

Swadesh Pal

List of Publications by Year in descending order

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46
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Coupled Neural-Glial Dynamics and the Role of Astrocytes in Alzheimer's Disease. <i>Mathematical and Computational Applications</i> , 2022, 27, 33. | 1.3 | 1 |
| 2 | Nonlocal models in the analysis of brain neurodegenerative protein dynamics with application to Alzheimer's disease. <i>Scientific Reports</i> , 2022, 12, 7328. | 3.3 | 9 |
| 3 | Spatiotemporal pattern formation in 2D prey-predator system with nonlocal intraspecific competition. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021, 93, 105478. | 3.3 | 12 |
| 4 | Pathology Dynamics in Healthy-Toxic Protein Interaction and the Multiscale Analysis of Neurodegenerative Diseases. <i>Lecture Notes in Computer Science</i> , 2021, , 528-540. | 1.3 | 4 |
| 5 | Memory effect on Bazykin's prey-predator model: Stability and bifurcation analysis. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110531. | 5.1 | 29 |
| 6 | Effects of boundary conditions on pattern formation in a nonlocal prey-predator model. <i>Applied Mathematical Modelling</i> , 2020, 79, 809-823. | 4.2 | 11 |
| 7 | Spatio-temporal Bazykin's model with space-time nonlocality. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 4801-4824. | 1.9 | 3 |
| 8 | Effect of kernels on spatio-temporal patterns of a non-local prey-predator model. <i>Mathematical Biosciences</i> , 2019, 310, 96-107. | 1.9 | 14 |
| 9 | Spatio-Temporal Pattern Formation in Holling-Tanner Type Model with Nonlocal Consumption of Resources. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1930002. | 1.7 | 4 |