

# Amulya Sattor

## List of Publications by Year in descending order

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6  
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1874746

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#	ARTICLE	IF	CITATIONS
1	Multiscale Constitutive Modeling of the Mechanical Properties of Polypropylene Fibers from Molecular Simulation Data. <i>Macromolecules</i> , 2022, 55, 728-744.	2.2	5
2	Molecular Simulations of Thermoset Polymers Implementing Theoretical Kinetics with Top-Down Coarse-Grained Models. <i>Macromolecules</i> , 2020, 53, 2310-2322.	2.2	10
3	Molecular simulation of polymers with a SAFT- $\hat{\Gamma}^3$ Mie approach. <i>Molecular Simulation</i> , 2019, 45, 1223-1241.	0.9	10
4	Thermomechanical and Free-Volume Properties of Polyester Polyol Films for Coatings Applications: Role of Diol Composition. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2398-2406.	2.0	2
5	Spectroscopic and Rheological Cross-Analysis of Polyester Polyol Cure Behavior: Role of Polyester Secondary Hydroxyl Content. <i>ACS Omega</i> , 2019, 4, 932-939.	1.6	11
6	Modeling Polymer Glass Transition Properties from Empirical Monomer Data with the SAFT- $\hat{\Gamma}^3$ Mie Force Field. <i>Macromolecules</i> , 2018, 51, 9526-9537.	2.2	16