

# Takaki Yamamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

311  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracing the origin of hair follicle stem cells. <i>Nature</i> , 2021, 594, 547-552.	27.8	62
2	Chirality-induced helical self-propulsion of cholesteric liquid crystal droplets. <i>Soft Matter</i> , 2017, 13, 3328-3333.	2.7	52
3	Adherens junction regulates cryptic lamellipodia formation for epithelial cell migration. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	45
4	Reorientation behavior in the helical motility of light-responsive spiral droplets. <i>Nature Communications</i> , 2019, 10, 5238.	12.8	43
5	Cell cycle-dependent active stress drives epithelia remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
6	Small molecule solution-processed bulk heterojunction solar cells with inverted structure using porphyrin donor. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	24
7	Theoretical model of chirality-induced helical self-propulsion. <i>Physical Review E</i> , 2018, 97, 012607.	2.1	13
8	Hydrodynamic rotlet dipole driven by spinning chiral liquid crystal droplets. <i>Physical Review E</i> , 2019, 99, 022704.	2.1	8
9	Collective cell migration of epithelial cells driven by chiral torque generation. <i>Physical Review Research</i> , 2020, 2, .	3.6	8
10	Tracheal motile cilia in mice require CAMSAP3 for the formation of central microtubule pair and coordinated beating. <i>Molecular Biology of the Cell</i> , 2021, 32, ar12.	2.1	7
11	Non-monotonic fluidization generated by fluctuating edge tensions in confluent tissues. <i>Soft Matter</i> , 2022, 18, 2168-2175.	2.7	7