

# Hao Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/946700/publications.pdf>

Version: 2024-02-01

10  
papers

289  
citations

1163117

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h-index

1474206

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g-index

10  
all docs

10  
docs citations

10  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology control of human fibroblast cells monolayer by liquid crystal elastomer. Science Advances, 2020, 6, eaaz6485.	10.3	88
2	Polar jets of swimming bacteria condensed by a patterned liquid crystal. Nature Physics, 2020, 16, 481-487.	16.7	51
3	Low-Order Number Diffraction-Limited Pancharatnam-Berry Microlenses Enabled by Plasmonic Photopatterning of Liquid Crystal Polymers. Advanced Materials, 2019, 31, e1808028.	21.0	42
4	Liquid Crystal Pancharatnam-Berry Micro-Optical Elements for Laser Beam Shaping. Advanced Optical Materials, 2018, 6, 1800961.	7.3	36
5	Plasmonic Metasurfaces with High UV-Vis Transmittance for Photopatterning of Designer Molecular Orientations. Advanced Optical Materials, 2019, 7, 1900117.	7.3	17
6	Pancharatnam-Berry optical lenses. Journal of the Optical Society of America B: Optical Physics, 2019, 36, D107.	2.1	16
7	Controlled Placement of Microparticles at the Water-Liquid Crystal Elastomer Interface. ACS Applied Materials & Interfaces, 2019, 11, 15007-15013.	8.0	15
8	Control of microswimmers by spiral nematic vortices: Transition from individual to collective motion and contraction, expansion, and stable circulation of bacterial swirls. Physical Review Research, 2020, 2, .	3.6	15
9	Dynamically morphing microchannels in liquid crystal elastomer coatings containing disclinations. Journal of Applied Physics, 2020, 128, .	2.5	5
10	Liquid crystal Pancharatnam-Berry optical elements. , 2019, , .		4