

Daiki Nishiguchi

List of Publications by Year in descending order

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416
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range nematic order and anomalous fluctuations in suspensions of swimming filamentous bacteria. <i>Physical Review E</i> , 2017, 95, 020601.	2.1	97
2	Mesoscopic turbulence and local order in Janus particles self-propelling under an ac electric field. <i>Physical Review E</i> , 2015, 92, 052309.	2.1	85
3	Flagellar dynamics of chains of active Janus particles fueled by an AC electric field. <i>New Journal of Physics</i> , 2018, 20, 015002.	2.9	77
4	Engineering bacterial vortex lattice via direct laser lithography. <i>Nature Communications</i> , 2018, 9, 4486.	12.8	73
5	Organizing bacterial vortex lattices by periodic obstacle arrays. <i>Communications Physics</i> , 2020, 3, .	5.3	34
6	Pair correlation of dilute active Brownian particles: From low-activity dipolar correction to high-activity algebraic depletion wings. <i>Physical Review E</i> , 2021, 103, 012605.	2.1	14
7	Deep mutational scanning of the <i>Neisseria meningitidis</i> major pilin reveals the importance of pilus tip-mediated adhesion. <i>EMBO Journal</i> , 2019, 38, e102145.	7.8	12
8	Algebraic correlations and anomalous fluctuations in ordered flocks of Janus particles fueled by an AC electric field. <i>Physical Review Research</i> , 2021, 3, .	3.6	10
9	General Conclusion and Outlook. <i>Springer Theses</i> , 2020, , 123-125.	0.1	0
10	Active Turbulence. <i>Springer Theses</i> , 2020, , 85-96.	0.1	0