

# Keshvad Shahrivar

## List of Publications by Year in descending order

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17  
papers

326  
citations

759233

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888059

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docs citations

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times ranked

332  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of the tribological performance of ferrofluids and magnetorheological fluids within steel-steel point contacts. <i>Tribology International</i> , 2014, 78, 125-133.	5.9	43
2	Tribological behavior of ionic liquid-based magnetorheological fluids in steel and polymeric point contacts. <i>Tribology International</i> , 2015, 81, 309-320.	5.9	39
3	Two-step yielding in magnetorheology. <i>Journal of Rheology</i> , 2014, 58, 1507-1534.	2.6	37
4	Soft lubrication characteristics of microparticulated whey proteins used as fat replacers in dairy systems. <i>Journal of Food Engineering</i> , 2019, 245, 157-165.	5.2	34
5	Creep and recovery of magnetorheological fluids: Experiments and simulations. <i>Journal of Rheology</i> , 2014, 58, 1725-1750.	2.6	26
6	Thermoresponsive polymer-based magneto-rheological (MR) composites as a bridge between MR fluids and MR elastomers. <i>Soft Matter</i> , 2013, 9, 11451.	2.7	25
7	Thermogelling magnetorheological fluids. <i>Smart Materials and Structures</i> , 2014, 23, 025012.	3.5	19
8	Aggregation kinetics of carbonyl iron based magnetic suspensions in 2D. <i>Soft Matter</i> , 2017, 13, 2677-2685.	2.7	18
9	Ferrofluid Lubrication of Compliant Polymeric Contacts: Effect of Non-homogeneous Magnetic Fields. <i>Tribology Letters</i> , 2014, 56, 281-292.	2.6	17
10	Rheological behavior of magnetic colloids in the borderline between ferrofluids and magnetorheological fluids. <i>Journal of Rheology</i> , 2019, 63, 547-558.	2.6	16
11	Controlled viscoelastic particle encapsulation in microfluidic devices. <i>Soft Matter</i> , 2021, 17, 8068-8077.	2.7	14
12	Isoviscous elastohydrodynamic lubrication of inelastic Non-Newtonian fluids. <i>Tribology International</i> , 2019, 140, 105707.	5.9	12
13	Viscoelastic Particle Train Formation in Microfluidic Flows Using a Xanthan Gum Aqueous Solution. <i>Analytical Chemistry</i> , 2021, 93, 5503-5512.	6.5	11
14	On the importance of carrier fluid viscosity and particle-wall interactions in magnetic-guided assembly of quasi-2D systems. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	5
15	Magnetorheology of hybrid colloids obtained by spin-coating and classical rheometry. <i>Smart Materials and Structures</i> , 2016, 25, 075036.	3.5	4
16	Effect of Confinement on the Aggregation Kinetics of Dilute Magnetorheological Fluids. <i>Smart Materials and Structures</i> , 2017, 26, 105031.	3.5	4
17	Soft lubrication of cornstarch-based shear-thickening fluids. <i>Smart Materials and Structures</i> , 2019, 28, 085044.	3.5	2