

Hao Yu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

289
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

333
citing authors

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