Andreja Å arlah

List of Publications by Year
in descending order

16	248	1163117 8	1281871 11
papers	citations	h-index	g-index

16	16	16	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Equilibrium structures and pretransitional fluctuations in a very thin hybrid nematic film. Physical Review E, 1999, 60, 1821-1830.	2.1	50
2	Structures and transitions in thin hybrid nematic films: A Monte Carlo study. Physical Review E, 2003, 67, 050703.	2.1	36
3	Spin models for orientational ordering of colloidal molecular crystals. Physical Review E, 2007, 75, 021402.	2.1	34
4	Melting of Colloidal Molecular Crystals on Triangular Lattices. Physical Review Letters, 2005, 95, 088302.	7.8	27
5	Colloids on free-standing smectic films. European Physical Journal E, 2006, 20, 231-236.	1.6	25
6	Van der Waals interaction mediated by an optically uniaxial layer. Physical Review E, 2001, 64, 051606.	2.1	22
7	Collective fluctuations and wetting in nematic liquid crystals. Physical Review E, 1998, 58, 602-609.	2.1	20
8	The Winch Model Can Explain both Coordinated and Uncoordinated Stepping of Cytoplasmic Dynein. Biophysical Journal, 2014, 107, 662-671.	0.5	19
9	Minimum requirements for motility of a processive motor protein. PLoS ONE, 2017, 12, e0185948.	2.5	7
10	Casimir Interactions and Instability of Thin Nematic Films. Molecular Crystals and Liquid Crystals, 2001, 364, 443-452.	0.3	5
11	Orientational Fluctuations and Pseudo-Casimir Force in Confined Nematic Liquid Crystals. Molecular Crystals and Liquid Crystals, 2001, 358, 83-95.	0.3	2
12	Soft Modes in Confined Nematic Liquid Crystals. Molecular Crystals and Liquid Crystals, 1999, 329, 413-421.	0.3	1
13	Fluctuations in Confined Liquid Crystals and Pretransitional Evanescent Light Scattering. Molecular Crystals and Liquid Crystals, 1998, 320, 231-238.	0.3	0
14	Mechano-Chemical Model for the Stepping of Cytoplasmic Dynein. Biophysical Journal, 2015, 108, 135a.	0.5	0
15	Mechano-Chemical Model for the Mechanism of Directed Processive Motility of Cytoplasmic Dynein. Biophysical Journal, 2016, 110, 7a.	0.5	0
16	Oscillating external force as a tool to tune motility characteristics of molecular motors. Physical Review E, 2021, 104, 064406.	2.1	0