

Daniel Barragán

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

108
citations

1306789

7
h-index

1473754

9
g-index

11
all docs

11
docs citations

11
times ranked

111
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	Thermodynamic and morphological characterization of Turing patterns in non-isothermal reaction-diffusion systems. Physical Chemistry Chemical Physics, 2017, 19, 14401-14411.	1.3	11
6	A Criterion for the Formation of Nonequilibrium Self-Assembled Structures. Journal of Physical Chemistry B, 2021, 125, 1838-1845.	1.2	9
7	Kinetics and energetics of chemical reactions through intermediate states. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 86-96.	1.2	8
8	Patrones en la naturaleza: más que un diseño inspirador. Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 2017, 41, 349.	0.0	6
9	Essentials of kinetics and thermodynamics for understanding chemical oscillations. Foundations of Chemistry, 2015, 17, 93-106.	0.4	4
10	Non-equilibrium thermodynamics as a tool to compute temperature at the catalyst surface. Physical Chemistry Chemical Physics, 2019, 21, 15195-15205.	1.3	0
11	Modelling non-equilibrium self-assembly from dissipation. Molecular Physics, 2020, 118, e1761036.	0.8	0