Balram Dubey

List of Publications by Year
in descending order

25 papers	640 citations	687363 13 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	353 citing authors

#	Article	IF	Citations
1	A phytoplankton–zooplankton–fish model with chaos control: In the presence of fear effect and an additional food. Chaos, 2022, 32, 013114.	2.5	12
2	Bifurcations and multi-stability in an eco-epidemic model with additional food. European Physical Journal Plus, 2022, 137, 1.	2.6	3
3	Diffusive patterns in a predator–prey system with fear and hunting cooperation. European Physical Journal Plus, 2022, 137, 1.	2.6	6
4	Complex dynamics of Leslie–Gower prey–predator model with fear, refuge and additional food under multiple delays. International Journal of Biomathematics, 2022, 15, .	2.9	6
5	Chaos control in a multiple delayed phytoplankton–zooplankton model with group defense and predator's interference. Chaos, 2021, 31, 083101.	2.5	8
6	Stability switching and chaos in a multiple delayed prey–predator model with fear effect and anti-predator behavior. Mathematics and Computers in Simulation, 2021, 188, 164-192.	4.4	38
7	Global stability and Hopf-bifurcation of prey-predator system with two discrete delays including habitat complexity and prey refuge. Communications in Nonlinear Science and Numerical Simulation, 2019, 67, 528-554.	3.3	60
8	Dynamics of prey–predator model with stage structure in prey including maturation and gestation delays. Nonlinear Dynamics, 2019, 96, 2653-2679.	5.2	33
9	Modeling the Effect of Fear in a Prey–Predator System with Prey Refuge and Gestation Delay. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950195.	1.7	36
10	Modeling the role of acquired immune response and antiretroviral therapy in the dynamics of HIV infection. Mathematics and Computers in Simulation, 2018, 144, 120-137.	4.4	25
11	A delayed prey–predator model with Crowley–Martin type functional response including prey refuge. Mathematical Methods in the Applied Sciences, 2017, 40, 5792-5809.	2.3	23
12	Stability and Bifurcation of a Fishery Model with Crowley–Martin Functional Response. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750174.	1.7	7
13	MODELING THE EFFECTS OF WOOD AND NON–WOOD BASED INDUSTRIES ON FORESTRY RESOURCES. Natural Resource Modelling, 2016, 29, 559-580.	2.0	12
14	A PREDATOR–PREY INTERACTION MODEL WITH SELF- AND CROSS-DIFFUSION IN AQUATIC SYSTEMS. Journal of Biological Systems, 2014, 22, 691-712.	1.4	7
15	MODELING AND ANALYSIS OF AN SEIR MODEL WITH DIFFERENT TYPES OF NONLINEAR TREATMENT RATES. Journal of Biological Systems, 2013, 21, 1350023.	1.4	60
16	A Mathematical Model for Optimal Management and Utilization of a Renewable Resource by Population. Journal of Mathematics, 2013, 2013, 1-9.	1.0	11
17	MODELING EFFECTS OF TOXICANT ON UNINFECTED CELLS, INFECTED CELLS AND IMMUNE RESPONSE IN THE PRESENCE OF VIRUS. Journal of Biological Systems, 2011, 19, 479-503.	1.4	3
18	A solution to the accelerated-predator-satiety Lotka–Volterra predator–prey problem using Boubaker polynomial expansion scheme. Journal of Theoretical Biology, 2010, 264, 154-160.	1.7	15

#	Article	IF	Citations
19	A MODEL FOR THE EFFECT OF POLLUTANT ON HUMAN POPULATION DEPENDENT ON A RESOURCE WITH ENVIRONMENTAL AND HEALTH POLICY. Journal of Biological Systems, 2010, 18, 571-592.	1.4	13
20	Spatiotemporal pattern formation in a diffusive predator-prey system: an analytical approach. Journal of Applied Mathematics and Computing, 2009, 31, 413-432.	2.5	30
21	MODELING THE INTERACTION BETWEEN AVASCULAR CANCEROUS CELLS AND ACQUIRED IMMUNE RESPONSE. Journal of Biological Systems, 2008, 16, 337-356.	1.4	6
22	A MODEL FOR THE EFFECT OF TIME DELAY ON THE DYNAMICS OF A POPULATION LIVING IN A POLLUTED ENVIRONMENT. Journal of Biological Systems, 2004, 12, 35-43.	1.4	10
23	A model for fishery resource with reserve area. Nonlinear Analysis: Real World Applications, 2003, 4, 625-637.	1.7	81
24	A MODEL FOR AN INSHORE-OFFSHORE FISHERY. Journal of Biological Systems, 2003, 11, 27-41.	1.4	17
25	A predator–prey interaction model with self and cross-diffusion. Ecological Modelling, 2001, 141, 67-76.	2.5	118