Ambit Pany

List of Publications by Year
in descending order

12 papers	**72** citations	1478505 **6** h-index	1474206 **9** g-index
12 all docs	**12** docs citations	**12** times ranked	**29** citing authors

#	Article	IF	Citations
1	Optimal error estimates for semidiscrete Galerkin approximations to equations of motion described by Kelvin–Voigt viscoelastic fluid flow model. Journal of Computational and Applied Mathematics, 2016, 302, 234-257.	2.0	16
2	A modified nonlinear spectral Galerkin method for the equations of motion arising in the Kelvin–Voigt fluids. Applicable Analysis, 2014, 93, 1587-1610.	1.3	12
3	A new mixed finite element method for Burgers' equation. Journal of Applied Mathematics and Computing, 2007, 23, 43-55.	2.5	11
4	Finite element Galerkin method for 2D Sobolev equations with Burgers' type nonlinearity. Applied Mathematics and Computation, 2020, 387, 125113.	2.2	8
5	Fully discrete second-order backward difference method for Kelvin-Voigt fluid flow model. Numerical Algorithms, 2018, 78, 1061-1086.	1.9	7
6	Morley FEM for the fourth-order nonlinear reaction-diffusion problems. Computers and Mathematics With Applications, 2021, 99, 229-245.	2.7	6
7	Completely discrete schemes for 2D Sobolev equations with Burgers' type nonlinearity. Numerical Algorithms, 2022, 90, 963-987.	1.9	6
8	Optimal Error Estimates for Semidiscrete Galerkin Approximations to Multi-dimensional Sobolev Equations with Burgers' Type Nonlinearity. Springer Proceedings in Mathematics and Statistics, 2018, , 209-227.	0.2	3
9	A priori error estimates of fully discrete finite element Galerkin method for Kelvin–Voigt viscoelastic fluid flow model. Computers and Mathematics With Applications, 2019, 78, 3872-3895.	2.7	1
10	New Iterative Methods for a Nonlinear System of Equations with Third and Fifth-Order Convergence. Lecture Notes in Mechanical Engineering, 2021, , 447-458.	0.4	1
11	An H^1-Galerkin mixed finite element method for identification of time dependent parameters in parabolic problems. Applied Mathematics and Computation, 2022, 424, 127045.	2.2	1
12	Negative norm estimates and superconvergence results in Galerkin method for strongly nonlinear parabolic problems. Computers and Mathematics With Applications, 2021, 99, 26-36.	2.7	0