

Santu Ghorai

List of Publications by Year in descending order

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papers

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1683354

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11
docs citations

11
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusive instability in hyperbolic reaction-diffusion equation with different inertia. Chaos, 2022, 32, 013101.	1.0	7
2	Preferential selection of zooplankton and emergence of spatiotemporal patterns in plankton population. Chaos, Solitons and Fractals, 2021, 153, 111471.	2.5	6
3	Reaction-diffusion predator-prey-parasite system and spatiotemporal complexity,. Applied Mathematics and Computation, 2020, 386, 125518.	1.4	4
4	Dispersal-induced pattern-forming instabilities in host-parasitoid metapopulations. Nonlinear Dynamics, 2020, 100, 749-762.	2.7	8
5	Application of Leith's Model for the Energy Transfer Process in an Isotropic Gas-Solid Turbulent Flow. Science and Culture, 2020, 86, 54.	0.0	0
6	The Decay of Isotropic Turbulence Preserving a General Type of Self Similarity. International Journal of Applied and Computational Mathematics, 2017, 3, 15-26.	0.9	0
7	Pattern formation in a system involving prey-predation, competition and commensalism. Nonlinear Dynamics, 2017, 89, 1309-1326.	2.7	21
8	Emergent impacts of quadratic mortality on pattern formation in a predator-prey system. Nonlinear Dynamics, 2017, 87, 2715-2734.	2.7	18
9	Impacts of additional food on diffusion induced instabilities in a predator-prey system with mutually interfering predator. Chaos, Solitons and Fractals, 2017, 103, 68-78.	2.5	15
10	Turing patterns induced by cross-diffusion in a predator-prey system in presence of habitat complexity. Chaos, Solitons and Fractals, 2016, 91, 421-429.	2.5	60
11	Pattern formation and control of spatiotemporal chaos in a reaction diffusion prey-predator system supplying additional food. Chaos, Solitons and Fractals, 2016, 85, 57-67.	2.5	30