

# Jeffrey J Richards

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7845469/publications.pdf>

Version: 2024-02-01

12  
papers

202  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

234  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clustering and Percolation in Suspensions of Carbon Black. <i>Langmuir</i> , 2017, 33, 12260-12266.	3.5	59
2	Structure-property relationships of sheared carbon black suspensions determined by simultaneous rheological and neutron scattering measurements. <i>Journal of Rheology</i> , 2019, 63, 423-436.	2.6	42
3	Direct measurements of the microstructural origin of shear-thinning in carbon black suspensions. <i>Journal of Rheology</i> , 2021, 65, 145.	2.6	18
4	A strain-controlled RheoSANS instrument for the measurement of the microstructural, electrical, and mechanical properties of soft materials. <i>Review of Scientific Instruments</i> , 2017, 88, 105115.	1.3	16
5	Control over electroless plating of silver on silica nanoparticles with sodium citrate. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 376-384.	9.4	16
6	Chain stretching and recoiling during startup and cessation of extensional flow of bidisperse polystyrene blends. <i>Journal of Rheology</i> , 2017, 61, 697-710.	2.6	15
7	Branching and alignment in reverse worm-like micelles studied with simultaneous dielectric spectroscopy and RheoSANS. <i>Soft Matter</i> , 2018, 14, 5344-5355.	2.7	13
8	Dielectric RheoSANS &#8212; Simultaneous Interrogation of Impedance, Rheology and Small Angle Neutron Scattering of Complex Fluids. <i>Journal of Visualized Experiments</i> , 2017, . .	0.3	9
9	Dielectric RheoSANS: a mutual electrical and rheological characterization technique using small-angle neutron scattering. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 42, 110-120.	7.4	6
10	Quantifying the hydrodynamic contribution to electrical transport in non-Brownian suspensions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
11	Fast Dynamics of Inverse Wormlike Micelles Probed Using Mechanical and Dielectric Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11067-11077.	2.6	2
12	Microscopic Dynamics of Inverse Wormlike Micelles Probed Using X-ray Photon Correlation Spectroscopy. <i>ACS Macro Letters</i> , 2022, 11, 575-579.	4.8	1