

# Sepideh Razavi

## List of Publications by Year in descending order

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16  
papers

465  
citations

687363

13  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Janus particles and non-ionic surfactants on the collapse of the oil-water interface under compression. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 158-169.	9.4	14
2	Coarse Grained Modeling of Multiphase Flows with Surfactants. <i>Polymers</i> , 2022, 14, 543.	4.5	6
3	Contamination in Sodium Dodecyl Sulfate Solutions: Insights from the Measurements of Surface Tension and Surface Rheology. <i>Langmuir</i> , 2022, 38, 7179-7189.	3.5	8
4	Janus Particles at Fluid Interfaces: Stability and Interfacial Rheology. <i>Nanomaterials</i> , 2021, 11, 374.	4.1	31
5	Surface tension anomaly observed for chemically-modified Janus particles at the air/water interface. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 95-99.	9.4	35
6	Coupled Flow and Heat or Mass Transfer. <i>Fluids</i> , 2020, 5, 66.	1.7	0
7	Influence of cap weight on the motion of a Janus particle very near a wall. <i>Physical Review E</i> , 2020, 101, 042606.	2.1	15
8	Impact of Surface Amphiphilicity on the Interfacial Behavior of Janus Particle Layers under Compression. <i>Langmuir</i> , 2019, 35, 15813-15824.	3.5	33
9	Local Measurement of Janus Particle Cap Thickness. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30925-30929.	8.0	18
10	Directed Motion of Metallodielectric Particles by Contact Charge Electrophoresis. <i>Langmuir</i> , 2016, 32, 13167-13173.	3.5	21
11	Collapse of Particle-Laden Interfaces under Compression: Buckling vs Particle Expulsion. <i>Langmuir</i> , 2015, 31, 7764-7775.	3.5	90
12	Mechanical Stability of Polystyrene and Janus Particle Monolayers at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 15370-15373.	13.7	50
13	Nanoparticles at liquid interfaces: Rotational dynamics and angular locking. <i>Journal of Chemical Physics</i> , 2014, 140, 014904.	3.0	20
14	Using the discrete dipole approximation and holographic microscopy to measure rotational dynamics of non-spherical colloidal particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 146, 499-509.	2.3	55
15	Molecular Dynamics Simulations: Insight into Molecular Phenomena at Interfaces. <i>Langmuir</i> , 2014, 30, 11272-11283.	3.5	41
16	The effect of capillary bridging on the Janus particle stability at the interface of two immiscible liquids. <i>Soft Matter</i> , 2013, 9, 4585.	2.7	28