

# William N Sharratt

## List of Publications by Year in descending order

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15  
papers

165  
citations

1163117

8  
h-index

1125743

13  
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15  
docs citations

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times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micellar structure and transformations in sodium alkylbenzenesulfonate (NaLAS) aqueous solutions: effects of concentration, temperature, and salt. <i>Soft Matter</i> , 2020, 16, 7835-7844.	2.7	29
2	Conformation and Phase Behavior of Sodium Carboxymethyl Cellulose in the Presence of Mono- and Divalent Salts. <i>Macromolecules</i> , 2020, 53, 1451-1463.	4.8	21
3	Tensiometry and FTIR study of the synergy in mixed SDS:DDAO surfactant solutions at varying pH. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 618, 126414.	4.7	17
4	Precision Polymer Particles by Flash Nanoprecipitation and Microfluidic Droplet Extraction. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4746-4768.	4.4	17
5	Pure and mixed aqueous micellar solutions of Sodium Dodecyl sulfate (SDS) and Dimethyldodecyl Amine Oxide (DDAO): Role of temperature and composition. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 1116-1127.	9.4	15
6	Ionotropic Gelation Fronts in Sodium Carboxymethyl Cellulose for Hydrogel Particle Formation. <i>Gels</i> , 2021, 7, 44.	4.5	15
7	Microfluidic solvent extraction of poly(vinyl alcohol) droplets: effect of polymer structure on particle and capsule formation. <i>Soft Matter</i> , 2018, 14, 4453-4463.	2.7	14
8	Spontaneous formation of multilamellar vesicles from aqueous micellar solutions of sodium linear alkylbenzene sulfonate (NaLAS). <i>Journal of Colloid and Interface Science</i> , 2019, 546, 221-230.	9.4	11
9	Effect of Tacticity on the Phase Behavior and Demixing of P $\hat{I}$ MSAN/dPMMA Blends Investigated by SANS. <i>Macromolecules</i> , 2020, 53, 445-457.	4.8	6
10	Small Angle Neutron Scattering Study of the Thermodynamics of Highly Interacting P $\hat{I}$ MSAN/dPMMA Blends. <i>Macromolecules</i> , 2019, 52, 1112-1124.	4.8	5
11	Surface-Induced Crystallization of Sodium Dodecyl Sulfate (SDS) Micellar Solutions in Confinement. <i>Langmuir</i> , 2021, 37, 230-239.	3.5	4
12	SANS Study of PPPPO in Mixed Solvents and Impact on Polymer Nanoprecipitation. <i>Macromolecules</i> , 2022, 55, 1050-1059.	4.8	4
13	Growth of Myelin Figures from Parent Multilamellar Vesicles. <i>Langmuir</i> , 2021, 37, 12512-12517.	3.5	3
14	Solution Structures of Anionic&#x2013;Amphoteric Surfactant Mixtures near the Two-Phase Region at Fixed pH. <i>Langmuir</i> , 2022, 38, 7198-7207.	3.5	3
15	Chapter 4. Design and Fabrication of Polymer Microparticles and Capsules Using Microfluidics. <i>RSC Soft Matter</i> , 2019, , 100-147.	0.4	1