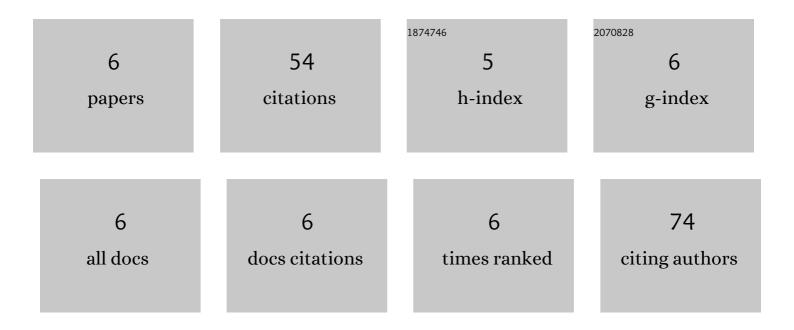
## Amulya Sattor

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7392897/publications.pdf Version: 2024-02-01



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