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List of Published and Communicated Papers

The following research articles are published or communicated.

1. Deeksha Singh, Farheen Sultana, Rajesh K. Pandey, Approximation of Caputo Prabhakar derivative with application in solving time fractional Advection-Diffusion equation, **International Journal of Numerical Methods in Fluids**, 94(7), 896–919 (2022).
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3. Deeksha Singh, Farheen Sultana, Rajesh K. Pandey. A comparative study of three numerical schemes for solving Atangana–Baleanu fractional integro-differential equation defined in Caputo sense, **Engineering with Computers**, 38 (1), 149–168 (2022).
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5. Farheen Sultana, Deeksha Singh, Rajesh K. Pandey, O. P. Agarwal, High order approximation on non-uniform meshes for generalized time-fractional telegraph equation, **MethodsX**, 9(1), 2022.
6. Deeksha Singh, Rajesh K. Pandey, High order approximation of Caputo-Prabhakar derivative with application in solving linear and non-linear fractional models (**Communicated**)
7. Deeksha Singh, Rajesh K. Pandey, A Newton linearized two-level alternating direction implicit scheme for two-dimensional reaction–diffusion equation on a bounded domain, (**Communicated**).
8. Deeksha Singh, Rajesh K. Pandey, Swati Yadav, Numerical Method for Time-Fractional Burgers Equation with Caputo-Prabhakar derivative, (**Communicated**).