# 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Thin plate spline Galerkin scheme for numerically solving nonlinear weakly singular Fredholm integral equations. Applicable Analysis, 2019, 98, 2064-2084. | 0.6 | 9 |
| 21 | 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 |
| 22 | Solving weakly singular integral equations utilizing the meshless local discrete collocation technique. AEJ - Alexandria Engineering Journal, 2018, 57, 2497-2507. | 3.4 | 8 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 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 |