

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

1937685

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h-index

1720034

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g-index

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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. Frontiers in Psychiatry, 2010, 1, 22.	2.6	14
2	Patterns in Dried Droplets to Detect Unfolded BSA. Sensors, 2022, 22, 1156.	3.8	10
3	Texture Analysis of Dried Droplets for the Quality Control of Medicines. Sensors, 2021, 21, 4048.	3.8	8
4	Thermodynamic performance vs. dynamic stability in an enzymatic reaction model. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3476-3483.	2.6	7
5	Trajectories reconstruction of spinning baseball pitches by three-point-based algorithm. Applied Mathematics and Computation, 2018, 319, 2-12.	2.2	5
6	Elastic cross sections in an RSIIp scenario. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 015107.	3.6	3
7	A phenomenological model for the aerodynamics of the knuckleball. Applied Mathematics and Computation, 2017, 311, 58-65.	2.2	3
8	A cardioid-parametric model for the Magnus effect in baseballs. Advances in Computational Mathematics, 2019, 45, 2097-2109.	1.6	2
9	On the Aerodynamic Forces on a Baseball, With Applications. Frontiers in Applied Mathematics and Statistics, 2019, 4, .	1.3	2
10	Amplitude Death Induced by Intrinsic Noise in a System of Three Coupled Stochastic Brusselators. Journal of Computational and Nonlinear Dynamics, 2019, 14, .	1.2	2
11	Polarization properties of vector solitons generated by modulation instability in a fiber with circular birefringence. Optical Engineering, 2017, 56, 036115.	1.0	1
12	Measurement of the Nucleon Nucleon Scattering Length with the ESC04 Interaction. World Journal of Nuclear Science and Technology, 2014, 04, 16-20.	0.3	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. Advances in Computational Mathematics, 2019, 45, 1843-1851.	1.6	0