. IEEE Transactions on Communications, 2022, 70, 132-148.	7.8	4
10	Effect of local population uncertainty on cooperation in bacteria. , 2017, , .		3
11	Molecular Information Delivery in Porous Media. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 257-262.	2.1	3
12	Membrane Fusion-Based Transmitter Design for Molecular Communication Systems. , 2021, , .		3
13	Characterization of Cooperators in Quorum Sensing With 2D Molecular Signal Analysis. IEEE Transactions on Communications, 2021, 69, 799-816.	7.8	2
14	Parameter Estimation in a Noisy 1D Environment via Two Absorbing Receivers. , 2020, , .		2