

Kai-Wen Hsiao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterization of a 30 μ m pixel size CLIP-based 3D printer and its enhancement through dynamic printing optimization. Additive Manufacturing, 2022, 55, 102800.	3.0	8
2	Effect of molecular architecture on ring polymer dynamics in semidilute linear polymer solutions. Nature Communications, 2019, 10, 1753.	12.8	45
3	Parameter-free prediction of DNA dynamics in planar extensional flow of semidilute solutions. Journal of Rheology, 2017, 61, 169-186.	2.6	29
4	Direct observation of DNA dynamics in semidilute solutions in extensional flow. Journal of Rheology, 2017, 61, 151-167.	2.6	52
5	Passive non-linear microrheology for determining extensional viscosity. Physics of Fluids, 2017, 29, .	4.0	40
6	Ring Polymer Dynamics Are Governed by a Coupling between Architecture and Hydrodynamic Interactions. Macromolecules, 2016, 49, 1961-1971.	4.8	47
7	When Ends Meet: Circular DNA Stretches Differently in Elongational Flows. Macromolecules, 2015, 48, 5997-6001.	4.8	66
8	Nonequilibrium thermodynamics of dilute polymer solutions in flow. Journal of Chemical Physics, 2014, 141, 174903.	3.0	18
9	Vapor-Deposited Parylene Photoresist: A Multipotent Approach toward Chemically and Topographically Defined Biointerfaces. Langmuir, 2012, 28, 14313-14322.	3.5	18