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List of Publications

1. **Mohd Kashif**, Kushal Dhar Dwivedi and Tanmoy Som, “Numerical solution of coupled type fractional order Burgers’ equation using finite difference and Fibonacci collocation method”, **Chinese Journal of Physics**, **77**(2022) 2314–2323.
2. **Mohd Kashif**, Prashant Pandey and Hossein Jafari, “A novel numerical manner for nonlinear coupled variable order reaction-diffusion equation”, **Thermal Science**, **27**(2023), no. 1, 353–363.
3. **Mohd Kashif**, Manpal Singh, Tanmoy Som and Eduard-Marius Craciun “Numerical study of variable order model arising in chemical processes using operational matrix and collocation method”, **Journal of Computational Science**, (2024) 102339.
4. **Mohd Kashif** and Manpal Singh, “Existence, uniqueness and Ulam–Hyers stability result for advection-diffusion-reaction predator-prey systems of variable order and their numerical solution”, **Applied Numerical Mathematics**, (Under Review).
5. **Mohd Kashif**, “A Vieta–Lucas collocation and non-standard finite difference technique for solving space-time fractional-order Fisher equation”, **Mathematical Modelling and Analysis**, (Accepted).
6. Manpal Singh and **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**, (2024) 1–13.