Weibin Li

List of Publications by Year
in descending order

14	136	1307594 7	1199594 12
papers	citations	h-index	g-index

14	14	14	122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pattern Formation in Drying Sessile and Pendant Droplet: Interactions of Gravity Settling, Interface Shrinkage, and Capillary Flow. Langmuir, 2019, 35, 113-119.	3.5	37
2	Dewetting-mediated pattern formation inside the coffee ring. Physical Review E, 2017, 95, 042607.	2.1	22
3	Exploration of Direct-Ink-Write 3D Printing in Space: Droplet Dynamics and Patterns Formation in Microgravity. Microgravity Science and Technology, 2020, 32, 935-940.	1.4	17
4	Self-Assembly of Ordered Microparticle Monolayers from Drying a Droplet on a Liquid Substrate. Journal of Physical Chemistry Letters, 2019, 10, 6184-6188.	4.6	12
5	Colloidal Material Box: In-situ Observations of Colloidal Self-Assembly and Liquid Crystal Phase Transitions in Microgravity. Microgravity Science and Technology, 2016, 28, 179-188.	1.4	10
6	Drop Capturing Based on Patterned Substrate in Space. Langmuir, 2018, 34, 4715-4721.	3.5	10
7	Tunable Spreading and Shrinking on Photocontrolled Liquid Substrate. ACS Omega, 2019, 4, 21967-21974.	3.5	7
8	Solution Printing of Electronics and Sensors: Applicability and Application in Space. Advanced Engineering Materials, 2022, 24, .	3.5	6
9	Ultrafast Self-Assembly of Colloidal Photonic Crystals during Low-Pressure-Assisted Evaporation of Droplets. Journal of Physical Chemistry Letters, 2022, 13, 3776-3780.	4.6	5
10	Hydrodynamic Process in the Langmuir-Blodgett Film Method. Langmuir, 2020, 36, 14461-14469.	3.5	3
11	Absorption induced ordered ring and inner network structures on a nanoporous substrate. RSC Advances, 2020, 10, 22595-22599.	3.6	3
12	Imbibition-induced ultrafast assembly and printing of colloidal photonic crystals. Journal of Colloid and Interface Science, 2022, 624, 370-376.	9.4	3
13	Wall-Confined Spreading Dynamics on the Surface of Surfactant Solution. Journal of Physical Chemistry Letters, 2022, 13, 4315-4320.	4.6	1
14	Droplet Manipulation and Colloidal Particle Self-assembling in Space. Research for Development, 2019, , 129-149.	0.4	0