Haniye Dehestani

List of Publications by Year
in descending order

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29	391	933447	839539
papers	citations	10	18
		h-index	g-index

30	30	30	179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractional-order Legendreâ€“Laguerre functions and their applications in fractional partial differential equations. Applied Mathematics and Computation, 2018, 336, 433-453.	2.2	66
2	Pseudo-operational matrix method for the solution of variable-order fractional partial integro-differential equations. Engineering With Computers, 2021, 37, 1791.	6.1	37
3	Fractional-order Bessel wavelet functions for solving variable order fractional optimal control problems with estimation error. International Journal of Systems Science, 2020, 51, 1032-1052.	5.5	30
4	Combination of Lucas wavelets with Legendreâ€“Gauss quadrature for fractional Fredholmâ€“Volterra integro-differential equations. Journal of Computational and Applied Mathematics, 2021, 382, 113070.	2.0	29
5	Application of the modified operational matrices in multiterm variableâ€order timeâ€fractional partial differential equations. Mathematical Methods in the Applied Sciences, 2019, 42, 7296-7313.	2.3	28
6	On the applicability of Genocchi wavelet method for different kinds of fractionalâ€order differential equations with delay. Numerical Linear Algebra With Applications, 2019, 26, e2259.	1.6	27
7	A numerical technique for solving various kinds of fractional partial differential equations via Genocchi hybrid functions. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 3297-3321.	1.2	19
8	A novel direct method based on the Lucas multiwavelet functions for variableâ€order fractional reactionâ€diffusion and subdiffusion equations. Numerical Linear Algebra With Applications, 2021, 28, e2346.	1.6	17
9	Fractional-order Bessel functions with various applications. , 2019, 64, 637-662.		15
10	Numerical Technique for Solving Fractional Generalized Pantograph-Delay Differential Equations by Using Fractional-Order Hybrid Bessel Functions. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	12
11	NUMERICAL SOLUTION OF VARIABLE-ORDER TIME FRACTIONAL WEAKLY SINGULAR PARTIAL INTEGRO-DIFFERENTIAL EQUATIONS WITH ERROR ESTIMATION. Mathematical Modelling and Analysis, 2020, 25, 680-701.	1.5	12
12	Hybrid functions for numerical solution of fractional Fredholmâ€Volterra functional integroâ€differential equations with proportional delays. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2606.	1.9	11
13	An efficient approach based on Legendreâ€“Gaussâ€“Lobatto quadrature and discrete shifted Hahn polynomials for solving Caputoâ€“Fabrizio fractional Volterra partial integro-differential equations. Journal of Computational and Applied Mathematics, 2022, 403, 113851.	2.0	11
14	Application of fractional Gegenbauer functions in variable-order fractional delay-type equations with non-singular kernel derivatives. Chaos, Solitons and Fractals, 2020, 140, 110111.	5.1	10
15	Modified wavelet method for solving fractional variational problems. JVC/Journal of Vibration and Control, 2021, 27, 582-596.	2.6	10
16	The novel operational matrices based on 2D-Genocchi polynomials: solving a general class of variable-order fractional partial integro-differential equations. Computational and Applied Mathematics, 2020, 39, 1.	2.2	8
17	A spectral framework for the solution of fractional optimal control and variational problems involving Mittagâ€“Leffler nonsingular kernel. JVC/Journal of Vibration and Control, 2022, 28, 260-275.	2.6	7
18	Fractional-Lucas optimization method for evaluating the approximate solution of the multi-dimensional fractional differential equations. Engineering With Computers, 2022, 38, 481-495.	6.1	7

#	Article	IF	Citations
19	Fractional-Order Genocchiâ€“Petrovâ€“Galerkin Method for Solving Timeâ€“Space Fractional Fokkerâ€“Planck Equations Arising from the Physical Phenomenon. International Journal of Applied and Computational Mathematics, 2020, 6, 1.	1.6	7
20	Modified wavelet method for solving multitype variable-order fractional partial differential equations generated from the modeling of phenomena. Mathematical Sciences, 0, , 1.	1.7	7
21	Computational method for generalized fractional Benjaminâ€“Bonaâ€“Mahonyâ€“Burgers equations arising from the propagation of water waves. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	1.3	5
22	A modified numerical algorithm based on fractional Euler functions for solving time-fractional partial differential equations. International Journal of Computer Mathematics, 2021, 98, 2078-2096.	1.8	5
23	An optimum method for fractalâ€“fractional optimal control and variational problems. International Journal of Dynamics and Control, 2023, 11, 229-241.	2.5	4
24	An improved numerical technique for distributedâ€order timeâ€fractional diffusion equations. Numerical Methods for Partial Differential Equations, 2021, 37, 2490-2510.	3.6	2
25	Numerical Evaluation of Variable-Order Fractional Nonlinear Volterra Functional-Integro-Differential Equations with Non-singular Kernel Derivative. Iranian Journal of Science and Technology, Transaction A: Science, 0, , 1.	1.5	2
26	Developing the discretization method for fractalâ€fractional twoâ€dimensional Fredholmâ€“Volterra integroâ€differential equations. Mathematical Methods in the Applied Sciences, 0, , .	2.3	1
27	Modification of numerical algorithm for space-time fractional partial differential equations including two types of fractional derivatives. International Journal of Computer Mathematics, 0, , 1-19.	1.8	1
28	Composition of Euler Scaling Functions with the Optimization Method for Fractional Hyperbolic and Reaction-Diffusion Equations with Nonlocal Boundary Conditions. Numerical Functional Analysis and Optimization, 2022, 43, 816-837.	1.4	1
29	A SPECTRAL APPROACH FOR TIME-FRACTIONAL DIFFUSION AND SUBDIFFUSION EQUATIONS IN A LARGE INTERVAL. Mathematical Modelling and Analysis, 2022, 27, 19-40.	1.5	0