# Esmail Hesameddini

List of Publications by Year
in descending order

| 17 papers | 175 citations | 1307594 7 h-index | 1125743 13 g-index |
|---|---|---|---|
| 17 all docs | 17 docs citations | 17 times ranked | 137 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | An efficient local RBF-based method for elasticity problems involving multiple material phases. Engineering Analysis With Boundary Elements, 2022, 138, 189-201. | 3.7 | 2 |
| 2 | A coupling technique based on method of line and group preserving scheme for solving the nonlinear wave equation. Journal of Information and Optimization Sciences, 2021, 42, 579-589. | 0.3 | 0 |
| 3 | An efficient meshless method based on the moving Kriging interpolation for twoâ€dimensional variableâ€order time fractional mobile/immobile advectionâ€diffusion model. Mathematical Methods in the Applied Sciences, 2021, 44, 3182-3194. | 2.3 | 12 |
| 4 | An Efficient Meshless Method for Solving Multi-dimensional Nonlinear SchrÃ¶dinger Equation. Iranian Journal of Science and Technology, Transaction A: Science, 2020, 44, 749-761. | 1.5 | 4 |
| 5 | A global RBF-QR collocation technique for solving two-dimensional elliptic problems involving arbitrary interface. Engineering With Computers, 2020, 37, 3793. | 6.1 | 5 |
| 6 | Bernoulli Galerkin Matrix Method and Its Convergence Analysis for Solving System of Volterraâ€"Fredholm Integro-Differential Equations. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1203-1214. | 1.5 | 4 |
| 7 | Hybrid Legendre Block-Pulse functions method for solving partial differential equations with non-local integral boundary conditions. Journal of Information and Optimization Sciences, 2019, 40, 1391-1403. | 0.3 | 3 |
| 8 | Solving multipoint problems with linear Volterraâ€"Fredholm integro-differential equations of the neutral type using Bernstein polynomials method. Applied Numerical Mathematics, 2019, 136, 122-138. | 2.1 | 17 |
| 9 | An Efficient Hybrid Method and Its Convergence Analysis for Solving Volterra Integro-Differential Equations with Fractional Order. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 555-565. | 1.5 | 0 |
| 10 | Two-dimensional shifted Legendre polynomials operational matrix method for solving the two-dimensional integral equations of fractional order. Applied Mathematics and Computation, 2018, 322, 40-54. | 2.2 | 23 |
| 11 | A reliable algorithm based on the shifted orthonormal Bernstein polynomials for solving Volterraâ€"Fredholm integral equations. Journal of Taibah University for Science, 2018, 12, 427-438. | 2.5 | 3 |
| 12 | Solving system of Volterraâ€"Fredholm integral equations with Bernstein polynomials and hybrid Bernstein Block-Pulse functions. Journal of Computational and Applied Mathematics, 2017, 315, 182-194. | 2.0 | 29 |
| 13 | A new spectral Galerkin method for solving the two dimensional hyperbolic telegraph equation. Computers and Mathematics With Applications, 2016, 72, 1926-1942. | 2.7 | 13 |
| 14 | A new reliable algorithm based on the sinc function for the time fractional diffusion equation. Numerical Algorithms, 2016, 72, 893-913. | 1.9 | 5 |
| 15 | On the convergence of a new reliable algorithm for solving multi-order fractional differential equations. Communications in Nonlinear Science and Numerical Simulation, 2016, 34, 154-164. | 3.3 | 41 |
| 16 | Solving Fractional Partial Differential Equations with Variable Coefficients by the Reconstruction of Variational Iteration Method. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 375-382. | 1.5 | 7 |
| 17 | Homotopy analysis method to obtain numerical solutions of the PainlevÃ© equations. Mathematical Methods in the Applied Sciences, 2012, 35, 1423-1433. | 2.3 | 7 |