

# Jeffrey J Richards

## List of Publications by Year in descending order

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docs citations

12  
times ranked

234  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microscopic Dynamics of Inverse Wormlike Micelles Probed Using X-ray Photon Correlation Spectroscopy. ACS Macro Letters, 2022, 11, 575-579.	4.8	1
2	Quantifying the hydrodynamic contribution to electrical transport in non-Brownian suspensions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
3	Direct measurements of the microstructural origin of shear-thinning in carbon black suspensions. Journal of Rheology, 2021, 65, 145.	2.6	18
4	Fast Dynamics of Inverse Wormlike Micelles Probed Using Mechanical and Dielectric Spectroscopy. Journal of Physical Chemistry B, 2021, 125, 11067-11077.	2.6	2
5	Control over electroless plating of silver on silica nanoparticles with sodium citrate. Journal of Colloid and Interface Science, 2020, 576, 376-384.	9.4	16
6	Dielectric RheoSANS: a mutual electrical and rheological characterization technique using small-angle neutron scattering. Current Opinion in Colloid and Interface Science, 2019, 42, 110-120.	7.4	6
7	Structure-property relationships of sheared carbon black suspensions determined by simultaneous rheological and neutron scattering measurements. Journal of Rheology, 2019, 63, 423-436.	2.6	42
8	Branching and alignment in reverse worm-like micelles studied with simultaneous dielectric spectroscopy and RheoSANS. Soft Matter, 2018, 14, 5344-5355.	2.7	13
9	Chain stretching and recoiling during startup and cessation of extensional flow of bidisperse polystyrene blends. Journal of Rheology, 2017, 61, 697-710.	2.6	15
10	A strain-controlled RheoSANS instrument for the measurement of the microstructural, electrical, and mechanical properties of soft materials. Review of Scientific Instruments, 2017, 88, 105115.	1.3	16
11	Clustering and Percolation in Suspensions of Carbon Black. Langmuir, 2017, 33, 12260-12266.	3.5	59
12	Dielectric RheoSANS &#212; Simultaneous Interrogation of Impedance, Rheology and Small Angle Neutron Scattering of Complex Fluids. Journal of Visualized Experiments, 2017, , .	0.3	9