

Xingzhou Tang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7503753/publications.pdf>

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6
papers

129
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Orientation of topological defects in 2D nematic liquid crystals. <i>Soft Matter</i> , 2017, 13, 5481-5490.	2.7	54
2	Theory of defect motion in 2D passive and active nematic liquid crystals. <i>Soft Matter</i> , 2019, 15, 587-601.	2.7	29
3	Geometry and mechanics of disclination lines in 3D nematic liquid crystals. <i>Soft Matter</i> , 2021, 17, 2265-2278.	2.7	21
4	Minimization principle for shear alignment of liquid crystals. <i>Physical Review E</i> , 2020, 101, 032701.	2.1	11
5	Alignment of a topological defect by an activity gradient. <i>Physical Review E</i> , 2021, 103, 022703.	2.1	10
6	Annihilation trajectory of defects in smectic- C films. <i>Physical Review E</i> , 2020, 102, 012702.	2.1	4