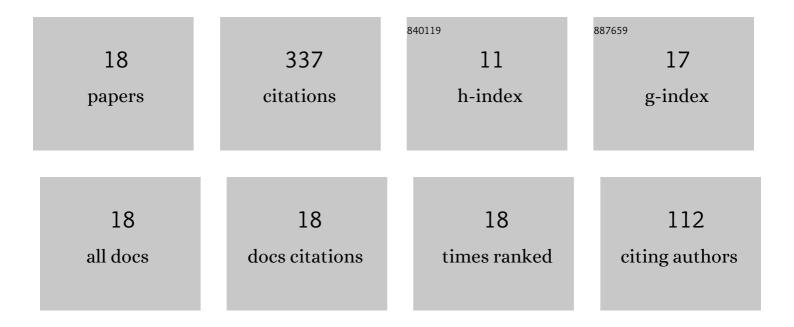
## Parthasakha Das

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8288149/publications.pdf Version: 2024-02-01



<u>ΡΑΡΤΗΛΩΛΚΗΛ ΠΛΩ</u>

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mathematical model of COVID-19 with comorbidity and controlling using non-pharmaceutical interventions and vaccination. Nonlinear Dynamics, 2021, 106, 1213-1227.                    | 2.7 | 49        |
| 2  | Optimal treatment strategies for delayed cancer-immune system with multiple therapeutic approach.<br>Chaos, Solitons and Fractals, 2020, 136, 109806.                                | 2.5 | 31        |
| 3  | Exploring dynamical complexity in a time-delayed tumor-immune model. Chaos, 2020, 30, 123118.  | 1.0 | 29        |
| 4  | Dynamics of COVID-19 transmission with comorbidity: a data driven modelling based approach.<br>Nonlinear Dynamics, 2021, 106, 1197-1211.   | 2.7 | 27        |
| 5  | An investigation on Michaelis - Menten kinetics based complex dynamics of tumor - immune interaction. Chaos, Solitons and Fractals, 2019, 128, 297-305.                              | 2.5 | 25        |
| 6  | Stochastic dynamics of Michaelis–Menten kinetics based tumor-immune interactions. Physica A:<br>Statistical Mechanics and Its Applications, 2020, 541, 123603.                       | 1.2 | 25        |
| 7  | Characterizing chaos and multifractality in noise-assisted tumor-immune interplay. Nonlinear<br>Dynamics, 2020, 101, 675-685.  | 2.7 | 25        |
| 8  | Optimal control strategy for cancer remission using combinatorial therapy: A mathematical model-based approach. Chaos, Solitons and Fractals, 2021, 145, 110789.                     | 2.5 | 25        |
| 9  | Dynamics and control of multidrug-resistant bacterial infection in hospital with multiple delays.<br>Communications in Nonlinear Science and Numerical Simulation, 2020, 89, 105279. | 1.7 | 19        |
| 10 | An investigation on Monod–Haldane immune response based tumor-effector–interleukin-2<br>interactions with treatments. Applied Mathematics and Computation, 2019, 361, 536-551.       | 1.4 | 16        |
| 11 | Delayed Feedback Controller based Finite Time Synchronization of Discontinuous Neural Networks<br>with Mixed Time-Varying Delays. Neural Processing Letters, 2019, 49, 693-709.      | 2.0 | 15        |
| 12 | Modelling and analysis of delayed tumour–immune system with hunting T-cells. Mathematics and<br>Computers in Simulation, 2023, 203, 669-684.   | 2.4 | 12        |
| 13 | Chemical and biological control of parasite-borne disease Schistosomiasis: An impulsive optimal control approach. Nonlinear Dynamics, 2021, 104, 603-628.                            | 2.7 | 10        |
| 14 | Effects of delayed immune-activation in the dynamics of tumor-immune interactions. Mathematical<br>Modelling of Natural Phenomena, 2020, 15, 45.                                     | 0.9 | 10        |
| 15 | Control of Nipah virus outbreak in commercial pig-farm with biosecurity and culling. Mathematical<br>Modelling of Natural Phenomena, 2020, 15, 64.                                   | 0.9 | 10        |
| 16 | Stochastic persistence and extinction in tumor-immune system perturbed by white noise. International<br>Journal of Dynamics and Control, 2022, 10, 620-629.                          | 1.5 | 4         |
| 17 | Optimal control of behaviour and treatment in a nonautonomous SIR model. International Journal of<br>Dynamical Systems and Differential Equations, 2021, 11, 108.                    | 0.2 | 3         |
| 18 | Dynamics of Effector -Tumor- Interleukin-2 Interactions with Monod-Haldane Immune Response and<br>Treatments. Studies in Computational Intelligence, 2020, , 598-609.                | 0.7 | 2         |