

E Ahmed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7097164/publications.pdf>

Version: 2024-02-01

35
papers

1,753
citations

687220

13
h-index

501076

28
g-index

35
all docs

35
docs citations

35
times ranked

1136
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Resistance and Antimicrobial Resistance with Waning Vaccination. <i>Biophysical Reviews and Letters</i> , 2021, 16, 41-54.	0.9	1
2	A simple mathematical model for relapsing-remitting multiple sclerosis (RRMS). <i>Medical Hypotheses</i> , 2020, 135, 109478.	0.8	7
3	The Behavior of Quantum Particles at Very Low Scale. <i>International Journal of Theoretical Physics</i> , 2020, 59, 3888-3896.	0.5	0
4	A Discrete Fractional-Order Prion Model Motivated by Parkinson's Disease. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	0.6	2
5	On the quaternion projective space. <i>Journal of Taibah University for Science</i> , 2020, 14, 1538-1543.	1.1	1
6	Fractional-Order Model for Multi-Drug Antimicrobial Resistance. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2020, 124, 665-682.	0.8	2
7	A mathematical model for Creutzfeldt Jacob Disease (CJD). <i>Chaos, Solitons and Fractals</i> , 2018, 116, 249-260.	2.5	5
8	Fractional-order delayed predator-prey systems with Holling type-II functional response. <i>Nonlinear Dynamics</i> , 2015, 80, 777-789.	2.7	131
9	Dynamical behavior of fractional-order Hastings-Powell food chain model and its discretization. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 27, 153-167.	1.7	87
10	Dynamic Properties of the Fractional-Order Logistic Equation of Complex Variables. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-12.	0.3	8
11	On multi-strain model for Hepatitis C. <i>Nonlinear Biomedical Physics</i> , 2011, 5, 6.	1.5	1
12	On fractional order models for Hepatitis C. <i>Nonlinear Biomedical Physics</i> , 2010, 4, 1.	1.5	57
13	On stability, persistence, and Hopf bifurcation in fractional order dynamical systems. <i>Nonlinear Dynamics</i> , 2009, 56, 121-126.	2.7	66
14	On fractional order differential equations model for nonlocal epidemics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 379, 607-614.	1.2	300
15	Equilibrium points, stability and numerical solutions of fractional-order predator-prey and rabies models. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 325, 542-553.	0.5	530
16	On a fractional model for earthquakes. <i>Applied Mathematics and Computation</i> , 2006, 178, 207-211.	1.4	48
17	On some Routh-Hurwitz conditions for fractional order differential equations and their applications in Lorenz, Rössler, Chua and Chen systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 358, 1-4.	0.9	355
18	On modelling the immune system as a complex system. <i>Theory in Biosciences</i> , 2006, 124, 413-418.	0.6	26

#	ARTICLE	IF	CITATIONS
19	NUMERICAL SOLUTION FOR THE FRACTIONAL REPLICATOR EQUATION. International Journal of Modern Physics C, 2005, 16, 1017-1025.	0.8	33
20	ON MULTIOBJECTIVE EVOLUTION MODEL. International Journal of Modern Physics C, 2004, 15, 1189-1195.	0.8	13
21	On stability and persistence of some oligopoly models. Nonlinear Dynamics, Psychology, and Life Sciences, 2003, 7, 27-33.	0.2	0
22	On Controlling Chaos in Cournot-Games with Two and Three Competitors. Nonlinear Dynamics, Psychology, and Life Sciences, 2000, 4, 189-194.	0.2	10
23	ON A COMBINED SHORT-RANGE AND LONG-RANGE INTERACTING EARTHQUAKE MODEL. International Journal of Modern Physics C, 2000, 11, 913-919.	0.8	0
24	COMMENTS ON SOME EXTINCTION MODELS. International Journal of Modern Physics C, 2000, 11, 615-618.	0.8	1
25	On Modeling Hepatitis B Transmission Using Cellular Automata. Journal of Statistical Physics, 1998, 92, 707-712.	0.5	25
26	Effect of NA-light radiation on the optical gap and crystal structure of AgNO ₃ -diffused PVDF sensor. Journal of Applied Polymer Science, 1998, 70, 1759-1767.	1.3	15
27	Avalanche Dynamics in Piles of Two Types of Sand. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1998, 53, 928-930.	0.7	0
28	Delayed self-organized criticality and earthquake modeling. International Journal of Theoretical Physics, 1997, 36, 3065-3069.	0.5	3
29	Percolation on general trees and HIV modeling. International Journal of Theoretical Physics, 1996, 35, 2483-2488.	0.5	2
30	Fuzzy cellular automata models in immunology. Journal of Statistical Physics, 1996, 85, 291-294.	0.5	14
31	Anyonic variables and the quantum hyperplane. International Journal of Theoretical Physics, 1995, 34, 977-980.	0.5	0
32	Knotted periodic orbits in Rössler's equations. Journal of Mathematical Physics, 1995, 36, 773-777.	0.5	6
33	Multiphase percolation and Josephson model for high-temperature superconductivity. International Journal of Theoretical Physics, 1992, 31, 995-1001.	0.5	1
34	On generalization of the Sinai theorem in the random site problem. Journal of Mathematical Physics, 1990, 31, 37-38.	0.5	3
35	Two-dimensional percolation and classical string theory. International Journal of Theoretical Physics, 1988, 27, 1457-1460.	0.5	0