

# Mithun Chowdhury

## List of Publications by Year in descending order

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21  
papers

458  
citations

687363

13  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoupling of Glassy Dynamics from Viscosity in Thin Supported Poly( <i>n</i> -butyl methacrylate) Films. <i>ACS Polymers Au</i> , 2022, 2, 333-340.	4.1	6
2	Cationic surfactant-directed structural control of NaCl crystals from evaporating sessile droplets. <i>Soft Matter</i> , 2021, 18, 62-79.	2.7	12
3	In situ measurement of bulk modulus and yield response of glassy thin films via confined layer compression. <i>Journal of Materials Research</i> , 2020, 35, 644-653.	2.6	7
4	Tunable Properties of MAPLE-Deposited Thin Films in the Presence of Suppressed Segmental Dynamics. <i>ACS Macro Letters</i> , 2019, 8, 1115-1121.	4.8	9
5	Surface Chemical Functionalization to Achieve Extreme Levels of Molecular Confinement in Hybrid Nanocomposites. <i>Advanced Functional Materials</i> , 2019, 29, 1903132.	14.9	9
6	Engineered exciton diffusion length enhances device efficiency in small molecule photovoltaics. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9445-9450.	10.3	17
7	Tuning Morphology and Melting Temperature in Polyethylene Films by MAPLE. <i>Macromolecules</i> , 2018, 51, 512-519.	4.8	11
8	21st Century Advances in Fluorescence Techniques to Characterize Glass-Forming Polymers at the Nanoscale. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700368.	2.2	22
9	Exploiting physical vapor deposition for morphological control in semi-crystalline polymer films. <i>Polymer Crystallization</i> , 2018, 1, e10021.	0.8	13
10	Relaxing nonequilibrated polymers in thin films at temperatures slightly above the glass transition. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 515-523.	2.1	19
11	Spatially Distributed Rheological Properties in Confined Polymers by Noncontact Shear. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1229-1234.	4.6	21
12	Tuning crystalline ordering by annealing and additives to study its effect on exciton diffusion in a polyalkylthiophene copolymer. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12441-12451.	2.8	23
13	Discrete mobility on the surface of glasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4854-4856.	7.1	17
14	Effect of Annealing on Exciton Diffusion in a High Performance Small Molecule Organic Photovoltaic Material. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14945-14952.	8.0	36
15	Stratification and two glass-like thermal transitions in aged polymer films. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29263-29270.	2.8	17
16	Intrinsic Stresses in Thin Glassy Polymer Films Revealed by Crack Formation. <i>Macromolecules</i> , 2016, 49, 9060-9067.	4.8	24
17	Solution-Processable Silicon Phthalocyanines in Electroluminescent and Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 9247-9253.	8.0	56
18	Segmental Relaxations have Macroscopic Consequences in Glassy Polymer Films. <i>Physical Review Letters</i> , 2012, 109, 136102.	7.8	51

#	ARTICLE	IF	CITATIONS
19	Swelling with a Near- $\hat{\Gamma}$ Solvent as a Means to Modify the Properties of Polymer Thin Films. <i>Macromolecules</i> , 2012, 45, 6196-6200.	4.8	14
20	Aging of Thin Polymer Films Cast from a Near-Theta Solvent. <i>Physical Review Letters</i> , 2010, 105, 227801.	7.8	74
21	Scaling mechanical instabilities in drying micellar droplets. <i>Soft Matter</i> , 0, , .	2.7	0