

Omid Arjmandi-Tash

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

356
citations

840585

11
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of Wetting and Spreading of Droplets over Various Substrates. <i>Langmuir</i> , 2017, 33, 4367-4385.	1.6	55
2	Prediction and control of drop formation modes in microfluidic generation of double emulsions by single-step emulsification. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 315-324.	5.0	54
3	Surfactant-enhanced spreading: Experimental achievements and possible mechanisms. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 155-160.	7.0	46
4	Spreading of blood drops over dry porous substrate: Complete wetting case. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 218-225.	5.0	26
5	Foam drainage placed on a porous substrate. <i>Soft Matter</i> , 2015, 11, 3643-3652.	1.2	23
6	Biological applications of kinetics of wetting and spreading. <i>Advances in Colloid and Interface Science</i> , 2017, 249, 17-36.	7.0	22
7	Foams built up by non-Newtonian polymeric solutions: Free drainage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 112-120.	2.3	19
8	Simultaneous spreading and imbibition of blood droplets over porous substrates in the case of partial wetting. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 505, 9-17.	2.3	17
9	Dominant Flow Structures in Gas-Solid Fluidized Beds Using Time and Frequency Domains Analyses. <i>Particulate Science and Technology</i> , 2014, 32, 498-505.	1.1	11
10	Foam drainage placed on a thin porous layer. <i>Soft Matter</i> , 2019, 15, 5331-5344.	1.2	11
11	Interaction of liquid foams with porous substrates. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 39, 212-219.	3.4	11
12	Numerical investigation of pulsatile blood flow in a bifurcation model with a non-planar branch: the effect of different bifurcation angles and non-planar branch. <i>BiolImpacts</i> , 2012, 2, 195-205.	0.7	11
13	Wetting properties of cosmetic polymeric solutions on hair tresses. <i>Colloids and Interface Science Communications</i> , 2015, 9, 12-15.	2.0	10
14	Possibility of atherosclerosis in an arterial bifurcation model. <i>BiolImpacts</i> , 2011, 1, 225-8.	0.7	10
15	Drying of Foam under Microgravity Conditions. <i>Microgravity Science and Technology</i> , 2019, 31, 589-601.	0.7	9
16	Equilibrium of droplets on a deformable substrate: Influence of disjoining pressure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 3-12.	2.3	7
17	Dominant flow structures in gas-liquid-solid fluidized beds. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 942-950.	0.9	5
18	A new mathematical model for nucleation of spherical agglomerates by the immersion mechanism. <i>Chemical Engineering Science: X</i> , 2019, 4, 100048.	1.5	5

#	ARTICLE	IF	CITATIONS
19	A novel method for the analysis of particle coating behaviour via contact spreading in a tumbling drum: Effect of coating liquid viscosity. Powder Technology, 2019, 351, 102-114.	2.1	3
20	Characterization of gas-liquid-solid fluidized beds by S statistics. Particuology, 2016, 29, 135-142.	2.0	1