

# Aditya Jaishankar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9450012/publications.pdf>

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14  
papers

868  
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933447

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1058476

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docs citations

14  
times ranked

1309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid with infused reactive liquid (SWIRL): A novel liquid-based separation approach for effective CO <sub>2</sub> capture. Science Advances, 2022, 8, eabm0144.	10.3	13
2	Predicting Hemiwickling Dynamics on Textured Substrates. Langmuir, 2021, 37, 188-195.	3.5	5
3	Limiting Domain Size of MoS <sub>2</sub> : Effects of Stoichiometry and Oxygen. Journal of Physical Chemistry C, 2020, 124, 27571-27579.	3.1	8
4	Asphaltene Adsorption on Functionalized Solids. Langmuir, 2020, 36, 3894-3902.	3.5	12
5	Adsorption of Stearic Acid at the Iron Oxide/Oil Interface: Theory, Experiments, and Modeling. Langmuir, 2019, 35, 2033-2046.	3.5	33
6	Correcting for solvent replacement effects in quartz crystal microbalance measurements. Sensors and Actuators A: Physical, 2018, 277, 60-64.	4.1	5
7	Probing hydrogen bond interactions in a shear thickening polysaccharide using nonlinear shear and extensional rheology. Carbohydrate Polymers, 2015, 123, 136-145.	10.2	40
8	An analytical solution to the extended Navier–Stokes equations using the Lambert $W$ function. AIChE Journal, 2014, 60, 1413-1423.	3.6	10
9	Metal-coordination: using one of nature's tricks to control soft material mechanics. Journal of Materials Chemistry B, 2014, 2, 2467-2472.	5.8	178
10	A fractional K-BKZ constitutive formulation for describing the nonlinear rheology of multiscale complex fluids. Journal of Rheology, 2014, 58, 1751-1788.	2.6	86
11	Power-law rheology in the bulk and at the interface: quasi-properties and fractional constitutive equations. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2013, 469, 20120284.	2.1	191
12	Cervical Mucus Properties Stratify Risk for Preterm Birth. PLoS ONE, 2013, 8, e69528.	2.5	63
13	Rheology of globular proteins: apparent yield stress, high shear rate viscosity and interfacial viscoelasticity of bovine serum albumin solutions. Soft Matter, 2011, 7, 5150.	2.7	160
14	Interfacial viscoelasticity, yielding and creep ringing of globular protein–surfactant mixtures. Soft Matter, 2011, 7, 7623.	2.7	64