

# Tzyy-Shyang Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9851369/publications.pdf>

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9  
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#	ARTICLE	IF	CITATIONS
1	Coarse-Grained Simulations for Fracture of Polymer Networks: Stress Versus Topological Inhomogeneities. <i>Macromolecules</i> , 2022, 55, 4-14.	4.8	9
2	PolyDAT: A Generic Data Schema for Polymer Characterization. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1150-1163.	5.4	16
3	Random Forest Predictor for Diblock Copolymer Phase Behavior. <i>ACS Macro Letters</i> , 2021, 10, 1339-1345.	4.8	20
4	Fracture of Polymer Networks Containing Topological Defects. <i>Macromolecules</i> , 2020, 53, 7346-7355.	4.8	29
5	BigSMILES: A Structurally-Based Line Notation for Describing Macromolecules. <i>ACS Central Science</i> , 2019, 5, 1523-1531.	11.3	134
6	Extending the Phantom Network Theory to Account for Cooperative Effect of Defects. <i>Macromolecular Symposia</i> , 2019, 385, 1900010.	0.7	6
7	Revisiting the Elasticity Theory for Real Gaussian Phantom Networks. <i>Macromolecules</i> , 2019, 52, 1685-1694.	4.8	57
8	Counting Secondary Loops Is Required for Accurate Prediction of End-Linked Polymer Network Elasticity. <i>ACS Macro Letters</i> , 2018, 7, 244-249.	4.8	60
9	Kinetic Monte Carlo Simulation for Quantification of the Gel Point of Polymer Networks. <i>ACS Macro Letters</i> , 2017, 6, 1414-1419.	4.8	64