# Diego Luis GonzÃ¡lez

List of Publications by Year
in descending order

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|---|---|---|---|
| 19 papers | 96 citations | 1478505<br>6 h-index | 1372567<br>10 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 55 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Spacing distribution functions for the one-dimensional point-island model with irreversible attachment. Physical Review E, 2011, 84, 011601. | 2.1 | 22 |
| 2 | Analyzing capture zone distributions (CZD) in growth: Theory and applications. Journal of Crystal Growth, 2014, 401, 67-71. | 1.5 | 15 |
| 3 | Voronoi cell patterns: Theoretical model and applications. Physical Review E, 2011, 84, 051135. | 2.1 | 14 |
| 4 | Statistical behavior of domain systems. Physical Review E, 2007, 76, 011126. | 2.1 | 8 |
| 5 | Fragmentation approach to the point-island model with hindered aggregation: Accessing the barrier energy. Physical Review E, 2017, 96, 012804. | 2.1 | 7 |
| 6 | Island size distribution with hindered aggregation. Physical Review E, 2018, 97, 052802. | 2.1 | 6 |
| 7 | Progress in characterizing submonolayer island growth: Capture-zone distributions, growth exponents, & hot precursors. Journal of Physics: Conference Series, 2015, 640, 012024. | 0.4 | 5 |
| 8 | Island nucleation inside a one-dimensional gap with hindered aggregation. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 035001. | 2.1 | 5 |
| 9 | Wigner Surmise for Domain Systems. Journal of Statistical Physics, 2008, 132, 187-205. | 1.2 | 4 |
| 10 | Generalized model for scores in volleyball matches. Journal of Quantitative Analysis in Sports, 2020, 16, 41-55. | 1.0 | 2 |
| 11 | Tasas de difusión y de deposición en un modelo de epitaxia coloidal. Revista De Ciencias, 2018, 21, 37. | 0.1 | 2 |
| 12 | The crossover between organized and disorganized states in some non-equilibrium systems. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 195001. | 2.1 | 1 |
| 13 | Mean-field approximation for spacing distribution functions in classical systems. Physical Review E, 2012, 85, 011151. | 2.1 | 1 |
| 14 | Interacting steps with finite-range interactions: Analytical approximation and numerical results. Physical Review E, 2013, 87, 052405. | 2.1 | 1 |
| 15 | Two-step unconventional protocol for epitaxial growth in one dimension with hindered reactions. Physical Review E, 2019, 100, 052805. | 2.1 | 1 |
| 16 | Chaos in the Diamond-Shaped Billiard with Rounded Crown. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2015, 39, 152. | 0.2 | 1 |
| 17 | Colloidal Model of Two-step Protocol for Epitaxial Growth in One Dimension. Journal of Physics Condensed Matter, 2022, , . | 1.8 | 1 |
| 18 | About the Teaching of Plane Motion of Rigid Bodies. Revista Brasileira De Ensino De Fisica, 0, 43, . | 0.2 | 0 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Un modelo exactamente soluble para los marcadores en partidos de voleibol. Revista Brasileira De Ensino De Fisica, 2013, 35, . | 0.2 | 0 |