

# Sham Ravindranath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11545486/publications.pdf>

Version: 2024-02-01

11  
papers

794  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	New theoretical considerations in polymer rheology: Elastic breakdown of chain entanglement network. <i>Journal of Chemical Physics</i> , 2007, 127, 064903.	3.0	163
2	Banding in Entangled Polymer Fluids under Oscillatory Shearing. <i>Physical Review Letters</i> , 2006, 96, 196001.	7.8	112
3	Banding in Simple Steady Shear of Entangled Polymer Solutions. <i>Macromolecules</i> , 2008, 41, 2663-2670.	4.8	111
4	Nonquiescent Relaxation in Entangled Polymer Liquids after Step Shear. <i>Physical Review Letters</i> , 2006, 97, 187801.	7.8	95
5	Steady state measurements in stress plateau region of entangled polymer solutions: Controlled-rate and controlled-stress modes. <i>Journal of Rheology</i> , 2008, 52, 957-980.	2.6	77
6	What Are the Origins of Stress Relaxation Behaviors in Step Shear of Entangled Polymer Solutions?. <i>Macromolecules</i> , 2007, 40, 8031-8039.	4.8	60
7	Universal scaling characteristics of stress overshoot in startup shear of entangled polymer solutions. <i>Journal of Rheology</i> , 2008, 52, 681-695.	2.6	56
8	Large amplitude oscillatory shear behavior of entangled polymer solutions: Particle tracking velocimetric investigation. <i>Journal of Rheology</i> , 2008, 52, 341-358.	2.6	46
9	Shear banding in entangled polymers in the micron scale gap: a confocal-rheoscopic study. <i>Soft Matter</i> , 2015, 11, 8058-8068.	2.7	38
10	How polymeric solvents control shear inhomogeneity in large deformations of entangled polymer mixtures. <i>Rheologica Acta</i> , 2011, 50, 97-105.	2.4	27
11	Letter to the editor: Cone partitioned plate (CPP) vs circular couette. <i>Journal of Rheology</i> , 2012, 56, 675-681.	2.6	9