Pouria Assari

List of Publications by Year in descending order

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36 papers	728 citations	516561 16 h-index	552653 26 g-index
37 all docs	37 docs citations	37 times ranked	251 citing authors

#	Article	IF	Citations
1	The approximate solution of charged particle motion equations in oscillating magnetic fields using the local multiquadrics collocation method. Engineering With Computers, 2021, 37, 21-38.	3.5	6
2	Local Gaussian-Collocation Scheme to Approximate the Solution of Nonlinear Fractional Differential Equations Using Volterra Integral Equations. Journal of Computational Mathematics, 2021, 39, 261-282.	0.2	2
3	On the numerical solution of Fredholm integral equations utilizing the local radial basis function method. International Journal of Computer Mathematics, 2019, 96, 1416-1443.	1.0	18
4	On the numerical solution of nonlinear integral equations on non-rectangular domains utilizing thin plate spline collocation method. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2019, 129, 1.	0.2	0
5	A meshless local discrete Galerkin (MLDG) scheme for numerically solving two-dimensional nonlinear Volterra integral equations. Applied Mathematics and Computation, 2019, 350, 249-265.	1.4	25
6	Local radial basis function scheme for solving a class of fractional integroâ€differential equations based on the use of mixed integral equations. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800236.	0.9	6
7	A meshless local Galerkin method for solving Volterra integral equations deduced from nonlinear fractional differential equations using the moving least squares technique. Applied Numerical Mathematics, 2019, 143, 276-299.	1.2	25
8	A numerical scheme for solving a class of logarithmic integral equations arisen from two-dimensional Helmholtz equations using local thin plate splines. Applied Mathematics and Computation, 2019, 356, 157-172.	1.4	7
9	Local multiquadric scheme for solving twoâ€dimensional weakly singular Hammerstein integral equations. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2488.	1.2	8
10	On the numerical solution of two-dimensional integral equations using a meshless local discrete Galerkin scheme with error analysis. Engineering With Computers, 2019, 35, 893-916.	3.5	10
11	The numerical solution of fractional differential equations using the Volterra integral equation method based on thin plate splines. Engineering With Computers, 2019, 35, 1391-1408.	3.5	13
12	Thin plate spline Galerkin scheme for numerically solving nonlinear weakly singular Fredholm integral equations. Applicable Analysis, 2019, 98, 2064-2084.	0.6	9
13	Application of dual-Chebyshev wavelets for the numerical solution of boundary integral equations with logarithmic singular kernels. Engineering With Computers, 2019, 35, 175-190.	3.5	16
14	Application of thin plate splines for solving a class of boundary integral equations arisen from Laplace's equations with nonlinear boundary conditions. International Journal of Computer Mathematics, 2019, 96, 170-198.	1.0	10
15	A MESHLESS LOCAL GALERKIN METHOD FOR THE NUMERICAL SOLUTION OF HAMMERSTEIN INTEGRAL EQUATIONS BASED ON THE MOVING LEAST SQUARES TECHNIQUE. Journal of Applied Analysis and Computation, 2019, 9, 75-104.	0.2	3
16	The numerical solution of Fredholm-Hammerstein integral equations by combining the collocation method and radial basis functions. Filomat, 2019, 33, 667-682.	0.2	9
17	A Local Galerkin Integral Equation Method for Solving Integro-differential Equations Arising in Oscillating Magnetic Fields. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.4	4
18	The approximate solution of nonlinear Volterra integral equations of the second kind using radial basis functions. Applied Numerical Mathematics, 2018, 131, 140-157.	1.2	21

#	Article	IF	Citations
19	Solving weakly singular integral equations utilizing the meshless local discrete collocation technique. AEJ - Alexandria Engineering Journal, 2018, 57, 2497-2507.	3.4	8
20	Solving a class of nonlinear boundary integral equations based on the meshless local discrete Galerkin (MLDG) method. Applied Numerical Mathematics, 2018, 123, 137-158.	1.2	33
21	A meshless Galerkin scheme for the approximate solution of nonlinear logarithmic boundary integral equations utilizing radial basis functions. Journal of Computational and Applied Mathematics, 2018, 333, 362-381.	1.1	27
22	A meshless local discrete collocation (MLDC) scheme for solving 2â€dimensional singular integral equations with logarithmic kernels. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2018, 31, e2311.	1.2	8
23	The thin plate spline collocation method for solving integro-differential equations arisen from the charged particle motion in oscillating magnetic fields. Engineering Computations, 2018, 35, 1706-1726.	0.7	4
24	The numerical solution of nonlinear integral equations of the second kind using thin plate spline discrete collocation method. Ricerche Di Matematica, 2017, 66, 469-489.	0.6	2
25	A meshless method for the numerical solution of nonlinear weakly singular integral equations using radial basis functions. European Physical Journal Plus, 2017, 132, 1.	1.2	34
26	The numerical solution of two-dimensional logarithmic integral equations on normal domains using radial basis functions with polynomial precision. Engineering With Computers, 2017, 33, 853-870.	3.5	51
27	A meshless discrete collocation method for the numerical solution of singular-logarithmic boundary integral equations utilizing radial basis functions. Applied Mathematics and Computation, 2017, 315, 424-444.	1.4	24
28	The numerical solution of weakly singular integral equations based on the meshless product integration (MPI) method with error analysis. Applied Numerical Mathematics, 2014, 81, 76-93.	1.2	41
29	A meshless discrete Galerkin (MDG) method for the numerical solution of integral equations with logarithmic kernels. Journal of Computational and Applied Mathematics, 2014, 267, 160-181.	1.1	53
30	A meshless method based on the moving least squares (MLS) approximation for the numerical solution of two-dimensional nonlinear integral equations of the second kind on non-rectangular domains. Numerical Algorithms, 2014, 67, 423-455.	1.1	46
31	The Numerical Solution Of Nonlinear Fredholm-hammerstein Integral Equations Of The Second Kind Utilizing Chebyshev Wavelets. Journal of Mathematics and Computer Science, 2014, 10, 235-246.	0.5	5
32	A numerical method for solving linear integral equations of the second kind on the non-rectangular domains based on the meshless method. Applied Mathematical Modelling, 2013, 37, 9269-9294.	2.2	45
33	A meshless method for solving nonlinear two-dimensional integral equations of the second kind on non-rectangular domains using radial basis functions with error analysis. Journal of Computational and Applied Mathematics, 2013, 239, 72-92.	1.1	72
34	Chebyshev Wavelet Method for Numerical Solution of Fredholm Integral Equations of the First Kind. Mathematical Problems in Engineering, 2010, 2010, 1-17.	0.6	59
35	A MESHLESS LOCAL GALERKIN INTEGRAL EQUATION METHOD FOR SOLVING A TYPE OF DARBOUX PROBLEMS BASED ON RADIAL BASIS FUNCTIONS. ANZIAM Journal, 0, , 1-24.	0.3	0
36	A meshless local Galerkin integral equation method for solving a type of Darboux problems based on the radial basis functions. ANZIAM Journal, 0, 63, 469-492.	0.0	0