Marjan Uddin

List of Publications by Year
in descending order

35 papers	531 citations	758635 12 h-index	642321 23 g-index
35 all docs	35 docs citations	35 times ranked	362 citing authors

#	Article	IF	Citations
1	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
2	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
3	On the eventual periodicity of fractional order dispersive wave equations using RBFS and transform. EUREKA, Physics and Engineering, 2022, , 133-148.	0.4	1
4	Numerical Solution of Fractional Order Anomalous Subdiffusion Problems Using Radial Kernels and Transform. Journal of Mathematics, 2021, 2021, 1-9.	0.5	4
5	Meshless method of approximate particular solution for an initial and boundary value problem of the Kortewegâ€“de Vries type equation and eventual periodicity. Partial Differential Equations in Applied Mathematics, 2021, 4, 100088.	1.3	0
6	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
7	Numerical Approximation of Blast Loads on Confined Dry-Stacked Masonry Wall. Mathematical Problems in Engineering, 2021, 2021, 1-13.	0.6	5
8	A numerical method for solving variable-order solute transport models. Computational and Applied Mathematics, 2020, 39, 1.	1.0	2
9	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
10	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
11	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
12	On the local transformed based method for partial integro-differential equations of fractional order. Miskolc Mathematical Notes, 2020, 21, 435.	0.3	0
13	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
14	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
15	Approximation of time fractional Black-Scholes equation via radial kernels and transformations. Fractional Differential Calculus, 2019, , 75-90.	0.3	9
16	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
17	On the approximation of time-fractional telegraph equations using localized kernel-based method. Advances in Difference Equations, 2018, 2018, .	3.5	12
18	The Spaceâ€“Time Kernel-Based Numerical Method for Burgersâ€™ Equations. Mathematics, 2018, 6, 212.	1.1	12

#	Article	IF	Citations
19	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
20	On the numerical solution of Bagley-Torvik equation via the Laplace transform. Tbilisi Mathematical Journal, 2017, 10, .	0.3	8
21	Soliton Kernels for Solving PDEs. International Journal of Computational Methods, 2016, 13, 1640009.	0.8	6
22	Compactly supported kernels method of approximate particular solutions for solving elliptic problems. Journal of Physics: Conference Series, 2015, 633, 012050.	0.3	0
23	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
24	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
25	Numerical solution of Kleinâ€“Gordon and sine-Gordon equations by meshless method of lines. Engineering Analysis With Boundary Elements, 2013, 37, 1351-1366.	2.0	23
26	RBF-PS scheme for solving the equal width equation. Applied Mathematics and Computation, 2013, 222, 619-631.	1.4	26
27	RBF-PS method and Fourier Pseudospectral method for solving stiff nonlinear partial differential equations. Mathematical Sciences Letters, 2013, 2, 55-61.	0.7	9
28	On the numerical solution of nonlinear Burgersâ€™-type equations using meshless method of lines. Applied Mathematics and Computation, 2012, 218, 6280-6290.	1.4	31
29	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
30	RBFs approximation method for time fractional partial differential equations. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4208-4214.	1.7	89
31	RBFs approximation method for Kawahara equation. Engineering Analysis With Boundary Elements, 2011, 35, 575-580.	2.0	17
32	Numerical solution of complex modified Kortewegâ€“de Vries equation by mesh-free collocation method. Computers and Mathematics With Applications, 2009, 58, 566-578.	1.4	26
33	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
34	A mesh-free numerical method for solution of the family of Kuramotoâ€“Sivashinsky equations. Applied Mathematics and Computation, 2009, 212, 458-469.	1.4	52
35	A mesh-free method for the numerical solution of the KdVâ€“Burgers equation. Applied Mathematical Modelling, 2009, 33, 3442-3449.	2.2	29