

Maryam Nikkhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9324167/publications.pdf>

Version: 2024-02-01

11
papers

143
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-controlled topological charge in a nematic liquid crystal. Nature Physics, 2015, 11, 183-187.	16.7	68
2	Isotropic Liquid Crystal Elastomers as Exceptional Photoelastic Strain Sensors. Macromolecules, 2020, 53, 3709-3718.	4.8	25
3	Annihilation dynamics of topological monopoles on a fiber in nematic liquid crystals. Physical Review E, 2016, 93, 062703.	2.1	14
4	Topological binding and elastic interactions of microspheres and fibres in a nematic liquid crystal. European Physical Journal E, 2015, 38, 23.	1.6	11
5	Direct and Clean Loading of Nanoparticles into Optical Traps at Millibar Pressures. Photonics, 2021, 8, 458.	2.0	9
6	Tuneable ferroelectric liquid crystal microlaser. Liquid Crystals, 2020, 47, 994-1003.	2.2	5
7	Dynamics of topological monopoles annihilation on a fibre in a thick and thin nematic layer. European Physical Journal E, 2016, 39, 100.	1.6	4
8	Geometric stabilisation of topological defects on micro-helices and grooved rods in nematic liquid crystals. Soft Matter, 2018, 14, 9819-9829.	2.7	4
9	Self-assembled liquid-crystal microlasers, microresonators, and microfibres. , 2014, , .		2
10	Creation and topological charge switching of defect loops on a long fibre in the nematic liquid crystal. Liquid Crystals, 2018, 45, 2294-2305.	2.2	1
11	Electric field tuning of ferroelectric liquid-crystal microlaser. , 2020, , .		0