

Rezvan Salehi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

775
citations

840585

11
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	The numerical solution of the non-linear integro-differential equations based on the meshless method. <i>Journal of Computational and Applied Mathematics</i> , 2012, 236, 2367-2377.	1.1	102
2	Solution of a nonlinear time-delay model in biology via semi-analytical approaches. <i>Computer Physics Communications</i> , 2010, 181, 1255-1265.	3.0	84
3	A moving least square reproducing polynomial meshless method. <i>Applied Numerical Mathematics</i> , 2013, 69, 34-58.	1.2	84
4	A meshless based numerical technique for traveling solitary wave solution of Boussinesq equation. <i>Applied Mathematical Modelling</i> , 2012, 36, 1939-1956.	2.2	82
5	The solitary wave solution of the two-dimensional regularized long-wave equation in fluids and plasmas. <i>Computer Physics Communications</i> , 2011, 182, 2540-2549.	3.0	77
6	A meshless local Petrov-Galerkin method for the time-dependent Maxwell equations. <i>Journal of Computational and Applied Mathematics</i> , 2014, 268, 93-110.	1.1	76
7	A method based on meshless approach for the numerical solution of the two-space dimensional hyperbolic telegraph equation. <i>Mathematical Methods in the Applied Sciences</i> , 2012, 35, 1220-1233.	1.2	68
8	A meshfree weak-strong (MWS) form method for the unsteady magnetohydrodynamic (MHD) flow in pipe with arbitrary wall conductivity. <i>Computational Mechanics</i> , 2013, 52, 1445-1462.	2.2	58
9	A generalized moving least square reproducing kernel method. <i>Journal of Computational and Applied Mathematics</i> , 2013, 249, 120-132.	1.1	57
10	A meshless point collocation method for 2-D multi-term time fractional diffusion-wave equation. <i>Numerical Algorithms</i> , 2017, 74, 1145-1168.	1.1	37
11	A boundary-only meshless method for numerical solution of the Eikonal equation. <i>Computational Mechanics</i> , 2011, 47, 283-294.	2.2	12
12	The use of a Legendre pseudospectral viscosity technique to solve a class of nonlinear dynamic Hamilton-Jacobi equations. <i>Computers and Mathematics With Applications</i> , 2012, 63, 629-644.	1.4	11
13	The Use of Homotopy Analysis Method to Solve the Time-Dependent Nonlinear Eikonal Partial Differential Equation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 259-271.	0.7	9
14	The Chebyshev spectral viscosity method for the time dependent Eikonal equation. <i>Mathematical and Computer Modelling</i> , 2010, 52, 70-86.	2.0	7
15	A RBFWENO finite difference scheme for Hamilton-Jacobi equations. <i>Computers and Mathematics With Applications</i> , 2020, 79, 2002-2020.	1.4	7
16	Numerical and theoretical study of weak Galerkin finite element solutions of Turing patterns in reaction-diffusion systems. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 302-340.	2.0	2
17	Application of finite difference method in solving a second- and fourth-order PDE blending denoising model. <i>Mathematical Sciences</i> , 0, , 1.	1.0	2
18	Two Implicit Meshless Finite Point Schemes for the Two-Dimensional Distributed-Order Fractional Equation. <i>Computational Methods in Applied Mathematics</i> , 2019, 19, 813-831.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Application of weak Galerkin finite element method for nonlinear chemotaxis and haptotaxis models. Applied Mathematics and Computation, 2021, 409, 126436.	1.4	0