

# Esmail Hesameddini

## List of Publications by Year in descending order

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17  
papers

175  
citations

1307594

7  
h-index

1125743

13  
g-index

17  
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17  
docs citations

17  
times ranked

137  
citing authors

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