

# Ludwig Schneider

## List of Publications by Year in descending order

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15  
papers

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citations

1040056

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docs citations

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times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics and Rheology of Polymer Melts <i>via</i> Hierarchical Atomistic, Coarse-Grained, and Slip-Spring Simulations. <i>Macromolecules</i> , 2021, 54, 2740-2762.	4.8	40
2	Multi-architecture Monte-Carlo (MC) simulation of soft coarse-grained polymeric materials: SOFT coarse grained Monte-Carlo Acceleration (SOMA). <i>Computer Physics Communications</i> , 2019, 235, 463-476.	7.5	38
3	A multi-chain polymer slip-spring model with fluctuating number of entanglements: Density fluctuations, confinement, and phase separation. <i>Journal of Chemical Physics</i> , 2017, 146, 014903.	3.0	34
4	Transitions between Lamellar Orientations in Shear Flow. <i>Macromolecules</i> , 2018, 51, 4642-4659.	4.8	21
5	A Detailed Examination of the Topological Constraints of Lamellae-Forming Block Copolymers. <i>Macromolecules</i> , 2018, 51, 2110-2124.	4.8	19
6	Diblock Copolymers with Similar Glass Transition Temperatures in Both Blocks for Comparing Shear Orientation Processes with DPD Computer Simulations. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700559.	2.2	15
7	Dynamics of Long Entangled Polyisoprene Melts <i>via</i> Multiscale Modeling. <i>Macromolecules</i> , 2021, 54, 8693-8713.	4.8	14
8	Engineering Scale Simulation of Nonequilibrium Network Phases for Battery Electrolytes. <i>Macromolecules</i> , 2019, 52, 2050-2062.	4.8	13
9	Combining Particle-Based Simulations and Machine Learning to Understand Defect Kinetics in Thin Films of Symmetric Diblock Copolymers. <i>Macromolecules</i> , 2021, 54, 10074-10085.	4.8	11
10	Mesoscopic Simulations of Crosslinked Polymer Networks. <i>Journal of Physics: Conference Series</i> , 2016, 738, 012063.	0.4	9
11	Rheology of symmetric diblock copolymers. <i>Computational Materials Science</i> , 2019, 169, 109107.	3.0	9
12	Molecular simulations and hydrodynamic theory of nonlocal shear-stress correlations in supercooled fluids. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	5
13	Symmetric Diblock Copolymers in Cylindrical Confinement: A Way to Chiral Morphologies?. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50077-50095.	8.0	4
14	Is the "Bricks-and-Mortar" Mesophase Bicontinuous? Dynamic Simulations of Miktoarm Block Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2022, 55, 745-758.	4.8	3
15	Wall-Spring Thermostat: A Novel Approach for Controlling the Dynamics of Soft Coarse-Grained Polymer Fluids at Surfaces. <i>Macromolecules</i> , 2022, 55, 5550-5566.	4.8	2