Hadi Roohani Ghehsareh

List of Publications by Year
in descending order

34 papers	475 citations	759055 12 h-index	713332 21 g-index
34 all docs	34 docs citations	34 times ranked	215 citing authors

#	Article	IF	Citations
1	Model of Casson fluid with Cattaneoâ€“Chirstov heat flux and Hall effect. Indian Journal of Physics, 2021, 95, 1469-1477.	0.9	2
2	The method of approximate particular solutions to simulate an anomalous mobileâ€“immobile transport process. Mathematical Methods in the Applied Sciences, 2020, 43, 3637-3649.	1.2	4
3	An adaptive sparse kernel technique in greedy algorithm framework to simulate an anomalous solute transport model. Engineering Analysis With Boundary Elements, 2020, 121, 243-254.	2.0	5
4	Numerical simulation of a generalized anomalous electroâ€diffusion process in nerve cells by a localized meshless approach in Pseudospectral mode. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2020, 33, e2756.	1.2	1
5	A meshless computational approach for solving two-dimensional inverse time-fractional diffusion problem with non-local boundary condition. Inverse Problems in Science and Engineering, 2020, 28, 1773-1795.	1.2	3
6	Application of meshless local Petrovâ€“Galerkin technique to simulate two-dimensional time-fractional Tricomi-type problem. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	0.8	9
7	An efficient meshless computational technique to simulate nonlinear anomalous reactionâ€“diffusion process in two-dimensional space. Nonlinear Dynamics, 2019, 96, 1191-1211.	2.7	7
8	Numerical simulation of a modified anomalous diffusion process with nonlinear source term by a local weak form meshless method. Engineering Analysis With Boundary Elements, 2019, 98, 64-76.	2.0	9
9	Numerical simulation of electromagnetic wave scattering from perfectly conducting cylinders using the local radial point interpolation technique. Journal of Electromagnetic Waves and Applications, 2019, 33, 335-349.	1.0	3
10	A reproducing kernel Hilbert space pseudospectral method for numerical investigation of a two-dimensional capillary formation model in tumor angiogenesis problem. Neural Computing and Applications, 2019, 31, 2233-2241.	3.2	5
11	A local weak form meshless method to simulate a variable order time-fractional mobileâ€“immobile transport model. Engineering Analysis With Boundary Elements, 2018, 90, 63-75.	2.0	30
12	The use of local radial point interpolation method for solving two-dimensional linear fractional cable equation. Neural Computing and Applications, 2018, 29, 745-754.	3.2	19
13	A meshless method for the investigation of electromagnetic scattering from arbitrary shaped anisotropic cylindrical objects. Journal of Electromagnetic Waves and Applications, 2017, 31, 477-494.	1.0	12
14	The extended method of approximate particular solutions to simulate two-dimensional electromagnetic scattering from arbitrary shaped anisotropic objects. Engineering Analysis With Boundary Elements, 2017, 82, 91-97.	2.0	12
15	An approximate solution for the MHD nano boundary-layer flows over stretching surfaces in a porous medium by rational Legendre collocation method. AEJ - Alexandria Engineering Journal, 2017, 56, 687-694.	3.4	2
16	On the fractional Jaulent-Miodek equation associated with energy-dependent SchrÃ¶dinger potential: Lie symmetry reductions, explicit exact solutions and conservation laws. European Physical Journal Plus, 2017, 132, 1.	1.2	12
17	Numerical Investigation of Electromagnetic Scattering Problems Based on the Compactly Supported Radial Basis Functions. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 677-690.	0.7	6
18	Numerical solutions of a mathematical model of blood flow in the deforming porous channel using radial basis function collocation method. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2016, 38, 709-720.	0.8	2

#	Article	IF	Citations
19	A meshfree method based on the radial basis functions for solution of two-dimensional fractional evolution equation. Engineering Analysis With Boundary Elements, 2015, 61, 52-60.	2.0	32
20	A Comparative Study Between two Explicit and Minimal Strategies for the Case of Magnetohydrodynamical Falknerâ€“Skan Flow over a Permeable Wall. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 263-272.	0.7	0
21	A comparison study of meshfree techniques for solving the two-dimensional linear hyperbolic telegraph equation. Engineering Analysis With Boundary Elements, 2014, 47, 10-20.	2.0	42
22	Comparison of meshless local weak and strong forms based on particular solutions for a non-classical 2-D diffusion model. Engineering Analysis With Boundary Elements, 2014, 39, 121-128.	2.0	42
23	A super accurate shifted Tau method for numerical computation of the Sobolev-type differential equation with nonlocal boundary conditions. Applied Mathematics and Computation, 2014, 236, 683-692.	1.4	8
24	MHD Falkner-Skan flow of Maxwell fluid by rational Chebyshev collocation method. Applied Mathematics and Mechanics (English Edition), 2013, 34, 921-930.	1.9	25
25	A meshfree method for the solution of two-dimensional cubic nonlinear SchrÃ¶dinger equation. Engineering Analysis With Boundary Elements, 2013, 37, 885-898.	2.0	74
26	On the Analytic Solution for a Steady Magnetohydrodynamic Equation. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2013, 68, 412-420.	0.7	3
27	An efficient method to obtain semi-analytical solutions of the nano boundary layers over stretching surfaces. International Journal of Numerical Methods for Heat and Fluid Flow, 2013, 23, 1179-1191.	1.6	3
28	Analytical Solutions of the Slip Magnetohydrodynamic Viscous Flow over a Stretching Sheet by Using the Laplaceâ€“Adomian Decomposition Method. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2012, 67, 248-254.	0.7	5
29	Numerical analysis of a mathematical model for capillary formation in tumor angiogenesis using a meshfree method based on the radial basis function. Engineering Analysis With Boundary Elements, 2012, 36, 1811-1818.	2.0	49
30	Solutions of the magnetohydrodynamic flow over a nonlinear stretching sheet and nano boundary layers over stretching surfaces. International Journal for Numerical Methods in Fluids, 2012, 70, 1324-1340.	0.9	15
31	A matrix formulation to the wave equation with non-local boundary condition. International Journal of Computer Mathematics, 2011, 88, 1681-1696.	1.0	17
32	Convergence of the variational iteration method for the telegraph equation with integral conditions. Numerical Methods for Partial Differential Equations, 2011, 27, 1442-1455.	2.0	11
33	A New Semi-Analytical Solution of the Telegraph Equation with Integral Condition. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 760-768.	0.7	5
34	New general solutions for the general elliptic and auxiliary equations and application to the coupled KdV equation. International Journal of Computer Mathematics, 2010, 87, 2760-2768.	1.0	1