

# Pratibhamoy Das

## List of Publications by Year in descending order

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17  
papers

950  
citations

516710

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888059

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docs citations

17  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	A moving mesh refinement based optimal accurate uniformly convergent computational method for a parabolic system of boundary layer originated reaction-diffusion problems with arbitrary small diffusion terms. Journal of Computational and Applied Mathematics, 2022, 404, 113167.	2.0	41
2	On the approximate solutions of a class of fractional order nonlinear Volterra integro-differential initial value problems and boundary value problems of first kind and their convergence analysis. Journal of Computational and Applied Mathematics, 2022, 404, 113116.	2.0	50
3	A graded mesh refinement approach for boundary layer originated singularly perturbed time-delayed parabolic convection diffusion problems. Mathematical Methods in the Applied Sciences, 2021, 44, 12332-12350.	2.3	45
4	Theoretical prospects of fractional order weakly singular Volterra Integro differential equations and their approximations with convergence analysis. Mathematical Methods in the Applied Sciences, 2021, 44, 9419-9440.	2.3	42
5	A perturbation-based approach for solving fractional-order Volterra-Fredholm integro differential equations and its convergence analysis. International Journal of Computer Mathematics, 2020, 97, 1994-2014.	1.8	61
6	Higher order accurate approximations on equidistributed meshes for boundary layer originated mixed type reaction diffusion systems with multiple scale nature. Applied Numerical Mathematics, 2020, 148, 79-97.	2.1	65
7	An a posteriori based convergence analysis for a nonlinear singularly perturbed system of delay differential equations on an adaptive mesh. Numerical Algorithms, 2019, 81, 465-487.	1.9	71
8	Homotopy perturbation method for solving Caputo-type fractional-order Volterra-Fredholm integro-differential equations. Computational and Mathematical Methods, 2019, 1, e1047.	0.8	50
9	Parameter uniform optimal order numerical approximation of a class of singularly perturbed system of reaction diffusion problems involving a small perturbation parameter. Journal of Computational and Applied Mathematics, 2019, 354, 533-544.	2.0	68
10	A higher order difference method for singularly perturbed parabolic partial differential equations. Journal of Difference Equations and Applications, 2018, 24, 452-477.	1.1	82
11	Numerical solution of singularly perturbed convection-diffusion-reaction problems with two small parameters. BIT Numerical Mathematics, 2016, 56, 51-76.	2.0	102
12	Upwind Based Parameter Uniform Convergence Analysis for Two Parametric Parabolic Convection Diffusion Problems by Moving Mesh Methods. Proceedings in Applied Mathematics and Mechanics, 2015, 15, 591-592.	0.2	3
13	Comparison of a priori and a posteriori meshes for singularly perturbed nonlinear parameterized problems. Journal of Computational and Applied Mathematics, 2015, 290, 16-25.	2.0	96
14	Adaptive mesh generation for singularly perturbed fourth-order ordinary differential equations. International Journal of Computer Mathematics, 2015, 92, 562-578.	1.8	38
15	Optimal error estimate using mesh equidistribution technique for singularly perturbed system of reaction-diffusion boundary-value problems. Applied Mathematics and Computation, 2014, 249, 265-277.	2.2	57
16	A uniformly convergent hybrid scheme for singularly perturbed system of reaction-diffusion Robin type boundary-value problems. Journal of Applied Mathematics and Computing, 2013, 41, 447-471.	2.5	42
17	HIGHER-ORDER PARAMETER UNIFORM CONVERGENT SCHEMES FOR ROBIN TYPE REACTION-DIFFUSION PROBLEMS USING ADAPTIVELY GENERATED GRID. International Journal of Computational Methods, 2012, 09, 1250052.	1.3	37