

# Gaspard Junot

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5787353/publications.pdf>

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7  
papers

145  
citations

1683934

5  
h-index

1872570

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g-index

7  
all docs

7  
docs citations

7  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillatory surface rheotaxis of swimming <i>E. coli</i> bacteria. Nature Communications, 2019, 10, 3434.	5.8	73
2	Swimming bacteria in Poiseuille flow: The quest for active Bretherton-Jeffery trajectories. Europhysics Letters, 2019, 126, 44003.	0.7	29
3	3D Spatial Exploration by <i>E. coli</i> Echoes Motor Temporal Variability. Physical Review X, 2020, 10, .	2.8	14
4	Run-to-Tumble Variability Controls the Surface Residence Times of <i>E. coli</i> Bacteria. Physical Review Letters, 2022, 128, .	2.9	12
5	Collective hydrodynamic transport of magnetic microrollers. Soft Matter, 2021, 17, 8605-8611.	1.2	11
6	Single-trajectory characterization of active swimmers in a flow. Physical Review E, 2021, 103, 032608.	0.8	3
7	Elastically-mediated collective organisation of magnetic microparticles. Soft Matter, 0, , .	1.2	3