Andreja Å arlah

List of Publications by Year
in descending order

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