

Md Kamrujjaman

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

204
citations

1040018

9
h-index

1125717

13
g-index

22
all docs

22
docs citations

22
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical Modeling and COVID-19 Forecast in Texas, USA: A Prediction Model Analysis and the Probability of Disease Outbreak. <i>Disaster Medicine and Public Health Preparedness</i> , 2023, 17, 1-12.	1.3	15
2	Vaccine efficacy and SARS-CoV-2 control in California and U.S. during the session 2020â€“2026: A modeling study. <i>Infectious Disease Modelling</i> , 2022, 7, 62-81.	1.9	14
3	Natural convection and entropy generation of non-Newtonian nanofluids with different angles of external magnetic field using GPU accelerated MRT-LBM. <i>Case Studies in Thermal Engineering</i> , 2022, 30, 101769.	5.7	23
4	Natural Convection Flow over a Vertical Permeable Circular Cone with Uniform Surface Heat Flux in Temperature-Dependent Viscosity with Three-Fold Solutions within the Boundary Layer. <i>Computation</i> , 2022, 10, 60.	2.0	8
5	Interplay of resource mappings and evolutionary diffusion: Competitive exclusion and coexistence analysis. <i>Partial Differential Equations in Applied Mathematics</i> , 2022, 5, 100398.	2.4	0
6	Numerical solution of a fractional-order Bagleyâ€“Torvik equation by quadratic finite element method. <i>Journal of Applied Mathematics and Computing</i> , 2021, 66, 351-367.	2.5	8
7	Dynamics of a diffusive vaccination model with therapeutic impact and non-linear incidence in epidemiology. <i>Journal of Biological Dynamics</i> , 2021, 15, S105-S133.	1.7	5
8	The influence of density in population dynamics with strong and weak Allee effect. <i>Journal of the Egyptian Mathematical Society</i> , 2021, 29, .	1.2	3
9	SARS-CoV-2 and Rohingya Refugee Camp, Bangladesh: Uncertainty and How the Government Took Over the Situation. <i>Biology</i> , 2021, 10, 124.	2.8	14
10	Numerical solution of convectionâ€“diffusionâ€“reaction equations by a finite element method with error correlation. <i>AIP Advances</i> , 2021, 11, .	1.3	13
11	Optimal treatment strategies to control acute HIV infection. <i>Infectious Disease Modelling</i> , 2021, 6, 1202-1219.	1.9	2
12	Disease-specific out-of-pocket healthcare expenditure in urban Bangladesh: A Bayesian analysis. <i>PLoS ONE</i> , 2020, 15, e0227565.	2.5	22
13	Dynamics of Spruce budworms and single species competition models with bifurcation analysis. <i>Biometrics & Biostatistics International Journal</i> , 2020, 9, 217-222.	0.2	0
14	Directed vs regular diffusion strategy: evolutionary stability analysis of a competition model and an ideal free pair. <i>Differential Equations and Applications</i> , 2019, , 267-290.	0.4	4
15	Dispersal Dynamics: Competitive Symbiotic and Predator-Prey Interactions. <i>Journal of Advanced Mathematics and Applications</i> , 2017, 6, 7-17.	0.5	4
16	Lotka systems with directed dispersal dynamics: Competition and influence of diffusion strategies. <i>Mathematical Biosciences</i> , 2016, 279, 1-12.	1.9	14
17	Competitiveâ€“cooperative models with various diffusion strategies. <i>Computers and Mathematics With Applications</i> , 2016, 72, 653-662.	2.7	11
18	Competitive spatially distributed population dynamics models: Does diversity in diffusion strategies promote coexistence?. <i>Mathematical Biosciences</i> , 2015, 264, 63-73.	1.9	14

#	ARTICLE	IF	CITATIONS
19	Persistence and extinction in spatial models with a carrying capacity driven diffusion and harvesting. Journal of Mathematical Analysis and Applications, 2013, 399, 352-368.	1.0	28
20	Fluctuating Free Convection Flow Along Heated Horizontal Circular Cylinders. International Journal of Fluid Mechanics Research, 2009, 36, 207-230.	0.4	2
21	Efficient Numerical Schemes for Computations of European Options with Transaction Costs. European Journal of Mathematical Analysis, 0, 2, 9.	1.0	0