Xingkun Man

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9223959/publications.pdf

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29	729	567144 15	552653 26
papers	citations	h-index	g-index

30	30	30	766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epitaxial growth of bilayer Bi(110) on two-dimensional ferromagnetic Fe₃GeTe₂. Journal of Physics Condensed Matter, 2022, 34, 074003.	0.7	5
2	Evaporation Dynamics of Sessile Droplets: The Intricate Coupling of Capillary, Evaporation, and Marangoni Flow. Langmuir, 2022, 38, 4887-4893.	1.6	6
3	Formation of diblock copolymer nanoparticles: Theoretical aspects. Giant, 2022, 10, 100101.	2.5	3
4	Deposition pattern of drying droplets. Communications in Theoretical Physics, 2021, 73, 047601.	1.1	22
5	General Programmable Growth of Hybrid Coreâ€“Shell Nanostructures with Liquid Metal Nanodroplets. Advanced Materials, 2021, 33, e2008024.	11.1	28
6	Enhanced Heterogeneous Diffusion of Nanoparticles in Semiflexible Networks. ACS Nano, 2021, 15, 4608-4616.	7.3	40
7	Enhanced Electro-actuation in Dielectric Elastomers: The Nonlinear Effect of Free Ions. ACS Macro Letters, 2021, 10, 498-502.	2.3	3
8	Swelling Dynamics of a Disk-Shaped Gel. Macromolecules, 2021, 54, 4626-4632.	2.2	10
9	Block copolymer thin films. Physics Reports, 2021, 932, 1-36.	10.3	52
10	The contact angle of an evaporating droplet of a binary solution on a super wetting surface. Soft Matter, 2021, 17, 7932-7939.	1.2	7
11	Selective Adsorption of Confined Polymers: Self-Consistent Field Theory Studies. Macromolecules, 2021, 54, 9602-9608.	2.2	4
12	Formation of Deposition Patterns Induced by the Evaporation of the Restricted Liquid. Langmuir, 2020, 36, 8520-8526.	1.6	14
13	The drying of liquid droplets*. Chinese Physics B, 2020, 29, 096803.	0.7	8
14	Drying Droplets with Soluble Surfactants. Langmuir, 2019, 35, 14734-14741.	1.6	19
15	Vapor-induced motion of two pure liquid droplets. Soft Matter, 2019, 15, 2135-2139.	1.2	17
16	Orienting Cylinder-Forming Block Copolymer Thin Films: The Combined Effect of Substrate Corrugation and Its Surface Energy. Macromolecules, 2019, 52, 1241-1248.	2.2	8
17	Interpenetrating Janus Membrane for High Rectification Ratio Liquid Unidirectional Penetration. ACS Nano, 2019, 13, 4124-4132.	7.3	125
18	Defect Removal by Solvent Vapor Annealing in Thin Films of Lamellar Diblock Copolymers. Macromolecules, 2019, 52, 9321-9333.	2.2	15

#	Article	IF	Citations
19	Translocation of a vesicle through a narrow hole across a membrane. Journal of Chemical Physics, 2018, 148, 134901.	1.2	13
20	Orienting Thin Films of Lamellar Block Copolymer: The Combined Effect of Mobile Ions and Electric Field. Macromolecules, 2018, 51, 7881-7892.	2.2	7
21	Multi-ring Deposition Pattern of Drying Droplets. Langmuir, 2018, 34, 9572-9578.	1.6	25
22	Deposition Patterns of Two Neighboring Droplets: Onsager Variational Principle Studies. Langmuir, 2017, 33, 5965-5972.	1.6	16
23	Structure Formation in Softâ€Matter Solutions Induced by Solvent Evaporation. Advanced Materials, 2017, 29, 1703769.	11.1	67
24	Vapor-Induced Motion of Liquid Droplets on an Inert Substrate. Physical Review Letters, 2017, 119, 044502.	2.9	40
25	Ring to Mountain Transition in Deposition Pattern of Drying Droplets. Physical Review Letters, 2016, 116, 066101.	2.9	96
26	Defect-Free Perpendicular Diblock Copolymer Films: The Synergy Effect of Surface Topography and Chemistry. Macromolecules, 2016, 49, 8241-8248.	2.2	21
27	Lamellar Diblock Copolymers on Rough Substrates: Self-Consistent Field Theory Studies. Macromolecules, 2015, 48, 7689-7697.	2.2	16
28	Block copolymer films with free interfaces: Ordering by nanopatterned substrates. Physical Review E, 2012, 86, 010801.	0.8	16
29	Tailoring Nanostructures Using Copolymer Nanoimprint Lithography. Advanced Materials, 2012, 24, 1952-1955.	11.1	24