

Elisabetta A Matsumoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2956771/publications.pdf>

Version: 2024-02-01

12
papers

2,405
citations

1464605

7
h-index

1427216

11
g-index

12
all docs

12
docs citations

12
times ranked

4823
citing authors

#	ARTICLE	IF	CITATIONS
1	Curved boundaries and chiral instabilities – two sources of twist in homeotropic nematic tori. <i>Soft Matter</i> , 2019, 15, 1210-1214.	1.2	6
2	Topology, Geometry, and Mechanics of Z -Plasty. <i>Physical Review Letters</i> , 2018, 120, 068101.	2.9	5
3	Mechanics of biomimetic 4D printed structures. <i>Soft Matter</i> , 2018, 14, 8771-8779.	1.2	22
4	Curvature-Induced Twist in Homeotropic Nematic Tori. <i>Physical Review Letters</i> , 2018, 121, 247803.	2.9	17
5	Self-assembly of twisted, multi-sheet aggregates. <i>Molecular Physics</i> , 2018, 116, 2823-2835.	0.8	2
6	Straight round the twist: frustration and chirality in smectics-A. <i>Interface Focus</i> , 2017, 7, 20160118.	1.5	5
7	Biomimetic 4D printing. <i>Nature Materials</i> , 2016, 15, 413-418.	13.3	2,268
8	Wrinkles and splay conspire to give positive disclinations negative curvature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12639-12644.	3.3	13
9	Smectic pores and defect cores. <i>Interface Focus</i> , 2012, 2, 617-622.	1.5	14
10	Elastic-instability triggered pattern formation. <i>Physical Review E</i> , 2009, 80, 021604.	0.8	23
11	Helical Nanofilaments and the High Chirality Limit of Smectics A . <i>Physical Review Letters</i> , 2009, 103, 257804.	2.9	30
12	Ray-Marching Thurston Geometries. <i>Experimental Mathematics</i> , 0, , 1-81.	0.5	0