

# Andrés Arango-Restrepo

## List of Publications by Year in descending order

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13  
papers

110  
citations

1478280

6  
h-index

1372474

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing particle transport in deformable micro-channels. <i>Journal of Chemical Physics</i> , 2022, 156, 054118.	1.2	6
2	A Criterion for the Formation of Nonequilibrium Self-Assembled Structures. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1838-1845.	1.2	9
3	Enhancing carrier flux for efficient drug delivery in cancer tissues. <i>Biophysical Journal</i> , 2021, 120, 5255-5266.	0.2	4
4	Entropic transport in a crowded medium. <i>Journal of Chemical Physics</i> , 2020, 153, 034108.	1.2	6
5	Role of Interfacial Entropy in the Particle-Size Dependence of Thermophoretic Mobility. <i>Physical Review Letters</i> , 2020, 125, 045901.	2.9	2
6	Modelling non-equilibrium self-assembly from dissipation. <i>Molecular Physics</i> , 2020, 118, e1761036.	0.8	0
7	The Soret coefficient from the FaxÅ©n theorem for a particle moving in a fluid under a temperature gradient. <i>European Physical Journal E</i> , 2019, 42, 55.	0.7	3
8	Self-assembling outside equilibrium: emergence of structures mediated by dissipation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17475-17493.	1.3	30
9	The Role of Energy and Matter Dissipation in Determining the Architecture of Self-Assembled Structures. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5902-5908.	1.2	13
10	Understanding Gelation as a Nonequilibrium Self-Assembly Process. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4937-4945.	1.2	14
11	Nonequilibrium self-assembly induced Liesegang rings in a non-isothermal system. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4699-4707.	1.3	13
12	Kinetics and energetics of chemical reactions through intermediate states. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 86-96.	1.2	8
13	Non-isothermal Activation Kinetics. <i>Computational Methods in Science and Technology</i> , 2017, 23, .	0.3	1