

# Mostafa Abbaszadeh

## List of Publications by Year in descending order

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120  
papers

3,864  
citations

101543

36  
h-index

155660

55  
g-index

120  
all docs

120  
docs citations

120  
times ranked

1463  
citing authors

#	ARTICLE	IF	CITATIONS
1	A POD reduced-order model based on spectral Galerkin method for solving the space-fractional Grayâ€“Scott model with error estimate. <i>Engineering With Computers</i> , 2022, 38, 2245-2268.	6.1	8
2	The fourth-order time-discrete scheme and split-step direct meshless finite volume method for solving cubicâ€“quintic complex Ginzburgâ€“Landau equations on complicated geometries. <i>Engineering With Computers</i> , 2022, 38, 1543-1557.	6.1	11
3	Integrated radial basis functions (IRBFs) to simulate nonlinear advectionâ€“diffusion equations with smooth and non-smooth initial data. <i>Engineering With Computers</i> , 2022, 38, 1071-1106.	6.1	5
4	An LT-BEM for an unsteady diffusion-convection problem of another class of anisotropic FGMs. <i>International Journal of Computer Mathematics</i> , 2022, 99, 575-590.	1.8	6
5	Investigation of heat transport equation at the microscale via interpolating element-free Galerkin method. <i>Engineering With Computers</i> , 2022, 38, 3317-3333.	6.1	1
6	Numerical simulation based on a combination of finite-element method and proper orthogonal decomposition to prevent the groundwater contamination. <i>Engineering With Computers</i> , 2022, 38, 3445-3461.	6.1	4
7	The local meshless collocation method for solving 2D fractional Klein-Kramers dynamics equation on irregular domains. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 41-61.	2.8	4
8	Application of SPD-RBF method of lines for solving nonlinear advectionâ€“diffusionâ€“reaction equation with variable coefficients. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 850-886.	2.8	4
9	A class of moving Kriging interpolation-based DQ methods to simulate multi-dimensional space Galilei invariant fractional advection-diffusion equation. <i>Numerical Algorithms</i> , 2022, 90, 271-299.	1.9	2
10	On the combined Shooting-Pseudo-Arclength method for finding frequency response of nonlinear fractional-order differential equations. <i>Journal of Sound and Vibration</i> , 2022, 516, 116521.	3.9	6
11	Simulation of plane elastostatic equations of anisotropic functionally graded materials by integrated radial basis function based on finite difference approach. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 553-570.	3.7	9
12	Proper orthogonal decomposition Pascal polynomial-based method for solving Sobolev equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2022, 32, 2506-2542.	2.8	4
13	Simulation of the incompressible Navierâ€“Stokes via integrated radial basis function based on finite difference scheme. <i>Engineering With Computers</i> , 2022, 38, 5069-5090.	6.1	6
14	Integrated radial basis functions to simulate modified anomalous subâ€“diffusion equation. <i>Numerical Methods for Partial Differential Equations</i> , 2022, 38, 1015-1054.	3.6	1
15	Nonlinear random vibrations of micro-beams with fractional viscoelastic core. <i>Probabilistic Engineering Mechanics</i> , 2022, 69, 103274.	2.7	7
16	Simulation of Maxwell equation based on an ADI approach and integrated radial basis function-generalized moving least squares (IRBF-GMLS) method with reduced order algorithm based on proper orthogonal decomposition. <i>Engineering Analysis With Boundary Elements</i> , 2022, 143, 397-417.	3.7	5
17	Numerical investigation of the magnetic properties and behavior of electrically conducting fluids via the local weak form method. <i>Applied Mathematics and Computation</i> , 2022, 433, 127293.	2.2	2
18	Optimal error bound for immersed weak Galerkin finite element method for elliptic interface problems. <i>Journal of Computational and Applied Mathematics</i> , 2022, 416, 114567.	2.0	1

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19	Fourth-order alternating direction implicit difference scheme to simulate the space-time Riesz tempered fractional diffusion equation. <i>International Journal of Computer Mathematics</i> , 2021, 98, 2137-2155.	1.8	5
20	A local meshless procedure to determine the unknown control parameter in the multi-dimensional inverse problems. <i>Inverse Problems in Science and Engineering</i> , 2021, 29, 1369-1400.	1.2	2
21	A finite-difference procedure to solve weakly singular integro partial differential equation with space-time fractional derivatives. <i>Engineering With Computers</i> , 2021, 37, 2173.	6.1	16
22	Numerical investigation of reproducing kernel particle Galerkin method for solving fractional modified distributed-order anomalous sub-diffusion equation with error estimation. <i>Applied Mathematics and Computation</i> , 2021, 392, 125718.	2.2	12
23	Numerical and theoretical discussions for solving nonlinear generalized Benjaminâ€“Bonaâ€“Mahonyâ€“Burgers equation based on the Legendre spectral element method. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 360-382.	3.6	23
24	A reduced-order variational multiscale interpolating element free Galerkin technique based on proper orthogonal decomposition for solving Navierâ€“Stokes equations coupled with a heat transfer equation: Nonstationary incompressible Boussinesq equations. <i>Journal of Computational Physics</i> , 2021, 426, 109875.	3.8	23
25	Nonlinear free and forced vibrations of fractional modeled viscoelastic FGM micro-beam. <i>Applied Mathematical Modelling</i> , 2021, 92, 297-314.	4.2	44
26	A boundary-only integral equation method for parabolic problems of another class of anisotropic functionally graded materials. <i>Materials Today Communications</i> , 2021, 26, 101956.	1.9	5
27	Numerical and analytical investigations for solving the inverse tempered fractional diffusion equation via interpolating element-free Galerkin (IEFG) method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 1917-1933.	3.6	8
28	Meshless upwind local radial basis function-finite difference technique to simulate the time-fractional distributed-order advectionâ€“diffusion equation. <i>Engineering With Computers</i> , 2021, 37, 873-889.	6.1	36
29	The Crankâ€“Nicolson/interpolating stabilized elementâ€“free Galerkin method to investigate the fractional Galilei invariant advectionâ€“diffusion equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2752-2768.	2.3	14
30	Simulation of activatorâ€“inhibitor dynamics based on cross-diffusion Brusselator reactionâ€“diffusion system via a differential quadrature-radial point interpolation method (DQ-RPIM) technique. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	4
31	The proper orthogonal decomposition modal spectral element method for two-dimensional viscoelastic equation. <i>Thin-Walled Structures</i> , 2021, 161, 107429.	5.3	6
32	Investigation of generalized Couette hydromagnetic flow of two-step exothermic chemical reaction in a channel via the direct meshless local Petrovâ€“Galerkin method. <i>Engineering Analysis With Boundary Elements</i> , 2021, 125, 178-189.	3.7	2
33	Numerical analysis of locally conservative weak Galerkin dual-mixed finite element method for the time-dependent Poissonâ€“Nernstâ€“Planck system. <i>Computers and Mathematics With Applications</i> , 2021, 92, 88-108.	2.7	6
34	Numerical simulation of shallow water waves based on generalized equal width (GEW) equation by compact local integrated radial basis function method combined with adaptive residual subsampling technique. <i>Nonlinear Dynamics</i> , 2021, 105, 3359-3391.	5.2	6
35	The meshless local Petrovâ€“Galerkin method based on moving Taylor polynomial approximation to investigate unsteady diffusionâ€“convection problems of anisotropic functionally graded materials related to incompressible flow. <i>Engineering Analysis With Boundary Elements</i> , 2021, 132, 469-480.	3.7	11
36	A Galerkin meshless reproducing kernel particle method for numerical solution of neutral delay time-space distributed-order fractional damped diffusion-wave equation. <i>Applied Numerical Mathematics</i> , 2021, 169, 44-63.	2.1	14

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37	Long time behavior of Robin boundary sub-diffusion equation with fractional partial derivatives of Caputo type in differential and difference settings. <i>Mathematics and Computers in Simulation</i> , 2021, 190, 1370-1378.	4.4	8
38	Nonlinear vibration of fractional viscoelastic micro-beams. <i>International Journal of Non-Linear Mechanics</i> , 2021, 137, 103811.	2.6	28
39	The local meshless collocation method for numerical simulation of shallow water waves based on generalized equal width (GEW) equation. <i>Wave Motion</i> , 2021, 107, 102805.	2.0	4
40	Interpolating Stabilized Element Free Galerkin Method for Neutral Delay Fractional Damped Diffusion-Wave Equation. <i>Journal of Function Spaces</i> , 2021, 2021, 1-11.	0.9	4
41	Direct meshless local Petrov-Galerkin (DMLPG) method for time-fractional fourth-order reaction-diffusion problem on complex domains. <i>Computers and Mathematics With Applications</i> , 2020, 79, 876-888.	2.7	37
42	Analysis and application of the interpolating element free Galerkin (IEFG) method to simulate the prevention of groundwater contamination with application in fluid flow. <i>Journal of Computational and Applied Mathematics</i> , 2020, 368, 112453.	2.0	25
43	Investigation of the Oldroyd model as a generalized incompressible Navier-Stokes equation via the interpolating stabilized element free Galerkin technique. <i>Applied Numerical Mathematics</i> , 2020, 150, 274-294.	2.1	36
44	Application of spectral element method for solving Sobolev equations with error estimation. <i>Applied Numerical Mathematics</i> , 2020, 158, 439-462.	2.1	18
45	Compact local integrated radial basis functions (Integrated RBF) method for solving system of non-linear advection-diffusion-reaction equations to prevent the groundwater contamination. <i>Engineering Analysis With Boundary Elements</i> , 2020, 121, 50-64.	3.7	15
46	A Bayesian estimation method for variational phase-field fracture problems. <i>Computational Mechanics</i> , 2020, 66, 827-849.	4.0	53
47	Simulation flows with multiple phases and components via the radial basis functions-finite difference (RBF-FD) procedure: Shan-Chen model. <i>Engineering Analysis With Boundary Elements</i> , 2020, 119, 151-161.	3.7	17
48	A POD-based reduced-order Crank-Nicolson/fourth-order alternating direction implicit (ADI) finite difference scheme for solving the two-dimensional distributed-order Riesz space-fractional diffusion equation. <i>Applied Numerical Mathematics</i> , 2020, 158, 271-291.	2.1	32
49	Meshless local numerical procedure based on interpolating moving least squares approximation and exponential time differencing fourth-order Runge-Kutta (ETDRK4) for solving stochastic parabolic interface problems. <i>Engineering With Computers</i> , 2020, , 1.	6.1	4
50	Legendre spectral element method (LSEM) to simulate the two-dimensional system of nonlinear stochastic advection-reaction-diffusion models. <i>Applicable Analysis</i> , 2020, , 1-16.	1.3	4
51	Second-Order Finite Difference/Spectral Element Formulation for Solving the Fractional Advection-Diffusion Equation. <i>Communications on Applied Mathematics and Computation</i> , 2020, 2, 653-669.	1.7	14
52	Reduced order modeling of time-dependent incompressible Navier-Stokes equation with variable density based on a local radial basis functions-finite difference (LRBF-FD) technique and the POD/DEIM method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 364, 112914.	6.6	26
53	Interior penalty discontinuous Galerkin technique for solving generalized Sobolev equation. <i>Applied Numerical Mathematics</i> , 2020, 154, 172-186.	2.1	20
54	Direct meshless local Petrov-Galerkin method to investigate anisotropic potential and plane elastostatic equations of anisotropic functionally graded materials problems. <i>Engineering Analysis With Boundary Elements</i> , 2020, 118, 188-201.	3.7	11

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55	An upwind local radial basis functions-differential quadrature (RBFs-DQ) technique to simulate some models arising in water sciences. <i>Ocean Engineering</i> , 2020, 197, 106844.	4.3	29
56	Crank-Nicolson/Galerkin spectral method for solving two-dimensional time-space distributed-order weakly singular integro-partial differential equation. <i>Journal of Computational and Applied Mathematics</i> , 2020, 374, 112739.	2.0	25
57	A proper orthogonal decomposition variational multiscale meshless interpolating element-free Galerkin method for incompressible magnetohydrodynamics flow. <i>International Journal for Numerical Methods in Fluids</i> , 2020, 92, 1415-1436.	1.6	7
58	Error analysis of interpolating element free Galerkin method to solve non-linear extended Fisher-Kolmogorov equation. <i>Computers and Mathematics With Applications</i> , 2020, 80, 247-262.	2.7	20
59	The solution of nonlinear Green-Naghdi equation arising in water sciences via a meshless method which combines moving kriging interpolation shape functions with the weighted essentially non-oscillatory method. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 68, 220-239.	3.3	19
60	Alternating direction implicit-spectral element method (ADI-SEM) for solving multi-dimensional generalized modified anomalous sub-diffusion equation. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1772-1792.	2.7	17
61	The reproducing kernel particle Petrov-Galerkin method for solving two-dimensional nonstationary incompressible Boussinesq equations. <i>Engineering Analysis With Boundary Elements</i> , 2019, 106, 300-308.	3.7	33
62	Numerical and analytical investigations for neutral delay fractional damped diffusion-wave equation based on the stabilized interpolating element free Galerkin (IEFG) method. <i>Applied Numerical Mathematics</i> , 2019, 145, 488-506.	2.1	33
63	The interpolating element-free Galerkin method for solving Korteweg-de Vries-Rosenau-regularized long-wave equation with error analysis. <i>Nonlinear Dynamics</i> , 2019, 96, 1345-1365.	5.2	28
64	Analysis of mixed finite element method (MFEM) for solving the generalized fractional reaction-diffusion equation on nonrectangular domains. <i>Computers and Mathematics With Applications</i> , 2019, 78, 1531-1547.	2.7	25
65	A multilevel Monte Carlo finite element method for the stochastic Cahn-Hilliard-Cook equation. <i>Computational Mechanics</i> , 2019, 64, 937-949.	4.0	28
66	Galerkin proper orthogonal decomposition-reduced order method (POD-ROM) for solving generalized Swift-Hohenberg equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 2642-2665.	2.8	16
67	A reduced order finite difference method for solving space-fractional reaction-diffusion systems: The Gray-Scott model. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	20
68	The simulation of some chemotactic bacteria patterns in liquid medium which arises in tumor growth with blow-up phenomena via a generalized smoothed particle hydrodynamics (GSPH) method. <i>Engineering With Computers</i> , 2019, 35, 875-892.	6.1	7
69	Error estimate of second-order finite difference scheme for solving the Riesz space distributed-order diffusion equation. <i>Applied Mathematics Letters</i> , 2019, 88, 179-185.	2.7	54
70	A direct meshless local collocation method for solving stochastic Cahn-Hilliard-Cook and stochastic Swift-Hohenberg equations. <i>Engineering Analysis With Boundary Elements</i> , 2019, 98, 253-264.	3.7	51
71	Error estimate of finite element/finite difference technique for solution of two-dimensional weakly singular integro-partial differential equation with space and time fractional derivatives. <i>Journal of Computational and Applied Mathematics</i> , 2019, 356, 314-328.	2.0	33
72	Error analysis and numerical simulation of magnetohydrodynamics (MHD) equation based on the interpolating element free Galerkin (IEFG) method. <i>Applied Numerical Mathematics</i> , 2019, 137, 252-273.	2.1	51

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73	Numerical solution of a time-fractional PDE in the electroanalytical chemistry by a local meshless method. <i>Engineering With Computers</i> , 2019, 35, 87-100.	6.1	23
74	A finite difference/finite element technique with error estimate for space fractional tempered diffusion-wave equation. <i>Computers and Mathematics With Applications</i> , 2018, 75, 2903-2914.	2.7	66
75	A Legendre spectral element method (SEM) based on the modified bases for solving neutral delay distributed-order fractional damped diffusion-wave equation. <i>Mathematical Methods in the Applied Sciences</i> , 2018, 41, 3476-3494.	2.3	73
76	An efficient technique based on finite difference/finite element method for solution of two-dimensional space/multi-time fractional Bloch-Torrey equations. <i>Applied Numerical Mathematics</i> , 2018, 131, 190-206.	2.1	62
77	The space-splitting idea combined with local radial basis function meshless approach to simulate conservation laws equations. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 1137-1156.	6.4	35
78	The two-grid interpolating element free Galerkin (TG-IEFG) method for solving Rosenau-regularized long wave (RRLW) equation with error analysis. <i>Applicable Analysis</i> , 2018, 97, 1129-1153.	1.3	24
79	An upwind local radial basis functions-differential quadrature (RBF-DQ) method with proper orthogonal decomposition (POD) approach for solving compressible Euler equation. <i>Engineering Analysis With Boundary Elements</i> , 2018, 92, 244-256.	3.7	41
80	Interpolating stabilized moving least squares (MLS) approximation for 2D elliptic interface problems. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2018, 328, 775-803.	6.6	36
81	Solution of multi-dimensional Klein-Gordon-Zakharov and Schrödinger/Gross-Pitaevskii equations via local Radial Basis Functions-Differential Quadrature (RBF-DQ) technique on non-rectangular computational domains. <i>Engineering Analysis With Boundary Elements</i> , 2018, 92, 156-170.	3.7	35
82	A reduced proper orthogonal decomposition (POD) element free Galerkin (POD-EFG) method to simulate two-dimensional solute transport problems and error estimate. <i>Applied Numerical Mathematics</i> , 2018, 126, 92-112.	2.1	26
83	Variational multiscale element-free Galerkin method combined with the moving Kriging interpolation for solving some partial differential equations with discontinuous solutions. <i>Computational and Applied Mathematics</i> , 2018, 37, 3869-3905.	1.3	19
84	A combination of proper orthogonal decomposition-discrete empirical interpolation method (POD-DEIM) and meshless local RBF-DQ approach for prevention of groundwater contamination. <i>Computers and Mathematics With Applications</i> , 2018, 75, 1390-1412.	2.7	42
85	Evaluating a green supplier selection problem using a hybrid MODM algorithm. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 913-927.	7.3	79
86	Two meshless procedures: moving Kriging interpolation and element-free Galerkin for fractional PDEs. <i>Applicable Analysis</i> , 2017, 96, 936-969.	1.3	19
87	Fourth-order numerical method for the space-time tempered fractional diffusion-wave equation. <i>Applied Mathematics Letters</i> , 2017, 73, 120-127.	2.7	63
88	Spectral element technique for nonlinear fractional evolution equation, stability and convergence analysis. <i>Applied Numerical Mathematics</i> , 2017, 119, 51-66.	2.1	51
89	Numerical investigation based on direct meshless local Petrov Galerkin (direct MLPG) method for solving generalized Zakharov system in one and two dimensions and generalized Gross-Pitaevskii equation. <i>Engineering With Computers</i> , 2017, 33, 983-996.	6.1	22
90	The meshless local collocation method for solving multi-dimensional Cahn-Hilliard, Swift-Hohenberg and phase field crystal equations. <i>Engineering Analysis With Boundary Elements</i> , 2017, 78, 49-64.	3.7	70

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91	A local meshless method for solving multi-dimensional Vlasovâ€Poisson and Vlasovâ€Poissonâ€Fokkerâ€Planck systems arising in plasma physics. <i>Engineering With Computers</i> , 2017, 33, 961-981.	6.1	25
92	Element free Galerkin approach based on the reproducing kernel particle method for solving 2D fractional Tricomi-type equation with Robin boundary condition. <i>Computers and Mathematics With Applications</i> , 2017, 73, 1270-1285.	2.7	43
93	The use of proper orthogonal decomposition (POD) meshless RBF-FD technique to simulate the shallow water equations. <i>Journal of Computational Physics</i> , 2017, 351, 478-510.	3.8	66
94	A finite element method for the numerical solution of Rayleighâ€Stokes problem for a heated generalized second grade fluid with fractional derivatives. <i>Engineering With Computers</i> , 2017, 33, 587-605.	6.1	73
95	An improved meshless method for solving two-dimensional distributed order time-fractional diffusion-wave equation with error estimate. <i>Numerical Algorithms</i> , 2017, 75, 173-211.	1.9	82
96	Proper orthogonal decomposition variational multiscale element free Galerkin (POD-VMEFG) meshless method for solving incompressible Navierâ€Stokes equation. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 311, 856-888.	6.6	95
97	Analysis of the element free Galerkin (EFG) method for solving fractional cable equation with Dirichlet boundary condition. <i>Applied Numerical Mathematics</i> , 2016, 109, 208-234.	2.1	57
98	Numerical study of three-dimensional Turing patterns using a meshless method based on moving Kriging element free Galerkin (EFG) approach. <i>Computers and Mathematics With Applications</i> , 2016, 72, 427-454.	2.7	29
99	Variational multiscale element free Galerkin (VMEFG) and local discontinuous Galerkin (LDG) methods for solving two-dimensional Brusselator reactionâ€diffusion system with and without cross-diffusion. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2016, 300, 770-797.	6.6	57
100	Analysis of a meshless method for the time fractional diffusion-wave equation. <i>Numerical Algorithms</i> , 2016, 73, 445-476.	1.9	72
101	Analysis of two methods based on Galerkin weak form for fractional diffusion-wave: Meshless interpolating element free Galerkin (IEFG) and finite element methods. <i>Engineering Analysis With Boundary Elements</i> , 2016, 64, 205-221.	3.7	38
102	Legendre spectral element method for solving time fractional modified anomalous sub-diffusion equation. <i>Applied Mathematical Modelling</i> , 2016, 40, 3635-3654.	4.2	68
103	The use of element free Galerkin method based on moving Kriging and radial point interpolation techniques for solving some types of Turing models. <i>Engineering Analysis With Boundary Elements</i> , 2016, 62, 93-111.	3.7	33
104	A meshless technique based on the local radial basis functions collocation method for solving parabolicâ€parabolic Patlakâ€Kellerâ€Segel chemotaxis model. <i>Engineering Analysis With Boundary Elements</i> , 2015, 56, 129-144.	3.7	40
105	The use of interpolating element-free Galerkin technique for solving 2D generalized Benjaminâ€Bonaâ€Mahonyâ€Burgers and regularized long-wave equations on non-rectangular domains with error estimate. <i>Journal of Computational and Applied Mathematics</i> , 2015, 286, 211-231.	2.0	93
106	Two high-order numerical algorithms for solving the multi-term time fractional diffusion-wave equations. <i>Journal of Computational and Applied Mathematics</i> , 2015, 290, 174-195.	2.0	120
107	A meshless numerical procedure for solving fractional reaction subdiffusion model via a new combination of alternating direction implicit (ADI) approach and interpolating element free Galerkin (EFG) method. <i>Computers and Mathematics With Applications</i> , 2015, 70, 2493-2512.	2.7	42
108	The numerical solution of the twoâ€dimensional sinh-Gordon equation via three meshless methods. <i>Engineering Analysis With Boundary Elements</i> , 2015, 51, 220-235.	3.7	25

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109	Error estimate for the numerical solution of fractional reaction-subdiffusion process based on a meshless method. <i>Journal of Computational and Applied Mathematics</i> , 2015, 280, 14-36.	2.0	84
110	An implicit RBF meshless approach for solving the time fractional nonlinear sine-Gordon and Klein-Gordon equations. <i>Engineering Analysis With Boundary Elements</i> , 2015, 50, 412-434.	3.7	112
111	High-order difference scheme for the solution of linear time fractional Klein-Gordon equations. <i>Numerical Methods for Partial Differential Equations</i> , 2014, 30, 1234-1253.	3.6	41
112	Solution of two-dimensional modified anomalous fractional sub-diffusion equation via radial basis functions (RBF) meshless method. <i>Engineering Analysis With Boundary Elements</i> , 2014, 38, 72-82.	3.7	47
113	The meshless method of radial basis functions for the numerical solution of time fractional telegraph equation. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014, 24, 1636-1659.	2.8	29
114	The numerical solution of nonlinear high dimensional generalized Benjamin-Bona-Mahony-Burgers equation via the meshless method of radial basis functions. <i>Computers and Mathematics With Applications</i> , 2014, 68, 212-237.	2.7	133
115	Compact finite difference scheme for the solution of time fractional advection-dispersion equation. <i>Numerical Algorithms</i> , 2013, 63, 431-452.	1.9	47
116	A fourth-order compact solution of the two-dimensional modified anomalous fractional sub-diffusion equation with a nonlinear source term. <i>Computers and Mathematics With Applications</i> , 2013, 66, 1345-1359.	2.7	50
117	The use of a meshless technique based on collocation and radial basis functions for solving the time fractional nonlinear Schrödinger equation arising in quantum mechanics. <i>Engineering Analysis With Boundary Elements</i> , 2013, 37, 475-485.	3.7	145
118	Compact finite difference scheme and RBF meshless approach for solving 2D Rayleigh-Stokes problem for a heated generalized second grade fluid with fractional derivatives. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2013, 264, 163-177.	6.6	55
119	A high-order and unconditionally stable scheme for the modified anomalous fractional sub-diffusion equation with a nonlinear source term. <i>Journal of Computational Physics</i> , 2013, 240, 36-48.	3.8	99
120	Application of direct meshless local Petrov-Galerkin method for numerical solution of stochastic elliptic interface problems. <i>Numerical Methods for Partial Differential Equations</i> , 0, , .	3.6	3