E Ahmed

List of Publications by Year
in descending order

35 papers	**1,753** citations	687363 **13** h-index	501196 **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. Biophysical Reviews and Letters, 2021, 16, 41-54.	0.8	1
2	A simple mathematical model for relapsing-remitting multiple sclerosis (RRMS). Medical Hypotheses, 2020, 135, 109478.	1.5	7
3	The Behavior of Quantum Particles at Very Low Scale. International Journal of Theoretical Physics, 2020, 59, 3888-3896.	1.2	0
4	A Discrete Fractional-Order Prion Model Motivated by Parkinson's Disease. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	2
5	On the quaternion projective space. Journal of Taibah University for Science, 2020, 14, 1538-1543.	2.5	1
6	Fractional-Order Model for Multi-Drug Antimicrobial Resistance. CMES - Computer Modeling in Engineering and Sciences, 2020, 124, 665-682.	1.1	2
7	A mathematical model for Creutzfeldt Jacob Disease (CJD). Chaos, Solitons and Fractals, 2018, 116, 249-260.	5.1	5
8	Fractional-order delayed predator–prey systems with Holling type-II functional response. Nonlinear Dynamics, 2015, 80, 777-789.	5.2	131
9	Dynamical behavior of fractional-order Hastings–Powell food chain model and its discretization. Communications in Nonlinear Science and Numerical Simulation, 2015, 27, 153-167.	3.3	87
10	Dynamic Properties of the Fractional-Order Logistic Equation of Complex Variables. Abstract and Applied Analysis, 2012, 2012, 1-12.	0.7	8
11	On multi-strain model for Hepatitis C. Nonlinear Biomedical Physics, 2011, 5, 6.	1.5	1
12	On fractional order models for Hepatitis C. Nonlinear Biomedical Physics, 2010, 4, 1.	1.5	57
13	On stability, persistence, and Hopf bifurcation in fractional order dynamical systems. Nonlinear Dynamics, 2009, 56, 121-126.	5.2	66
14	On fractional order differential equations model for nonlocal epidemics. Physica A: Statistical Mechanics and Its Applications, 2007, 379, 607-614.	2.6	300
15	Equilibrium points, stability and numerical solutions of fractional-order predator–prey and rabies models. Journal of Mathematical Analysis and Applications, 2007, 325, 542-553.	1.0	530
16	On a fractional model for earthquakes. Applied Mathematics and Computation, 2006, 178, 207-211.	2.2	48
17	On some Routh–Hurwitz conditions for fractional order differential equations and their applications in Lorenz, Rössler, Chua and Chen systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 358, 1-4.	2.1	355
18	On modelling the immune system as a complex system. Theory in Biosciences, 2006, 124, 413-418.	1.4	26

#	Article	IF	Citations
19	NUMERICAL SOLUTION FOR THE FRACTIONAL REPLICATOR EQUATION. International Journal of Modern Physics C, 2005, 16, 1017-1025.	1.7	33
20	ON MULTIOBJECTIVE EVOLUTION MODEL. International Journal of Modern Physics C, 2004, 15, 1189-1195.	1.7	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.	1.7	0
24	COMMENTS ON SOME EXTINCTION MODELS. International Journal of Modern Physics C, 2000, 11, 615-618.	1.7	1
25	On Modeling Hepatitis B Transmission Using Cellular Automata. Journal of Statistical Physics, 1998, 92, 707-712.	1.2	25
26	Effect of NA-light radiation on the optical gap and crystal structure of AgNO3-diffused PVDF sensor. Journal of Applied Polymer Science, 1998, 70, 1759-1767.	2.6	15
27	Avalanche Dynamics in Piles of Two Types of Sand. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1998, 53, 928-930.	1.5	0
28	Delayed self-organized criticality and earthquake modeling. International Journal of Theoretical Physics, 1997, 36, 3065-3069.	1.2	3
29	Percolation on general trees and HIV modeling. International Journal of Theoretical Physics, 1996, 35, 2483-2488.	1.2	2
30	Fuzzy cellular automata models in immunology. Journal of Statistical Physics, 1996, 85, 291-294.	1.2	14
31	Anyonic variables and the quantum hyperplane. International Journal of Theoretical Physics, 1995, 34, 977-980.	1.2	0
32	Knotted periodic orbits in Rössler's equations. Journal of Mathematical Physics, 1995, 36, 773-777.	1.1	6
33	Multiphase percolation and Josephson model for high-temperature superconductivity. International Journal of Theoretical Physics, 1992, 31, 995-1001.	1.2	1
34	On generalization of the Sinai theorem in the random site problem. Journal of Mathematical Physics, 1990, 31, 37-38.	1.1	3
35	Two-dimensional percolation and classical string theory. International Journal of Theoretical Physics, 1988, 27, 1457-1460.	1.2	0