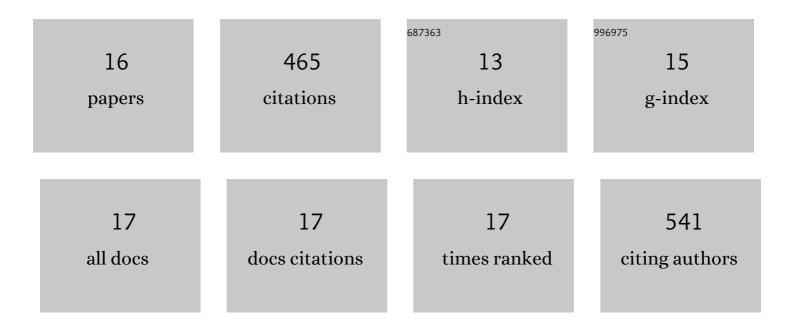
Sepideh Razavi

List of Publications by Year in descending order

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