Amit Ahuja

List of Publications by Year
in descending order

18	429	759233 12	839539 18
papers	citations	h-index	g-index

18	18	18	318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Yield stress measurements of cyclopentane hydrate slurry. Journal of Non-Newtonian Fluid Mechanics, 2015, 220, 116-125.	2.4	64
2	Rheology of cyclopentane hydrate slurry in a model oil-continuous emulsion. Rheologica Acta, 2016, 55, 235-243.	2.4	49
3	Nucleation of cyclopentane hydrate by ice studied by morphology and rheology. Chemical Engineering Science, 2014, 116, 497-507.	3.8	46
4	Slip velocity of concentrated suspensions in Couette flow. Journal of Rheology, 2009, 53, 1461-1485.	2.6	36
5	Modeling Oilfield Emulsions: Comparison of Cyclopentane Hydrate and Ice. Energy & Fuels, 2015, 29, 6286-6295.	5.1	28
6	Rheology of Hydrate-Forming Emulsions Stabilized by Surfactant and Hydrophobic Silica Nanoparticles. Energy & Fuels, 2018, 32, 5877-5884.	5.1	27
7	Rheological measurements for prediction of pumping and squeezing pressures of toothpaste. Journal of Non-Newtonian Fluid Mechanics, 2018, 258, 1-9.	2.4	26
8	Calorimetric and Rheological Studies on Cyclopentane Hydrate-Forming Water-in-Kerosene Emulsions. Journal of Chemical & Engineering Data, 2015, 60, 362-368.	1.9	25
9	Two step yielding in soft materials. Advances in Colloid and Interface Science, 2020, 282, 102179.	14.7	25
10	Dual yielding in capillary suspensions. Rheologica Acta, 2017, 56, 801-810.	2.4	24
11	Rheological and sensory properties of toothpastes. Rheologica Acta, 2018, 57, 459-471.	2.4	24
12	Rheological predictions of sensory attributes of lotions. Journal of Texture Studies, 2019, 50, 295-305.	2.5	14
13	Relation between structure and stability of toothpaste with two-step yielding. Rheologica Acta, 2020, 59, 133-145.	2.4	11
14	Rheology of starch dispersions at high temperatures. Journal of Texture Studies, 2020, 51, 575-584.	2.5	9
15	Wall slip and multi-tier yielding in capillary suspensions. Rheologica Acta, 2018, 57, 645-653.	2.4	8
16	Advances and challenges in the high-pressure rheology of complex fluids. Advances in Colloid and Interface Science, 2021, 294, 102472.	14.7	8
17	Rheology of aqueous foams under pressure. Rheologica Acta, 2020, 59, 639-649.	2.4	3
18	Rheology of thermo-gelling capillary suspensions. Colloid and Polymer Science, 2021, 299, 165-176.	2.1	2