Yu, Miao

List of Publications by Year
in descending order

16	875	932766 10	996533 15
papers	citations	h-index	g-index

18	18	18	1274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	There is plenty of room in protein-RNA condensates. Biophysical Journal, 2021, 120, 1121-1122.	0.2	5
2	Miuraâ€ori Metastructures: Miuraâ€ori Metastructure Enhanced Conductive Elastomers (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.0	0
3	Miuraâ€ori Metastructure Enhanced Conductive Elastomers. Advanced Materials Technologies, 2020, 5, 2000249.	3.0	8
4	Phase Separation Comes of Age: From Phenomenology to Single Molecules. Molecular Cell, 2019, 74, 413-415.	4.5	2
5	Tunable Confinement for Bridging Singleâ€Cell Manipulation and Singleâ€Molecule DNA Linearization. Small, 2018, 14, e1800229.	5.2	11
6	Controllable Formation of Monodisperse Polymer Microbubbles as Ultrasound Contrast Agents. ACS Applied Materials & Interfaces, 2018, 10, 14312-14320.	4.0	40
7	Suppressing Ice Nucleation of Supercooled Condensate with Biphilic Topography. Physical Review Letters, 2018, 120, 075902.	2.9	84
8	Modeling and optimization of condensation heat transfer at biphilic interface. International Journal of Heat and Mass Transfer, 2018, 122, 117-127.	2.5	37
9	High aspect ratio induced spontaneous generation of monodisperse picolitre droplets for digital PCR. Biomicrofluidics, 2018, 12, 014103.	1.2	25
10	Tunable Water Harvesting Surfaces Consisting of Biphilic Nanoscale Topography. ACS Nano, 2018, 12, 11022-11030.	7.3	111
11	Microfluidic production of nanoscale perfluorocarbon droplets as liquid contrast agents for ultrasound imaging. Lab on A Chip, 2017, 17, 3504-3513.	3.1	27
12	Facile formation of a microporous chitosan hydrogel based on self-crosslinking. Journal of Materials Chemistry B, 2017, 5, 9291-9299.	2.9	20
13	Regulating the Membrane Transport Activity and Death of Cells via Electroosmotic Manipulation. Biophysical Journal, 2016, 110, 2769-2778.	0.2	29
14	Filmwise-to-Dropwise Condensation Transition Enabled by Patterned High Wetting Contrast. Journal of Heat Transfer, 2015, 137, .	1.2	9
15	An on-demand nanofluidic concentrator. Lab on A Chip, 2015, 15, 1524-1532.	3.1	22
16	Recurrent Filmwise and Dropwise Condensation on a Beetle Mimetic Surface. ACS Nano, 2015, 9, 71-81.	7.3	436