Balram Dubey

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2873365/publications.pdf

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25	640	687363 13	580821 25
papers	citations	h-index	g-index

25	25	25	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A predatorâ€“prey interaction model with self and cross-diffusion. Ecological Modelling, 2001, 141, 67-76.	2.5	118
2	A model for fishery resource with reserve area. Nonlinear Analysis: Real World Applications, 2003, 4, 625-637.	1.7	81
3	MODELING AND ANALYSIS OF AN SEIR MODEL WITH DIFFERENT TYPES OF NONLINEAR TREATMENT RATES. Journal of Biological Systems, 2013, 21, 1350023.	1.4	60
4	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
5	Stability switching and chaos in a multiple delayed preyâ€“predator model with fear effect and anti-predator behavior. Mathematics and Computers in Simulation, 2021, 188, 164-192.	4.4	38
6	Modeling the Effect of Fear in a Preyâ€“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
7	Dynamics of preyâ€“predator model with stage structure in prey including maturation and gestation delays. Nonlinear Dynamics, 2019, 96, 2653-2679.	5.2	33
8	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
9	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
10	A delayed preyâ€“predator model with Crowleyâ€“Martinâ€type functional response including prey refuge. Mathematical Methods in the Applied Sciences, 2017, 40, 5792-5809.	2.3	23
11	A MODEL FOR AN INSHORE-OFFSHORE FISHERY. Journal of Biological Systems, 2003, 11, 27-41.	1.4	17
12	A solution to the accelerated-predator-satiety Lotkaâ€“Volterra predatorâ€“prey problem using Boubaker polynomial expansion scheme. Journal of Theoretical Biology, 2010, 264, 154-160.	1.7	15
13	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
14	MODELING THE EFFECTS OF WOOD AND NONâ€WOOD BASED INDUSTRIES ON FORESTRY RESOURCES. Natural Resource Modelling, 2016, 29, 559-580.	2.0	12
15	A phytoplanktonâ€“zooplanktonâ€“fish model with chaos control: In the presence of fear effect and an additional food. Chaos, 2022, 32, 013114.	2.5	12
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	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
18	Chaos control in a multiple delayed phytoplanktonâ€“zooplankton model with group defense and predatorâ€™s interference. Chaos, 2021, 31, 083101.	2.5	8

#	Article	IF	Citations
19	A PREDATORâ€“PREY INTERACTION MODEL WITH SELF- AND CROSS-DIFFUSION IN AQUATIC SYSTEMS. Journal of Biological Systems, 2014, 22, 691-712.	1.4	7
20	Stability and Bifurcation of a Fishery Model with Crowleyâ€“Martin Functional Response. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750174.	1.7	7
21	MODELING THE INTERACTION BETWEEN AVASCULAR CANCEROUS CELLS AND ACQUIRED IMMUNE RESPONSE. Journal of Biological Systems, 2008, 16, 337-356.	1.4	6
22	Diffusive patterns in a predatorâ€“prey system with fear and hunting cooperation. European Physical Journal Plus, 2022, 137, 1.	2.6	6
23	Complex dynamics of Leslieâ€“Gower preyâ€“predator model with fear, refuge and additional food under multiple delays. International Journal of Biomathematics, 2022, 15, .	2.9	6
24	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
25	Bifurcations and multi-stability in an eco-epidemic model with additional food. European Physical Journal Plus, 2022, 137, 1.	2.6	3