

Bilge Aönan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

175
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical and numerical solutions of the Fitzhugh-Nagumo equation and their multistability behavior. Numerical Methods for Partial Differential Equations, 2021, 37, 7-23.	3.6	13
2	A Fully Implicit Finite Difference Approach for Numerical Solution of the Generalized Equal Width (GEW) Equation. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 299-308.	1.2	3
3	Analytical and numerical solutions of mathematical biology models: The Newell-Whitehead-Segel and Allen-Cahn equations. Mathematical Methods in the Applied Sciences, 2020, 43, 2588-2600.	2.3	77
4	Comparison of some numerical methods for the Burgers-Huxley equation. AIP Conference Proceedings, 2020, , .	0.4	2
5	Numerical efficiency of some exponential methods for an advection-diffusion equation. International Journal of Computer Mathematics, 2019, 96, 1005-1029.	1.8	5
6	Comparative Study of Some Numerical Methods for the Burgers-Huxley Equation. Symmetry, 2019, 11, 1333.	2.2	23
7	A finite difference method for solving generalized FitzHugh-Nagumo equation. AIP Conference Proceedings, 2018, , .	0.4	10
8	Investigation of high school student's generating example types. AIP Conference Proceedings, 2018, , .	0.4	0
9	Numerical solutions of the generalized Rosenau-Kawahara-RLW equation arising in fluid mechanics via B-spline collocation method. International Journal of Modern Physics C, 2018, 29, 1850116.	1.7	6
10	Numerical solution of the one-dimensional Burgers equation: Implicit and fully implicit exponential finite difference methods. Pramana - Journal of Physics, 2013, 81, 547-556.	1.8	36
11	Convergence Analysis and Approximate Optimal Temporal Step Sizes for Some Finite Difference Methods Discretising Fisher's Equation. Frontiers in Applied Mathematics and Statistics, 0, 8, .	1.3	0