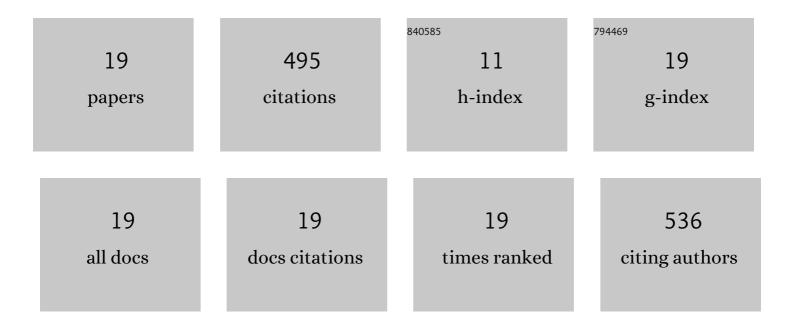
## Aditi Chakrabarti

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9243858/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Instabilities and patterns in a submerged jelling jet. Soft Matter, 2021, 17, 9745-9754.	1.2	6
2	The cusp of an apple. Nature Physics, 2021, 17, 1125-1129.	6.5	5
3	Advances in Chromatin and Chromosome Research: Perspectives from Multiple Fields. Molecular Cell, 2020, 79, 881-901.	4.5	42
4	Self-Excited Motions of Volatile Drops on Swellable Sheets. Physical Review Letters, 2020, 124, 258002.	2.9	52
5	Elastowetting of Soft Hydrogel Spheres. Langmuir, 2018, 34, 3894-3900.	1.6	14
6	Buckling of a spinning elastic cylinder: linear, weakly nonlinear and post-buckling analyses. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180242.	1.0	6
7	Selection of hexagonal buckling patterns by the elastic Rayleigh-Taylor instability. Journal of the Mechanics and Physics of Solids, 2018, 121, 234-257.	2.3	27
8	Elastobuoyant Heavy Spheres: A Unique Way to Study Nonlinear Elasticity. Physical Review X, 2016, 6, .	2.8	3
9	Elastic Cheerios effect: Self-assembly of cylinders on a soft solid. Europhysics Letters, 2015, 112, 54001.	0.7	11
10	Wetting and phase separation in soft adhesion. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14490-14494.	3.3	73
11	Generation of Motion of Drops with Interfacial Contact. Langmuir, 2015, 31, 9266-9281.	1.6	57
12	Attraction of Mesoscale Objects on the Surface of a Thin Elastic Film Supported on a Liquid. Langmuir, 2015, 31, 1911-1920.	1.6	8
13	Adhesion-induced instabilities and pattern formation in thin films of elastomers and gels. European Physical Journal E, 2015, 38, 82.	0.7	38
14	Soft Lithography Using Nectar Droplets. Langmuir, 2015, 31, 13155-13164.	1.6	11
15	Vibrations of sessile drops of soft hydrogels. Extreme Mechanics Letters, 2014, 1, 47-53.	2.0	5
16	Coalescence of drops near a hydrophilic boundary leads to long range directed motion. Extreme Mechanics Letters, 2014, 1, 104-113.	2.0	22
17	Elastocapillary Interaction of Particles on the Surfaces of Ultrasoft Gels: A Novel Route To Study Self-Assembly and Soft Lubrication. Langmuir, 2014, 30, 4684-4693.	1.6	18
18	Surface Folding-Induced Attraction and Motion of Particles in a Soft Elastic Gel: Cooperative Effects of Surface Tension, Elasticity, and Gravity. Langmuir, 2013, 29, 15543-15550.	1.6	17

#	Article	IF	CITATIONS
19	Direct Measurement of the Surface Tension of a Soft Elastic Hydrogel: Exploration of Elastocapillary Instability in Adhesion. Langmuir, 2013, 29, 6926-6935.	1.6	80