

Daniel Barragán

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

108
citations

1306789

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1473754

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11
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11
docs citations

11
times ranked

111
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Criterion for the Formation of Nonequilibrium Self-Assembled Structures. Journal of Physical Chemistry B, 2021, 125, 1838-1845. | 1.2 | 9 |
| 2 | Modelling non-equilibrium self-assembly from dissipation. Molecular Physics, 2020, 118, e1761036. | 0.8 | 0 |
| 3 | Self-assembling outside equilibrium: emergence of structures mediated by dissipation. Physical Chemistry Chemical Physics, 2019, 21, 17475-17493. | 1.3 | 30 |
| 4 | Non-equilibrium thermodynamics as a tool to compute temperature at the catalyst surface. Physical Chemistry Chemical Physics, 2019, 21, 15195-15205. | 1.3 | 0 |
| 5 | 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 |
| 6 | Understanding Gelation as a Nonequilibrium Self-Assembly Process. Journal of Physical Chemistry B, 2018, 122, 4937-4945. | 1.2 | 14 |
| 7 | Nonequilibrium self-assembly induced Liesegang rings in a non-isothermal system. Physical Chemistry Chemical Physics, 2018, 20, 4699-4707. | 1.3 | 13 |
| 8 | Kinetics and energetics of chemical reactions through intermediate states. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 86-96. | 1.2 | 8 |
| 9 | Thermodynamic and morphological characterization of Turing patterns in non-isothermal reaction-diffusion systems. Physical Chemistry Chemical Physics, 2017, 19, 14401-14411. | 1.3 | 11 |
| 10 | 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 |
| 11 | Essentials of kinetics and thermodynamics for understanding chemical oscillations. Foundations of Chemistry, 2015, 17, 93-106. | 0.4 | 4 |