Somayeh Nemati Foumeshi

List of Publications by Year
in descending order

27	521	759055 12	677027 22
papers	citations	h-index	g-index

28	28	28	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A low-cost computational method for solving nonlinear fractional delay differential equations. Communications in Nonlinear Science and Numerical Simulation, 2022, 114, 106650.	1.7	4
2	A new spectral method based on two classes of hat functions for solving systems of fractional differential equations and an application to respiratory syncytial virus infection. Soft Computing, 2021, 25, 6745-6757.	2.1	8
3	Numerical solution of a class of third-kind Volterra integral equations using Jacobi wavelets. Numerical Algorithms, 2021, 86, 675-691.	1.1	10
4	Solving fractional Advection-diffusion equation using Genocchi operational matrix based on Atangana-Baleanu derivative. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 3747.	0.6	3
5	Analysis of the Euler and trapezoidal discretization methods for the numerical solution of nonlinear functional Volterra integral equations of Urysohn type. Journal of Computational and Applied Mathematics, 2021, 398, 113628.	1.1	13
6	Operational matrices based on the shifted fifth-kind Chebyshev polynomials for solving nonlinear variable order integro-differential equations. Advances in Difference Equations, 2021, 2021, 435.	3.5	6
7	Numerical Solution of Variable-Order Fractional Differential Equations Using Bernoulli Polynomials. Fractal and Fractional, 2021, 5, 219.	1.6	5
8	Legendre wavelet collocation method combined with the Gaussâ€“Jacobi quadrature for solving fractional delay-type integro-differential equations. Applied Numerical Mathematics, 2020, 149, 99-112.	1.2	21
9	Application of Bernoulli Polynomials for Solving Variable-Order Fractional Optimal Control-Affine Problems. Axioms, 2020, 9, 114.	0.9	6
10	Numerical solution of multi-variable order fractional integro-differential equations using the Bernstein polynomials. Engineering With Computers, 2020, , 1.	3.5	19
11	Operational matrix for Atanganaâ€“Baleanu derivative based on Genocchi polynomials for solving FDEs. Chaos, Solitons and Fractals, 2020, 135, 109736.	2.5	49
12	A new approach for solving integro-differential equations of variable order. Journal of Computational and Applied Mathematics, 2020, 379, 112946.	1.1	46
13	A numerical approach for solving fractional optimal control problems using modified hat functions. Communications in Nonlinear Science and Numerical Simulation, 2019, 78, 104849.	1.7	41
14	A Numerical Method Based on the Jacobi Polynomials to Reconstruct an Unknown Source Term in a Time Fractional Diffusion-wave Equation. Taiwanese Journal of Mathematics, 2019, 23, .	0.2	0
15	Convergence Analysis of Spectral Method for Neutral Multi-pantograph Equations. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2261-2268.	0.7	2
16	Numerical solution of nonlinear fractional integro-differential equations with weakly singular kernels via a modification of hat functions. Applied Mathematics and Computation, 2018, 327, 79-92.	1.4	26
17	Numerical solution of a third-kind Volterra integral equation using an operational matrix technique. , 2018, , .		6
18	An effective numerical method for solving fractional pantograph differential equations using modification of hat functions. Applied Numerical Mathematics, 2018, 131, 174-189.	1.2	39

#	Article	IF	Citations
19	Numerical Solution of Multi-Order Fractional Differential Equations Using Generalized Sine-Cosine Wavelets. Universal Journal of Mathematics and Applications, 2018, 1, 215-225.	0.2	1
20	An Efficient Operational Matrix Method for Solving a Class of Two-Dimensional Singular Volterra Integral Equations. Journal of Mathematical Sciences and Modelling, 2018, 1, 192-201.	0.2	0
21	Application of the hybrid functions to solve neutral delay functional differential equations. International Journal of Computer Mathematics, 2017, 94, 503-514.	1.0	8
22	A fast numerical algorithm based on the second kind Chebyshev polynomials for fractional integro-differential equations with weakly singular kernels. Journal of Computational and Applied Mathematics, 2016, 308, 231-242.	1.1	40
23	Matrix method based on the second kind Chebyshev polynomials for solving time fractional diffusion-wave equations. Journal of Applied Mathematics and Computing, 2016, 51, 189-207.	1.2	5
24	Numerical solution of Volterraâ€“Fredholm integral equations using Legendre collocation method. Journal of Computational and Applied Mathematics, 2015, 278, 29-36.	1.1	47
25	Numerical solution of a class of two-dimensional nonlinear Volterra integral equations using Legendre polynomials. Journal of Computational and Applied Mathematics, 2013, 242, 53-69.	1.1	99
26	LEGENDRE EXPANSION METHODS FOR THE NUMERICAL SOLUTION OF NONLINEAR 2D FREDHOLM INTEGRAL EQUATIONS OF THE SECOND KIND. Journal of Applied Mathematics & Informatics, 2013, 31, 609-621.	0.1	17
27	Numerical solution of two-dimensional integral-algebraic systems using Legendre functions. , 2012, , .		0