Santu Ghorai

List of Publications by Year
in descending order

11 papers	169 citations	1683354 5 h-index	1473754 9 g-index
11 all docs	11 docs citations	11 times ranked	104 citing authors

#	Article	IF	Citations
1	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
2	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
3	Pattern formation in a system involving prey–predation, competition and commensalism. Nonlinear Dynamics, 2017, 89, 1309-1326.	2.7	21
4	Emergent impacts of quadratic mortality on pattern formation in a predator–prey system. Nonlinear Dynamics, 2017, 87, 2715-2734.	2.7	18
5	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
6	Dispersal-induced pattern-forming instabilities in host–parasitoid metapopulations. Nonlinear Dynamics, 2020, 100, 749-762.	2.7	8
7	Diffusive instability in hyperbolic reaction–diffusion equation with different inertia. Chaos, 2022, 32, 013101.	1.0	7
8	Preferential selection of zooplankton and emergence of spatiotemporal patterns in plankton population. Chaos, Solitons and Fractals, 2021, 153, 111471.	2.5	6
9	Reaction-diffusion predator-prey-parasite system and spatiotemporal complexity,. Applied Mathematics and Computation, 2020, 386, 125518.	1.4	4
10	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
11	Application of Leith's Model for the Energy Transfer Process in an Isotropic Gas-Solid Turbulerrt Flow. Science and Culture, 2020, 86, 54.	0.0	0