

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