

# Yuting Fang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3745655/publications.pdf>

Version: 2024-02-01

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