

Francisco Javier Almaguer

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

129
citations

1937685

4
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical analysis to optimize crystal growth. <i>Advances in Computational Mathematics</i> , 2019, 45, 2083-2096.	1.6	0
2	A cardioid-parametric model for the Magnus effect in baseballs. <i>Advances in Computational Mathematics</i> , 2019, 45, 2097-2109.	1.6	2
3	A Stochastic Phylogenetic Algorithm for Mitochondrial DNA Analysis. <i>Frontiers in Genetics</i> , 2019, 10, 66.	2.3	5
4	On the Aerodynamic Forces on a Baseball, With Applications. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019, 4, .	1.3	2
5	Simulating the flow around a baseball: Study of a 2D-cylinder with a single bump. <i>Computers and Mathematics With Applications</i> , 2019, 78, 3105-3116.	2.7	3
6	On continuous inkjet systems: a printer driver for expiry date labels on cylindrical surfaces. <i>Advances in Computational Mathematics</i> , 2019, 45, 2019-2028.	1.6	3
7	Editorial: Computational Probability and Mathematical Modeling - A Stochastic Approach in Applied Sciences. <i>Frontiers in Applied Mathematics and Statistics</i> , 2019, 5, .	1.3	0
8	Trajectories reconstruction of spinning baseball pitches by three-point-based algorithm. <i>Applied Mathematics and Computation</i> , 2018, 319, 2-12.	2.2	5
9	Riemann and Weierstrass walks revisited. <i>Applied Mathematics and Computation</i> , 2018, 319, 518-526.	2.2	0
10	A phenomenological model for the aerodynamics of the knuckleball. <i>Applied Mathematics and Computation</i> , 2017, 311, 58-65.	2.2	3
11	Trend and fractality assessment of Mexico's stock exchange. <i>Applied Mathematics and Computation</i> , 2016, 285, 103-113.	2.2	0
12	Parameter inference of general nonlinear dynamical models of gene regulatory networks from small and noisy time series. <i>Neurocomputing</i> , 2016, 175, 555-563.	5.9	9
13	Clustering of Rainfall Stations in RH-24 Mexico Region Using the Hurst Exponent in Semivariograms. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-7.	1.1	5
14	A bi-level optimization model for aid distribution after the occurrence of a disaster. <i>Journal of Cleaner Production</i> , 2015, 105, 134-145.	9.3	89
15	Thermoluminescence analysis and estimation of the kinetics parameters by the Weibull distribution in a diamond like carbon Film. <i>Computing (Vienna/New York)</i> , 2013, 95, 5-11.	4.8	1
16	Conceptual model of coalescence and break-up in the presence of external agitation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 1725-1732.	2.6	2
17	A relativistically covariant random walk. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P08019-P08019.	2.3	0