

Orlando Daz-Hernandez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

37
citations

3
h-index

5
g-index

15
ext. papers

47
ext. citations

2.4
avg, IF

1.35
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 11 | 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 | 5 | 14 |
| 10 | Thermodynamic performance vs. dynamic stability in an enzymatic reaction model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 3476-3483 | 3.3 | 7 |
| 9 | Trajectories reconstruction of spinning baseball pitches by three-point-based algorithm. <i>Applied Mathematics and Computation</i> , 2018 , 319, 2-12 | 2.7 | 4 |
| 8 | A phenomenological model for the aerodynamics of the knuckleball. <i>Applied Mathematics and Computation</i> , 2017 , 311, 58-65 | 2.7 | 3 |
| 7 | Elastic cross sections in an RSIIpscenario. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015 , 42, 015107 | 1.07 | 3 |
| 6 | Amplitude Death Induced by Intrinsic Noise in a System of Three Coupled Stochastic Brusselators. <i>Journal of Computational and Nonlinear Dynamics</i> , 2019 , 14, | 1.4 | 2 |
| 5 | Polarization properties of vector solitons generated by modulation instability in a fiber with circular birefringence. <i>Optical Engineering</i> , 2017 , 56, 036115 | 1.1 | 1 |
| 4 | On the Aerodynamic Forces on a Baseball, With Applications. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019 , 4, | 2.2 | 1 |
| 3 | A cardioid-parametric model for the Magnus effect in baseballs. <i>Advances in Computational Mathematics</i> , 2019 , 45, 2097-2109 | 1.6 | 1 |
| 2 | Measurement of the Nucleon Nucleon Scattering Length with the ESC04 Interaction. <i>World Journal of Nuclear Science and Technology</i> , 2014 , 04, 16-20 | 0.5 | 1 |
| 1 | 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 | 1.6 | |