Rezvan Salehi

List of Publications by Year
in descending order

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	Numerical and theoretical study of weak Galerkin finite element solutions of Turing patterns in reaction–diffusion systems. Numerical Methods for Partial Differential Equations, 2021, 37, 302-340.	2.0	2
2	Application of weak Galerkin finite element method for nonlinear chemotaxis and haptotaxis models. Applied Mathematics and Computation, 2021, 409, 126436.	1.4	0
3	A RBFWENO finite difference scheme for Hamilton–Jacobi equations. Computers and Mathematics With Applications, 2020, 79, 2002-2020.	1.4	7
4	Two Implicit Meshless Finite Point Schemes for the Two-Dimensional Distributed-Order Fractional Equation. Computational Methods in Applied Mathematics, 2019, 19, 813-831.	0.4	0
5	A meshless point collocation method for 2-D multi-term time fractional diffusion-wave equation. Numerical Algorithms, 2017, 74, 1145-1168.	1.1	37
6	A meshless local Petrov–Galerkin method for the time-dependent Maxwell equations. Journal of Computational and Applied Mathematics, 2014, 268, 93-110.	1.1	76
7	A meshfree weak-strong (MWS) form method for the unsteady magnetohydrodynamic (MHD) flow in pipe with arbitrary wall conductivity. Computational Mechanics, 2013, 52, 1445-1462.	2.2	58
8	A moving least square reproducing polynomial meshless method. Applied Numerical Mathematics, 2013, 69, 34-58.	1.2	84
9	A generalized moving least square reproducing kernel method. Journal of Computational and Applied Mathematics, 2013, 249, 120-132.	1.1	57
10	A method based on meshless approach for the numerical solution of the two–space dimensional hyperbolic telegraph equation. Mathematical Methods in the Applied Sciences, 2012, 35, 1220-1233.	1.2	68
11	The numerical solution of the non-linear integro-differential equations based on the meshless method. Journal of Computational and Applied Mathematics, 2012, 236, 2367-2377.	1.1	102
12	The use of a Legendre pseudospectral viscosity technique to solve a class of nonlinear dynamic Hamilton–Jacobi equations. Computers and Mathematics With Applications, 2012, 63, 629-644.	1.4	11
13	A meshless based numerical technique for traveling solitary wave solution of Boussinesq equation. Applied Mathematical Modelling, 2012, 36, 1939-1956.	2.2	82
14	The Use of Homotopy Analysis Method to Solve the Time-Dependent Nonlinear Eikonal Partial Differential Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 259-271.	0.7	9
15	The solitary wave solution of the two-dimensional regularized long-wave equation in fluids and plasmas. Computer Physics Communications, 2011, 182, 2540-2549.	3.0	77
16	A boundary-only meshless method for numerical solution of the Eikonal equation. Computational Mechanics, 2011, 47, 283-294.	2.2	12
17	Solution of a nonlinear time-delay model in biology via semi-analytical approaches. Computer Physics Communications, 2010, 181, 1255-1265.	3.0	84
18	The Chebyshev spectral viscosity method for the time dependent Eikonal equation. Mathematical and Computer Modelling, 2010, 52, 70-86.	2.0	7

#	Article	IF	Citations
19	Application of finite difference method in solving a second- and fourth-order PDE blending denoising model. Mathematical Sciences, 0, , 1.	1.0	2