

# Samrat Sur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8719653/publications.pdf>

Version: 2024-02-01

12  
papers

139  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Buckling of particle-laden interfaces. Journal of Colloid and Interface Science, 2015, 448, 287-296.	9.4	25
2	Translational and rotational motion of disk-shaped Marangoni surfers. Physics of Fluids, 2019, 31, .	4.0	22
3	Toward Optimizing Electrospun Nanofiber Fuel Cell Catalyst Layers: Polymerâ€“Particle Interactions and Spinnability. ACS Applied Polymer Materials, 2021, 3, 2374-2384.	4.4	16
4	Experimental evidence of vortex-induced vibrations at subcritical Reynolds numbers. Journal of Fluid Mechanics, 2021, 922, .	3.4	15
5	Forward, reverse, and no motion of Marangoni surfers under confinement. Physical Review Fluids, 2020, 5, .	2.5	14
6	Effect of contact angle on the orientation, stability, and assembly of dense floating cubes. Physical Review E, 2014, 89, 023014.	2.1	11
7	Vortex-induced vibrations of a cylinder in inelastic shear-thinning and shear-thickening fluids. Journal of Fluid Mechanics, 2022, 934, .	3.4	11
8	A remotely controlled Marangoni surfer. Bioinspiration and Biomimetics, 2021, 16, .	2.9	9
9	High-temperature extensional rheology of linear, branched, and hyper-branched polycarbonates. Rheologica Acta, 2019, 58, 557-572.	2.4	7
10	The effect of shear and confinement on the buckling of particle-laden interfaces. Journal of Physics Condensed Matter, 2016, 28, 025101.	1.8	5
11	High temperature extensional rheology of commercially available polycarbonate mixed with flame retardant salts. Korea Australia Rheology Journal, 2020, 32, 47-59.	1.7	3
12	Diffusive mass transfer from a Janus sphere. Physical Review Fluids, 2022, 7, .	2.5	1