

Tridip Sardar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

747
citations

759233

12
h-index

794594

19
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19
all docs

19
docs citations

19
times ranked

1111
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of lockdown effect in some states and overall India: A predictive mathematical study on COVID-19 outbreak. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110078.	5.1	151
2	An open challenge to advance probabilistic forecasting for dengue epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24268-24274.	7.1	136
3	A mathematical model of dengue transmission with memory. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 22, 511-525.	3.3	96
4	Awareness programs control infectious disease – Multiple delay induced mathematical model. <i>Applied Mathematics and Computation</i> , 2015, 251, 539-563.	2.2	83
5	A generic model for a single strain mosquito-transmitted disease with memory on the host and the vector. <i>Mathematical Biosciences</i> , 2015, 263, 18-36.	1.9	77
6	Revisited Fisher’s equation in a new outlook: A fractional derivative approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 438, 81-93.	2.6	38
7	The solution of coupled fractional neutron diffusion equations with delayed neutrons. <i>International Journal of Nuclear Energy Science and Technology</i> , 2010, 5, 105.	0.0	31
8	An Optimal Cost Effectiveness Study on Zimbabwe Cholera Seasonal Data from 2008–2011. <i>PLoS ONE</i> , 2013, 8, e81231.	2.5	28
9	A realistic two-strain model for MERS-CoV infection uncovers the high risk for epidemic propagation. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008065.	3.0	27
10	Impact of adult mosquito control on dengue prevalence in a multi-patch setting: A case study in Kolkata (2014–2015). <i>Journal of Theoretical Biology</i> , 2019, 478, 139-152.	1.7	14
11	Mathematical analysis of a power-law form time dependent vector-borne disease transmission model. <i>Mathematical Biosciences</i> , 2017, 288, 109-123.	1.9	13
12	Invasive dynamics for a predator–prey system with Allee effect in both populations and a special emphasis on predator mortality. <i>Chaos</i> , 2021, 31, 033150.	2.5	12
13	Estimating dengue type reproduction numbers for two provinces of Sri Lanka during the period 2013–14. <i>Virulence</i> , 2016, 7, 187-200.	4.4	10
14	A Mathematical Study to Control Visceral Leishmaniasis: An Application to South Sudan. <i>Bulletin of Mathematical Biology</i> , 2017, 79, 1100-1134.	1.9	9
15	A CHOLERA METAPOPOPULATION MODEL INTERLINKING MIGRATION WITH INTERVENTION STRATEGIES – A CASE STUDY OF ZIMBABWE (2008–2009). <i>Journal of Biological Systems</i> , 2019, 27, 185-223.	1.4	6
16	Effective Lockdown and Role of Hospital-Based COVID-19 Transmission in Some Indian States: An Outbreak Risk Analysis. <i>Risk Analysis</i> , 2021, , .	2.7	6
17	Estimation of growth regulation in natural populations by extended family of growth curve models with fractional order derivative: Case studies from the global population dynamics database. <i>Ecological Informatics</i> , 2019, 53, 100980.	5.2	5
18	Global analysis of a periodic epidemic model on cholera in presence of bacteriophage. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 4181-4195.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Mathematical study of a memory induced biochemical system. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 1142-1149.	13.1	1