

BÃ¼lent Saka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4652570/publications.pdf>

Version: 2024-02-01

23
papers

831
citations

567281

15
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	A higher-order efficient approach to numerical simulations of the RLW equation. <i>Pramana - Journal of Physics</i> , 2022, 96, 1.	1.8	2
2	Solitary waves of the RLW equation via least squares method. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021, .	1.0	1
3	A quintic B-spline finite-element method for solving the nonlinear Schrödinger equation. <i>Physics of Wave Phenomena</i> , 2012, 20, 107-117.	1.1	15
4	B-spline collocation algorithms for numerical solution of the RLW equation. <i>Numerical Methods for Partial Differential Equations</i> , 2011, 27, 581-607.	3.6	32
5	Cosine expansion-based differential quadrature algorithm for numerical solution of the RLW equation. <i>Numerical Methods for Partial Differential Equations</i> , 2010, 26, 544-560.	3.6	7
6	Cosine expansion-based differential quadrature method for numerical solution of the KdV equation. <i>Chaos, Solitons and Fractals</i> , 2009, 40, 2181-2190.	5.1	12
7	Quartic B-spline Galerkin approach to the numerical solution of the KdVB equation. <i>Applied Mathematics and Computation</i> , 2009, 215, 746-758.	2.2	13
8	A numerical solution of the RLW equation by Galerkin method using quartic B-splines. <i>Communications in Numerical Methods in Engineering</i> , 2008, 24, 1339-1361.	1.3	44
9	Three different methods for numerical solution of the EW equation. <i>Engineering Analysis With Boundary Elements</i> , 2008, 32, 556-566.	3.7	30
10	A numerical study of the Burgers's equation. <i>Journal of the Franklin Institute</i> , 2008, 345, 328-348.	3.4	57
11	QUINTIC B-SPLINE COLLOCATION METHOD FOR NUMERICAL SOLUTION OF THE RLW EQUATION. <i>ANZIAM Journal</i> , 2008, 49, 389.	0.2	21
12	Quartic B-spline collocation algorithms for numerical solution of the RLW equation. <i>Numerical Methods for Partial Differential Equations</i> , 2007, 23, 731-751.	3.6	29
13	Quartic B-spline collocation method to the numerical solutions of the Burgers's equation. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 1125-1137.	5.1	78
14	Algorithms for numerical solution of the modified equal width wave equation using collocation method. <i>Mathematical and Computer Modelling</i> , 2007, 45, 1096-1117.	2.0	38
15	Galerkin method for the numerical solution of the RLW equation using quintic B-splines. <i>Journal of Computational and Applied Mathematics</i> , 2006, 190, 532-547.	2.0	109
16	A finite element method for equal width equation. <i>Applied Mathematics and Computation</i> , 2006, 175, 730-747.	2.2	25
17	A numerical solution of the Burgers' equation using cubic B-splines. <i>Applied Mathematics and Computation</i> , 2005, 163, 199-211.	2.2	111
18	B-spline Galerkin methods for numerical solutions of the Burgers's equation. <i>Applied Mathematics and Computation</i> , 2005, 166, 506-522.	2.2	38

#	ARTICLE	IF	CITATIONS
19	Application of cubic B-splines for numerical solution of the RLW equation. Applied Mathematics and Computation, 2004, 159, 373-389.	2.2	67
20	Galerkin method for the numerical solution of the RLW equation using quadratic B-splines. International Journal of Computer Mathematics, 2004, 81, 727-739.	1.8	56
21	B-Spline Collocation Methods For Numerical Solutions Of The Rlw Equation. International Journal of Computer Mathematics, 2003, 80, 743-757.	1.8	44
22	The Cubic B-spline Least Squares Finite Element Method for the Numerical Solutions of Regularized Long Wave Equation. International Journal of Computer Mathematics, 0, , 1-13.	1.8	2
23	Integration of the RLW equation using higher-order predictorâ€“corrector scheme and quintic B-spline collocation method. Mathematical Sciences, 0, , .	1.7	0