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List of Publications

(Published)

1. **Manpal Singh**, S Das, Rajeev, E-M Craciun "Numerical solution of two-dimensional nonlinear fractional order reaction-advection-diffusion equation by using collocation method", *Analele științifice ale Universității "Ovidius" Constanța. Seria Matematică, (Sciendo)*, **29**(2021).
2. **Manpal Singh**, S Das, Rajeev, S H Ong, "Novel operational matrix method for the numerical solution of nonlinear reaction–advection–diffusion equation of fractional order", *Computational and Applied Mathematics, (Springer)*, **41**(2022).
3. **Manpal Singh**, S Das, Rajeev, "An innovative Vieta–Fibonacci wavelet collocation method for the numerical solution of three-component Brusselator reaction diffusion system of fractional order", *Journal of Mathematical Chemistry, (Springer)*, **1-37**(2024)
4. **Manpal Singh**, Mohd Kashif, "Numerical Solution of Nonlinear Reaction-Advection-Diffusion Equation in Sense of Caputo-Fabrizio Derivative with Finite Difference and Collocation Method", *Iranian Journal of Science, (Springer)*, **1-13**(2024).