

Orlando Daz-Hernandez

List of Publications by Year in Descending Order

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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	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	
10	On the Aerodynamic Forces on a Baseball, With Applications. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019 , 4,	2.2	1
9	A cardioid-parametric model for the Magnus effect in baseballs. <i>Advances in Computational Mathematics</i> , 2019 , 45, 2097-2109	1.6	1
8	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
7	Trajectories reconstruction of spinning baseball pitches by three-point-based algorithm. <i>Applied Mathematics and Computation</i> , 2018 , 319, 2-12	2.7	4
6	A phenomenological model for the aerodynamics of the knuckleball. <i>Applied Mathematics and Computation</i> , 2017 , 311, 58-65	2.7	3
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	Elastic cross sections in an RSIIp scenario. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015 , 42, 015107	1.07	3
3	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
2	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
1	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