

Marjan Uddin

List of Publications by Year in descending order

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35
papers

531
citations

758635

12
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642321

23
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all docs

35
docs citations

35
times ranked

362
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | RBFs approximation method for time fractional partial differential equations. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4208-4214. | 1.7 | 89 |
| 2 | A meshfree interpolation method for the numerical solution of the coupled nonlinear partial differential equations. Engineering Analysis With Boundary Elements, 2009, 33, 399-409. | 2.0 | 59 |
| 3 | On the selection of a good value of shape parameter in solving time-dependent partial differential equations using RBF approximation method. Applied Mathematical Modelling, 2014, 38, 135-144. | 2.2 | 58 |
| 4 | A mesh-free numerical method for solution of the family of Kuramoto-Sivashinsky equations. Applied Mathematics and Computation, 2009, 212, 458-469. | 1.4 | 52 |
| 5 | On the numerical solution of nonlinear Burgers-type equations using meshless method of lines. Applied Mathematics and Computation, 2012, 218, 6280-6290. | 1.4 | 31 |
| 6 | A mesh-free method for the numerical solution of the KdV-Burgers equation. Applied Mathematical Modelling, 2009, 33, 3442-3449. | 2.2 | 29 |
| 7 | Numerical solution of complex modified Korteweg-de Vries equation by mesh-free collocation method. Computers and Mathematics With Applications, 2009, 58, 566-578. | 1.4 | 26 |
| 8 | RBF-PS scheme for solving the equal width equation. Applied Mathematics and Computation, 2013, 222, 619-631. | 1.4 | 26 |
| 9 | Numerical solution of Klein-Gordon and sine-Gordon equations by meshless method of lines. Engineering Analysis With Boundary Elements, 2013, 37, 1351-1366. | 2.0 | 23 |
| 10 | A localized transform-based meshless method for solving time fractional wave-diffusion equation. Engineering Analysis With Boundary Elements, 2018, 92, 108-113. | 2.0 | 20 |
| 11 | RBFs approximation method for Kawahara equation. Engineering Analysis With Boundary Elements, 2011, 35, 575-580. | 2.0 | 17 |
| 12 | On the approximation of time-fractional telegraph equations using localized kernel-based method. Advances in Difference Equations, 2018, 2018, . | 3.5 | 12 |
| 13 | The Space-Time Kernel-Based Numerical Method for Burgers Equations. Mathematics, 2018, 6, 212. | 1.1 | 12 |
| 14 | RBF-PS method and Fourier Pseudospectral method for solving stiff nonlinear partial differential equations. Mathematical Sciences Letters, 2013, 2, 55-61. | 0.7 | 9 |
| 15 | Approximation of time fractional Black-Scholes equation via radial kernels and transformations. Fractional Differential Calculus, 2019, , 75-90. | 0.3 | 9 |
| 16 | On the numerical solution of Bagley-Torvik equation via the Laplace transform. Tbilisi Mathematical Journal, 2017, 10, . | 0.3 | 8 |
| 17 | RBFs Meshless Method of Lines for the Numerical Solution of Time-Dependent Nonlinear Coupled Partial Differential Equations. Applied Mathematics, 2011, 02, 414-423. | 0.1 | 7 |
| 18 | On the Laplace-transformed-based local meshless method for fractional-order diffusion equation. International Journal for Computational Methods in Engineering Science and Mechanics, 2018, 19, 221-225. | 1.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Soliton Kernels for Solving PDEs. International Journal of Computational Methods, 2016, 13, 1640009. | 0.8 | 6 |
| 20 | On the approximation of Volterra integral equations with highly oscillatory Bessel kernels via Laplace transform and quadrature. AEJ - Alexandria Engineering Journal, 2019, 58, 413-417. | 3.4 | 5 |
| 21 | Numerical Approximation of Blast Loads on Confined Dry-Stacked Masonry Wall. Mathematical Problems in Engineering, 2021, 2021, 1-13. | 0.6 | 5 |
| 22 | Numerical Solution of Fractional Order Anomalous Subdiffusion Problems Using Radial Kernels and Transform. Journal of Mathematics, 2021, 2021, 1-9. | 0.5 | 4 |
| 23 | RBF-FD Method for Some Dispersive Wave Equations and Their Eventual Periodicity. CMES - Computer Modeling in Engineering and Sciences, 2020, 123, 797-819. | 0.8 | 3 |
| 24 | On the Approximation of a Nonlinear Biological Population Model Using Localized Radial Basis Function Method. Mathematical and Computational Applications, 2019, 24, 54. | 0.7 | 2 |
| 25 | A numerical method for solving variable-order solute transport models. Computational and Applied Mathematics, 2020, 39, 1. | 1.0 | 2 |
| 26 | RBF Based Localized Method for Solving Nonlinear Partial Integro-Differential Equations. CMES - Computer Modeling in Engineering and Sciences, 2020, 123, 957-972. | 0.8 | 2 |
| 27 | Space-time kernel based numerical method for generalized Black-Scholes equation. Discrete and Continuous Dynamical Systems - Series S, 2020, 13, 2905-2915. | 0.6 | 2 |
| 28 | Numerical Solution of Heat Equation in Polar Cylindrical Coordinates by the Meshless Method of Lines. Journal of Mathematics, 2021, 2021, 1-11. | 0.5 | 2 |
| 29 | A local meshless numerical scheme for computing multi-dimensional integrals of functions with rapid irregular oscillations. Miskolc Mathematical Notes, 2015, 16, 1253-1264. | 0.3 | 1 |
| 30 | RBF-PS method for approximation and eventual periodicity of fractional and integer type KdV equations. Partial Differential Equations in Applied Mathematics, 2022, , 100288. | 1.3 | 1 |
| 31 | On the Solution of Fractional Order KdV Equation and Its Periodicity on Bounded Domain Using Radial Basis Functions. Mathematical Problems in Engineering, 2022, 2022, 1-10. | 0.6 | 1 |
| 32 | On the eventual periodicity of fractional order dispersive wave equations using RBFS and transform. EUREKA, Physics and Engineering, 2022, , 133-148. | 0.4 | 1 |
| 33 | Compactly supported kernels method of approximate particular solutions for solving elliptic problems. Journal of Physics: Conference Series, 2015, 633, 012050. | 0.3 | 0 |
| 34 | Meshless method of approximate particular solution for an initial and boundary value problem of the Korteweg-de Vries type equation and eventual periodicity. Partial Differential Equations in Applied Mathematics, 2021, 4, 100088. | 1.3 | 0 |
| 35 | On the local transformed based method for partial integro-differential equations of fractional order. Miskolc Mathematical Notes, 2020, 21, 435. | 0.3 | 0 |