

# Michael Jacobs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5867664/publications.pdf>

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11  
papers

158  
citations

1307594

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1281871

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docs citations

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times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Elasticity and Swelling of Comb and Bottlebrush Networks. <i>Macromolecules</i> , 2019, 52, 5095-5101.	4.8	29
2	When Do Polyelectrolytes Entangle?. <i>Macromolecules</i> , 2021, 54, 1859-1869.	4.8	26
3	Quantifying the Effect of Multivalent Ions in Polyelectrolyte Solutions. <i>Macromolecules</i> , 2021, 54, 9577-9586.	4.8	21
4	Tissue-Mimetic Dielectric Actuators: Free-Standing, Stable, and Solvent-Free. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1741-1745.	4.4	19
5	Molecular Dynamics Simulations of Surface and Interfacial Tension of Graft Polymer Melts. <i>Langmuir</i> , 2018, 34, 12974-12981.	3.5	17
6	Scaling of Polymer Solutions as a Quantitative Tool. <i>Macromolecules</i> , 2021, 54, 2288-2295.	4.8	15
7	Quantifying Properties of Polysaccharide Solutions. <i>ACS Polymers Au</i> , 2021, 1, 196-205.	4.1	11
8	Mechanically Diverse Gels with Equal Solvent Content. <i>ACS Central Science</i> , 2022, 8, 845-852.	11.3	10
9	Universality in Solution Properties of Polymers in Ionic Liquids. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1966-1973.	4.4	6
10	Theory and Simulations of Hybrid Networks. <i>Macromolecules</i> , 2021, 54, 7337-7346.	4.8	3
11	Deformation Model of Chains and Networks with Extendable Bonds. <i>Macromolecules</i> , 2020, 53, 10874-10881.	4.8	1