Teresa Lopez-Leon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3962607/publications.pdf

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28	1,291	394421	501196
papers	citations	19 h-index	28 g-index

28	28	28	1245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From nematic shells to nematic droplets: energetics and defect transitions. Soft Matter, 2022, , .	2.7	2
2	Topological solitons, cholesteric fingers and singular defect lines in Janus liquid crystal shells. Soft Matter, 2020, 16, 2669-2682.	2.7	20
3	Temperature-Driven Anchoring Transitions at Liquid Crystal/Water Interfaces. Langmuir, 2020, 36, 9368-9376.	3.5	19
4	Active microfluidic transport in two-dimensional handlebodies. Soft Matter, 2020, 16, 9230-9241.	2.7	23
5	Structural transformations in tetravalent nematic shells induced by a magnetic field. Soft Matter, 2020, 16, 8169-8178.	2.7	5
6	Reconfigurable flows and defect landscape of confined active nematics. Communications Physics, 2019, 2, .	5.3	60
7	Threading the Spindle: A Geometric Study of Chiral Liquid Crystal Polymer Microparticles. Physical Review Letters, 2019, 123, 157801.	7.8	14
8	Switchable Lasing: Selfâ€Regulated Smectic Emulsion with Switchable Lasing Application (Small 49/2019). Small, 2019, 15, 1970268.	10.0	1
9	Change in Stripes for Cholesteric Shells via Anchoring in Moderation. Physical Review X, 2017, 7, .	8.9	29
10	Elastic interactions between topological defects in chiral nematic shells. Physical Review E, 2016, 94, 062701.	2.1	14
11	Topological defects in cholesteric liquid crystal shells. Soft Matter, 2016, 12, 9280-9288.	2.7	45
12	Waltzing route toward double-helix formation in cholesteric shells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9469-9474.	7.1	42
13	Spherical nematic shells with a threefold valence. Physical Review E, 2016, 94, 012703.	2.1	21
14	Thermally sensitive reversible microgels formed by poly(N-Isopropylacrylamide) charged chains: A Hofmeister effect study. Journal of Colloid and Interface Science, 2014, 426, 300-307.	9.4	33
15	Microparticles confined to a nematic liquid crystal shell. Soft Matter, 2013, 9, 6911.	2.7	41
16	Bivalent defect configurations in inhomogeneous nematic shells. Soft Matter, 2013, 9, 4993.	2.7	34
17	Defect trajectories in nematic shells: Role of elastic anisotropy and thickness heterogeneity. Physical Review E, 2012, 86, 020705.	2.1	50
18	Smectic shells. Journal of Physics Condensed Matter, 2012, 24, 284122.	1.8	13

#	Article	IF	Citations
19	Defect coalescence in spherical nematic shells. Physical Review E, 2012, 86, 030702.	2.1	25
20	Ionâ€Specific Aggregation of Hydrophobic Particles. ChemPhysChem, 2012, 13, 2382-2391.	2.1	38
21	Nematic-Smectic Transition in Spherical Shells. Physical Review Letters, 2011, 106, 247802.	7.8	104
22	Drops and shells of liquid crystal. Colloid and Polymer Science, 2011, 289, 345-359.	2.1	189
23	Salt Effects in the Cononsolvency of Poly(Nâ€isopropylacrylamide) Microgels. ChemPhysChem, 2010, 11, 188-194.	2.1	21
24	Ion-induced reversibility in the aggregation of hydrophobic colloids. Soft Matter, 2010, 6, 1114.	2.7	12
25	Hofmeister Effects in Colloidal Systems: Influence of the Surface Nature. Journal of Physical Chemistry C, 2008, 112, 16060-16069.	3.1	141
26	Hofmeister Effects on Poly(NIPAM) Microgel Particles: Macroscopic Evidence of Ion Adsorption and Changes in Water Structure. ChemPhysChem, 2007, 8, 148-156.	2.1	60
27	Cationic and Anionic Poly(N-isopropylacrylamide) Based Submicron Gel Particles:Â Electrokinetic Properties and Colloidal Stability. Journal of Physical Chemistry B, 2006, 110, 4629-4636.	2.6	113
28	Hofmeister Effects in the Stability and Electrophoretic Mobility of Polystyrene Latex Particles. Journal of Physical Chemistry B, 2003, 107, 5696-5708.	2.6	122