AndrÃ©s Arango-Restrepo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2431006/publications.pdf

Version: 2024-02-01

13	110	1478280 6	1372474 10
papers	citations	h-index	g-index

14	14	14	106
all docs	docs citations	times ranked	citing authors

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