

# Jeffrey M Ting

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,031  
citations

361413

20  
h-index

434195

31  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Launching a materials informatics initiative for industrial applications in materials science, chemistry, and engineering. <i>Pure and Applied Chemistry</i> , 2022, 94, 637-642.	1.9	3
2	Translocation Behaviors of Synthetic Polyelectrolytes through Alpha-Hemolysin ( $\alpha$ -HL) and <i>Mycobacterium smegmatis</i> Porin A (MspA) Nanopores. <i>Journal of the Electrochemical Society</i> , 2022, 169, 057510.	2.9	1
3	Safety Moments in Chemical Safety Education. <i>Journal of Chemical Education</i> , 2021, 98, 9-14.	2.3	18
4	SAXS methods for investigating macromolecular and self-assembled polyelectrolyte complexes. <i>Methods in Enzymology</i> , 2021, 646, 223-259.	1.0	1
5	Complex coacervation of statistical polyelectrolytes: role of monomer sequences and formation of inhomogeneous coacervates. <i>Molecular Systems Design and Engineering</i> , 2021, 6, 790-804.	3.4	10
6	Advances in the Structural Design of Polyelectrolyte Complex Micelles. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7076-7089.	2.6	31
7	Mechanism of Dissociation Kinetics in Polyelectrolyte Complex Micelles. <i>Macromolecules</i> , 2020, 53, 102-111.	4.8	22
8	Impact of wet-dry cycling on the phase behavior and compartmentalization properties of complex coacervates. <i>Nature Communications</i> , 2020, 11, 5423.	12.8	33
9	Effects of Non-Electrostatic Intermolecular Interactions on the Phase Behavior of pH-Sensitive Polyelectrolyte Complexes. <i>Macromolecules</i> , 2020, 53, 7835-7844.	4.8	54
10	Solid-to-Liquid Phase Transition in Polyelectrolyte Complexes. <i>Macromolecules</i> , 2020, 53, 7944-7953.	4.8	39
11	Spatiotemporal Formation and Growth Kinetics of Polyelectrolyte Complex Micelles with Millisecond Resolution. <i>ACS Macro Letters</i> , 2020, 9, 1674-1680.	4.8	17
12	Lessons Learned from the Creation and Development of a Researcher-Led Safety Organization at The University of Chicago. <i>Journal of Chemical Health and Safety</i> , 2020, 27, 114-124.	2.1	13
13	Comparing Zwitterionic and PEG Exteriors of Polyelectrolyte Complex Micelles. <i>Molecules</i> , 2020, 25, 2553.	3.8	11
14	Effect of mixed solvents on polyelectrolyte complexes with salt. <i>Colloid and Polymer Science</i> , 2020, 298, 887-894.	2.1	22
15	Integrating Systems Thinking into Teaching Emerging Technologies. <i>Journal of Chemical Education</i> , 2019, 96, 2805-2813.	2.3	6
16	Controlling Complex Coacervation via Random Polyelectrolyte Sequences. <i>ACS Macro Letters</i> , 2019, 8, 1296-1302.	4.8	63
17	Polyelectrolyte Complexation of Oligonucleotides by Charged Hydrophobic $\pi$ -Neutral Hydrophilic Block Copolymers. <i>Polymers</i> , 2019, 11, 83.	4.5	39
18	Interparticle Interactions in Dilute Solutions of Polyelectrolyte Complex Micelles. <i>ACS Macro Letters</i> , 2019, 8, 819-825.	4.8	16

#	ARTICLE	IF	CITATIONS
19	Tuning PNIPAm self-assembly and thermoresponse: roles of hydrophobic end-groups and hydrophilic comonomer. <i>Polymer Chemistry</i> , 2019, 10, 3469-3479.	3.9	56
20	Evaluating Large-Scale STEM Outreach Efficacy with a Consistent Theme: Thermodynamics for Elementary School Students. <i>ACS Omega</i> , 2019, 4, 2661-2668.	3.5	4
21	Advances in Polymer Design for Enhancing Oral Drug Solubility and Delivery. <i>Bioconjugate Chemistry</i> , 2018, 29, 939-952.	3.6	97
22	Open-to-Air RAFT Polymerization in Complex Solvents: From Whisky to Fermentation Broth. <i>ACS Macro Letters</i> , 2018, 7, 406-411.	4.8	48
23	Non-equilibrium phenomena and kinetic pathways in self-assembled polyelectrolyte complexes. <i>Journal of Chemical Physics</i> , 2018, 149, 163330.	3.0	38
24	Synthesis and Assembly of Designer Styrenic Diblock Polyelectrolytes. <i>ACS Macro Letters</i> , 2018, 7, 726-733.	4.8	38
25	Direct Observation of Nanostructures during Aqueous Dissolution of Polymer/Drug Particles. <i>Macromolecules</i> , 2017, 50, 3143-3152.	4.8	26
26	Polymer Day: Outreach Experiments for High School Students. <i>Journal of Chemical Education</i> , 2017, 94, 1629-1638.	2.3	31
27	Molecular engineering solutions for therapeutic peptide delivery. <i>Chemical Society Reviews</i> , 2017, 46, 6553-6569.	38.1	103
28	High-Throughput Excipient Discovery Enables Oral Delivery of Poorly Soluble Pharmaceuticals. <i>ACS Central Science</i> , 2016, 2, 748-755.	11.3	62
29	Deconstructing HPMCAS: Excipient Design to Tailor Polymer-Drug Interactions for Oral Drug Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 978-990.	5.2	42
30	Design of Tunable Multicomponent Polymers as Modular Vehicles To Solubilize Highly Lipophilic Drugs. <i>Macromolecules</i> , 2014, 47, 6554-6565.	4.8	33
31	Precise Compositional Control and Systematic Preparation of Multimonomeric Statistical Copolymers. <i>ACS Macro Letters</i> , 2013, 2, 770-774.	4.8	46