

Orlando DÃ-az-HernÃ;ndez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

58
citations

1936888

4
h-index

1719596

7
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15
all docs

15
docs citations

15
times ranked

54
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bistable behavior of the lac operon in E. coli when induced with a mixture of lactose and TMG. <i>Frontiers in Psychiatry</i> , 2010, 1, 22. | 1.3 | 14 |
| 2 | Patterns in Dried Droplets to Detect Unfolded BSA. <i>Sensors</i> , 2022, 22, 1156. | 2.1 | 10 |
| 3 | Texture Analysis of Dried Droplets for the Quality Control of Medicines. <i>Sensors</i> , 2021, 21, 4048. | 2.1 | 8 |
| 4 | Thermodynamic performance vs. dynamic stability in an enzymatic reaction model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 3476-3483. | 1.2 | 7 |
| 5 | Trajectories reconstruction of spinning baseball pitches by three-point-based algorithm. <i>Applied Mathematics and Computation</i> , 2018, 319, 2-12. | 1.4 | 5 |
| 6 | Elastic cross sections in an RSIIpscenario. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015, 42, 015107. | 1.4 | 3 |
| 7 | A phenomenological model for the aerodynamics of the knuckleball. <i>Applied Mathematics and Computation</i> , 2017, 311, 58-65. | 1.4 | 3 |
| 8 | A cardioid-parametric model for the Magnus effect in baseballs. <i>Advances in Computational Mathematics</i> , 2019, 45, 2097-2109. | 0.8 | 2 |
| 9 | On the Aerodynamic Forces on a Baseball, With Applications. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019, 4, . | 0.7 | 2 |
| 10 | Amplitude Death Induced by Intrinsic Noise in a System of Three Coupled Stochastic Brusselators. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019, 14, . | 0.7 | 2 |
| 11 | Polarization properties of vector solitons generated by modulation instability in a fiber with circular birefringence. <i>Optical Engineering</i> , 2017, 56, 036115. | 0.5 | 1 |
| 12 | Measurement of the Nucleon Nucleon Scattering Length with the ESC04 Interaction. <i>World Journal of Nuclear Science and Technology</i> , 2014, 04, 16-20. | 0.2 | 1 |
| 13 | Stimulated Raman Scattering for All Optical Switches. , 2017, , . | | 0 |
| 14 | Polarization Properties of the Solitons Generated in the Process of Pulse Breakup in Twisted Fiber Pumped by ns Pulses. , 2019, , . | | 0 |
| 15 | A computational study of the gene expression in the tryptophan operon with two types of cooperativity. <i>Advances in Computational Mathematics</i> , 2019, 45, 1843-1851. | 0.8 | 0 |