

# Mohammad Hossein Heydari

## List of Publications by Year in descending order

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135  
papers

3,246  
citations

126907

33  
h-index

206112

48  
g-index

135  
all docs

135  
docs citations

135  
times ranked

1042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Legendre wavelets method for solving fractional partial differential equations with Dirichlet boundary conditions. <i>Applied Mathematics and Computation</i> , 2014, 234, 267-276.	2.2	105
2	Wavelets method for solving systems of nonlinear singular fractional Volterra integro-differential equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 37-48.	3.3	105
3	Principal component analysis to study the relations between the spread rates of COVID-19 in high risks countries. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 457-464.	6.4	104
4	Wavelets method for solving fractional optimal control problems. <i>Applied Mathematics and Computation</i> , 2016, 286, 139-154.	2.2	92
5	Wavelets method for the time fractional diffusion-wave equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 71-76.	2.1	91
6	A meshless method for solving two-dimensional variable-order time fractional advection-diffusion equation. <i>Journal of Computational Physics</i> , 2017, 340, 655-669.	3.8	84
7	A new approach of the Chebyshev wavelets method for partial differential equations with boundary conditions of the telegraph type. <i>Applied Mathematical Modelling</i> , 2014, 38, 1597-1606.	4.2	79
8	A computational method for solving stochastic Itô-Volterra integral equations based on stochastic operational matrix for generalized hat basis functions. <i>Journal of Computational Physics</i> , 2014, 270, 402-415.	3.8	75
9	Two-dimensional Legendre wavelets for solving fractional Poisson equation with Dirichlet boundary conditions. <i>Engineering Analysis With Boundary Elements</i> , 2013, 37, 1331-1338.	3.7	70
10	Chebyshev cardinal wavelets and their application in solving nonlinear stochastic differential equations with fractional Brownian motion. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 64, 98-121.	3.3	64
11	A new Wavelet Method for Variable-Order Fractional Optimal Control Problems. <i>Asian Journal of Control</i> , 2018, 20, 1804-1817.	3.0	64
12	A new direct method based on the Chebyshev cardinal functions for variable-order fractional optimal control problems. <i>Journal of the Franklin Institute</i> , 2018, 355, 4970-4995.	3.4	60
13	A cardinal approach for nonlinear variable-order time fractional Schrödinger equation defined by Atangana-Baleanu-Caputo derivative. <i>Chaos, Solitons and Fractals</i> , 2019, 128, 339-348.	5.1	59
14	A wavelet approach for solving multi-term variable-order time fractional diffusion-wave equation. <i>Applied Mathematics and Computation</i> , 2019, 341, 215-228.	2.2	57
15	Modeling and forecasting the spread and death rate of coronavirus (COVID-19) in the world using time series models. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110151.	5.1	57
16	An efficient computational method for solving nonlinear stochastic Itô integral equations: Application for stochastic problems in physics. <i>Journal of Computational Physics</i> , 2015, 283, 148-168.	3.8	51
17	A computational method for solving variable-order fractional nonlinear diffusion-wave equation. <i>Applied Mathematics and Computation</i> , 2019, 352, 235-248.	2.2	51
18	A meshless method for solving the time fractional advection-diffusion equation with variable coefficients. <i>Computers and Mathematics With Applications</i> , 2018, 75, 122-133.	2.7	50

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19	Chebyshev cardinal wavelets for nonlinear stochastic differential equations driven with variable-order fractional Brownian motion. <i>Chaos, Solitons and Fractals</i> , 2019, 124, 105-124.	5.1	50
20	Legendre wavelets optimization method for variable-order fractional Poisson equation. <i>Chaos, Solitons and Fractals</i> , 2018, 112, 180-190.	5.1	49
21	A computational wavelet method for variable-order fractional model of dual phase lag bioheat equation. <i>Journal of Computational Physics</i> , 2019, 395, 1-18.	3.8	44
22	A meshfree approach for solving 2D variable-order fractional nonlinear diffusion-wave equation. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 350, 154-168.	6.6	42
23	A comprehensive numerical study of space-time fractional bioheat equation using fractional-order Legendre functions. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	41
24	Meshfree moving least squares method for nonlinear variable-order time fractional 2D telegraph equation involving Mittag-Leffler non-singular kernel. <i>Chaos, Solitons and Fractals</i> , 2019, 127, 389-399.	5.1	41
25	Two-Dimensional Legendre Wavelets for Solving Time-Fractional Telegraph Equation. <i>Advances in Applied Mathematics and Mechanics</i> , 2014, 6, 247-260.	1.2	40
26	Legendre wavelets Galerkin method for solving nonlinear stochastic integral equations. <i>Nonlinear Dynamics</i> , 2016, 85, 1185-1202.	5.2	40
27	A new method to compare the spectral densities of two independent periodically correlated time series. <i>Mathematics and Computers in Simulation</i> , 2019, 160, 103-110.	4.4	40
28	Chebyshev cardinal functions for a new class of nonlinear optimal control problems generated by Atangana-Baleanu-Caputo variable-order fractional derivative. <i>Chaos, Solitons and Fractals</i> , 2020, 130, 109401.	5.1	40
29	Chebyshev polynomials for generalized Couette flow of fractional Jeffrey nanofluid subjected to several thermochemical effects. <i>Engineering With Computers</i> , 2021, 37, 579-595.	6.1	39
30	Wavelets Galerkin method for solving stochastic heat equation. <i>International Journal of Computer Mathematics</i> , 2016, 93, 1579-1596.	1.8	38
31	Wavelet Collocation Method for Solving Multiorder Fractional Differential Equations. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-19.	0.9	37
32	An operational matrix method for solving variable-order fractional biharmonic equation. <i>Computational and Applied Mathematics</i> , 2018, 37, 4397-4411.	1.3	37
33	Legendre wavelets for the numerical solution of nonlinear variable-order time fractional 2D reaction-diffusion equation involving Mittag-Leffler non-singular kernel. <i>Chaos, Solitons and Fractals</i> , 2019, 127, 400-407.	5.1	37
34	Testing the difference between spectral densities of two independent periodically correlated (cyclostationary) time series models. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 2320-2328.	1.0	37
35	On the asymptotic distribution for the periodograms of almost periodically correlated (cyclostationary) processes. , 2018, 81, 186-197.		36
36	An efficient computational method for solving fractional biharmonic equation. <i>Computers and Mathematics With Applications</i> , 2014, 68, 269-287.	2.7	35

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37	Numerical solution of nonlinear 2D optimal control problems generated by Atangana-Riemann-Liouville fractal-fractional derivative. <i>Applied Numerical Mathematics</i> , 2020, 150, 507-518.	2.1	35
38	Numerical solution of fractional sub-diffusion and time-fractional diffusion-wave equations via fractional-order Legendre functions. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	34
39	Two-Dimensional Legendre Wavelets for Solving Variable-Order Fractional Nonlinear Advection-Diffusion Equation with Variable Coefficients. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2018, 19, 793-802.	1.0	34
40	A wavelet method to solve nonlinear variable-order time fractional 2D Klein-Gordon equation. <i>Computers and Mathematics With Applications</i> , 2019, 78, 3713-3730.	2.7	31
41	A fractional viscoelastic model for vibrational analysis of thin plate excited by supports movement. <i>Mechanics Research Communications</i> , 2020, 110, 103618.	1.8	31
42	A direct method based on the Chebyshev polynomials for a new class of nonlinear variable-order fractional 2D optimal control problems. <i>Journal of the Franklin Institute</i> , 2019, 356, 8216-8236.	3.4	30
43	Goodness of fit test for almost cyclostationary processes. , 2020, 96, 102597.		29
44	Legendre Wavelets Method for Solving Fractional Population Growth Model in a Closed System. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-8.	1.1	27
45	Orthonormal shifted discrete Legendre polynomials for solving a coupled system of nonlinear variable-order time fractional reaction-advection-diffusion equations. <i>Applied Numerical Mathematics</i> , 2021, 161, 425-436.	2.1	26
46	Chebyshev cardinal wavelets for nonlinear variable-order fractional quadratic integral equations. <i>Applied Numerical Mathematics</i> , 2019, 144, 190-203.	2.1	25
47	Numerical treatment of the strongly coupled nonlinear fractal-fractional Schrödinger equations through the shifted Chebyshev cardinal functions. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 2037-2052.	6.4	25
48	An operational matrix method for nonlinear variable-order time fractional reaction-diffusion equation involving Mittag-Leffler kernel. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	25
49	SARS-CoV-2 rate of spread in and across tissue, groundwater and soil: A meshless algorithm for the fractional diffusion equation. <i>Engineering Analysis With Boundary Elements</i> , 2022, 138, 108-117.	3.7	25
50	A wavelet approach for the multi-term time fractional diffusion-wave equation. <i>International Journal of Computer Mathematics</i> , 2019, 96, 640-661.	1.8	24
51	Chebyshev Wavelets Method for Solution of Nonlinear Fractional Integrodifferential Equations in a Large Interval. <i>Advances in Mathematical Physics</i> , 2013, 2013, 1-12.	0.8	23
52	A new variable-order fractional derivative with non-singular Mittag-Leffler kernel: application to variable-order fractional version of the 2D Richard equation. <i>Engineering With Computers</i> , 2020, , 1.	6.1	23
53	Numerical study of unsteady natural convection of variable-order fractional Jeffrey nanofluid over an oscillating plate in a porous medium involved with magnetic, chemical and heat absorption effects using Chebyshev cardinal functions. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	22
54	Piecewise Chebyshev cardinal functions: Application for constrained fractional optimal control problems. <i>Chaos, Solitons and Fractals</i> , 2021, 150, 111118.	5.1	21

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55	An optimization method based on the generalized Lucas polynomials for variable-order space-time fractional mobile-immobile advection-dispersion equation involving derivatives with non-singular kernels. <i>Chaos, Solitons and Fractals</i> , 2020, 132, 109588.	5.1	20
56	Dynamics of respiratory droplets carrying SARS-CoV-2 virus in closed atmosphere. <i>Results in Physics</i> , 2020, 19, 103482.	4.1	20
57	A new operational matrix of fractional order integration for the Chebyshev wavelets and its application for nonlinear fractional Van der Pol oscillator equation. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2018, 128, 1.	0.1	19
58	Legendre wavelets for fractional partial integro-differential viscoelastic equations with weakly singular kernels. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	19
59	An Optimization Wavelet Method for Multi Variable-order Fractional Differential Equations. <i>Fundamenta Informaticae</i> , 2017, 151, 255-273.	0.4	18
60	A computational method for solving two-dimensional nonlinear variable-order fractional optimal control problems. <i>Asian Journal of Control</i> , 2020, 22, 1112-1126.	3.0	18
61	NUMERICAL TREATMENT OF THE SPACE-TIME FRACTAL-FRACTIONAL MODEL OF NONLINEAR ADVECTION-DIFFUSION-REACTION EQUATION THROUGH THE BERNSTEIN POLYNOMIALS. <i>Fractals</i> , 2020, 28, 3.7 2040001.		18
62	New formulation of the orthonormal Bernoulli polynomials for solving the variable-order time fractional coupled Boussinesq-Burger's equations. <i>Engineering With Computers</i> , 2021, 37, 3509-3517.	6.1	17
63	Numerical solution of nonlinear fractal-fractional optimal control problems by Legendre polynomials. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2952-2963.	2.3	17
64	An efficient computational method based on the hat functions for solving fractional optimal control problems. <i>Tbilisi Mathematical Journal</i> , 2016, 9, .	0.3	16
65	Chebyshev polynomials for the numerical solution of fractal-fractional model of nonlinear Ginzburg-Landau equation. <i>Engineering With Computers</i> , 2021, 37, 1377-1388.	6.1	16
66	Numerical study of non-singular variable-order time fractional coupled Burgers' equations by using the Hahn polynomials. <i>Engineering With Computers</i> , 2022, 38, 101-110.	6.1	15
67	Numerical study of the variable-order fractional version of the nonlinear fourth-order 2D diffusion-wave equation via 2D Chebyshev wavelets. <i>Engineering With Computers</i> , 2021, 37, 3319-3328.	6.1	15
68	A cardinal method to solve coupled nonlinear variable-order time fractional sine-Gordon equations. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	14
69	An approximate approach for the generalized variable-order fractional pantograph equation. <i>AJ - Alexandria Engineering Journal</i> , 2020, 59, 2347-2354.	6.4	14
70	A meshless method to solve nonlinear variable-order time fractional 2D reaction-diffusion equation involving Mittag-Leffler kernel. <i>Engineering With Computers</i> , 2021, 37, 731-743.	6.1	14
71	A hybrid method based on the orthogonal Bernoulli polynomials and radial basis functions for variable order fractional reaction-advection-diffusion equation. <i>Engineering Analysis With Boundary Elements</i> , 2021, 127, 18-28.	3.7	14
72	A numerical approach for a class of nonlinear optimal control problems with piecewise fractional derivative. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111465.	5.1	14

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73	A meshless approach for solving nonlinear variable-order time fractional 2D Ginzburg-Landau equation. <i>Engineering Analysis With Boundary Elements</i> , 2020, 120, 166-179.	3.7	13
74	Chebyshevâ€“Gaussâ€“Lobatto collocation method for variable-order time fractional generalized Hirotaâ€“Satsuma coupled KdV system. <i>Engineering With Computers</i> , 2022, 38, 1835-1844.	6.1	13
75	Numerical study of nonlinear 2D optimal control problems with multi-term variable-order fractional derivatives in the Atangana-Baleanu-Caputo sense. <i>Chaos, Solitons and Fractals</i> , 2020, 134, 109695.	5.1	13
76	Fuzzy clustering to classify several regression models with fractional Brownian motion errors. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 2811-2818.	6.4	12
77	THE NUMERICAL TREATMENT OF NONLINEAR FRACTALâ€“FRACTIONAL 2D EMDENâ€“FOWLER EQUATION UTILIZING 2D CHELYSHKOV POLYNOMIALS. <i>Fractals</i> , 2020, 28, 2040042.	3.7	12
78	Orthonormal Bernstein polynomials for solving nonlinear variableâ€“order time fractional fourthâ€“order diffusionâ€“wave equation with nonsingular fractional derivative. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3098-3110.	2.3	12
79	An efficient meshless method based on the moving Kriging interpolation for twoâ€“dimensional variableâ€“order time fractional mobile/immobile advectionâ€“diffusion model. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 3182-3194.	2.3	12
80	Optimal control of hyperthermia thermal damage based on tumor configuration. <i>Results in Physics</i> , 2021, 23, 103992.	4.1	12
81	Numerical solution of variable-order space-time fractional KdVâ€“Burgersâ€“Kuramoto equation by using discrete Legendre polynomials. <i>Engineering With Computers</i> , 2022, 38, 859-869.	6.1	11
82	A computational method for a class of systems of nonlinear variable-order fractional quadratic integral equations. <i>Applied Numerical Mathematics</i> , 2020, 153, 164-178.	2.1	11
83	An efficient wavelet-based approximation method for the coupled nonlinear fractalâ€“fractional 2D SchrA“dinger equations. <i>Engineering With Computers</i> , 2021, 37, 2129.	6.1	11
84	A numerical method based on the Chebyshev cardinal functions for variableâ€“order fractional version of the fourthâ€“order 2D Kuramotoâ€“Sivashinsky equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1831-1842.	2.3	11
85	Vieta-Lucas polynomials for the coupled nonlinear variable-order fractional Ginzburg-Landau equations. <i>Applied Numerical Mathematics</i> , 2021, 165, 442-458.	2.1	11
86	Discrete Chebyshev polynomials for nonsingular variableâ€“order fractional KdV Burgers' equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 2158-2170.	2.3	11
87	Moving Least Squares (MLS) Method for the Nonlinear Hyperbolic Telegraph Equation with Variable Coefficients. <i>International Journal of Computational Methods</i> , 2017, 14, 1750026.	1.3	10
88	An accurate approach based on the orthonormal shifted discrete Legendre polynomials for variable-order fractional Sobolev equation. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	10
89	Wavelets Galerkin Method for the Fractional Subdiffusion Equation. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016, 11, .	1.2	9
90	Wavelets method for solving nonlinear stochastic ItA“-Volterra integral equations. <i>Georgian Mathematical Journal</i> , 2020, 27, 81-95.	0.6	9

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91	Orthonormal shifted discrete Chebyshev polynomials: Application for a fractal-fractional version of the coupled Schrödinger-Boussinesq system. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110570.	5.1	9
92	A meshless technique based on the moving least squares shape functions for nonlinear fractal-fractional advection-diffusion equation. <i>Engineering Analysis With Boundary Elements</i> , 2021, 127, 8-17.	3.7	9
93	A new class of orthonormal basis functions: application for fractional optimal control problems. <i>International Journal of Systems Science</i> , 2022, 53, 240-252.	5.5	9
94	Orthonormal piecewise Bernoulli functions: Application for optimal control problems generated using fractional integro-differential equations. <i>JVC/Journal of Vibration and Control</i> , 2023, 29, 1164-1175.	2.6	9
95	Chebyshev wavelets operational matrices for solving nonlinear variable-order fractional integral equations. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	8
96	Vieta-Fibonacci wavelets: Application in solving fractional pantograph equations. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 411-422.	2.3	8
97	A hybrid method for solving time fractional advection-diffusion equation on unbounded space domain. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	8
98	Orthonormal shifted discrete Legendre polynomials for the variable-order fractional extended Fisher-Kolmogorov equation. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111729.	5.1	8
99	An Efficient Method for the Numerical Solution of a Class of Nonlinear Fractional Fredholm Integro-Differential Equations. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2018, 19, 165-173.	1.0	7
100	A direct computational method for nonlinear variable-order fractional delay optimal control problems. <i>Asian Journal of Control</i> , 2021, 23, 2709-2718.	3.0	7
101	A Meshless Solution for the Variable-Order Time Fractional Nonlinear Klein-Gordon Equation. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	7
102	A numerical method for variable-order fractional version of the coupled 2D Burgers equations by the 2D Chebyshev polynomials. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6482-6499.	2.3	7
103	Highly accurate solutions for space-time fractional Schrödinger equations with non-smooth continuous solution using the hybrid clique functions. <i>Mathematical Sciences</i> , 2023, 17, 31-42.	1.7	7
104	Extended Chebyshev cardinal wavelets for nonlinear fractional delay optimal control problems. <i>International Journal of Systems Science</i> , 2022, 53, 1048-1067.	5.5	7
105	A hybrid approach established upon the Müntz-Legendre functions and 2D Müntz-Legendre wavelets for fractional Sobolev equation. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 5304-5320.	2.3	7
106	A numerical method for nonlinear fractional reaction-advection-diffusion equation with piecewise fractional derivative. <i>Mathematical Sciences</i> , 2023, 17, 169-181.	1.7	7
107	A new wavelet method for solving the Helmholtz equation with complex solution. <i>Numerical Methods for Partial Differential Equations</i> , 2016, 32, 741-756.	3.6	6
108	Jacobi spectral method for variable-order fractional Benney-Lin equation arising in falling film problems. <i>Journal of Computational and Applied Mathematics</i> , 2022, 402, 113813.	2.0	6

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109	Application of the extended Chebyshev cardinal wavelets in solving fractional optimal control problems with ABC fractional derivative. <i>International Journal of Systems Science</i> , 2022, 53, 2694-2708.	5.5	6
110	Chebyshev cardinal functions for a new class of nonlinear optimal control problems with dynamical systems of weakly singular variable-order fractional integral equations. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 713-723.	2.6	5
111	Taylor's series expansion method for nonlinear variable-order fractional 2D optimal control problems. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 4737-4743.	6.4	5
112	A wavelet method for nonlinear variable-order time fractional 2D Schrödinger equation. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, 14, 2273.	1.1	5
113	Jacobi-Gauss-Lobatto collocation approach for non-singular variable-order time fractional generalized Kuramoto-Sivashinsky equation. <i>Engineering With Computers</i> , 0, , 1.	6.1	5
114	A wavelet approach for the variable-order fractional model of ultra-short pulsed laser therapy. <i>Engineering With Computers</i> , 0, , 1.	6.1	5
115	Numerical investigation of variable-order fractional Benjamin-Bona-Mahony-Burgers equation using a pseudo-spectral method. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 8669-8683.	2.3	5
116	Orthonormal Bernoulli polynomials for space-time fractal-fractional modified Benjamin-Bona-Mahony type equations. <i>Engineering With Computers</i> , 2022, 38, 3483-3496.	6.1	5
117	A reliable algorithm to determine the pollution transport within underground reservoirs: implementation of an efficient collocation meshless method based on the moving Kriging interpolation. <i>Engineering With Computers</i> , 0, , 1.	6.1	4
118	Third-kind Chebyshev cardinal functions for variable-order time fractional RLW-Burgers equation. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 5670-5681.	2.3	4
119	An efficient iterative approach for three-dimensional modified anomalous fractional sub-diffusion equations on a large domain. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	3
120	Wilson wavelets method for solving nonlinear fractional Fredholm-Hammerstein integro-differential equations. <i>International Journal of Computer Mathematics</i> , 2020, 97, 2165-2177.	1.8	3
121	Fibonacci polynomials for the numerical solution of variable-order space-time fractional Burgers-Huxley equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6774-6786.	2.3	3
122	Shifted Jacobi polynomials for nonlinear singular variable-order time fractional Emden-Fowler equation generated by derivative with non-singular kernel. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	3
123	An optimization method based on the Legendre wavelets for 3D rotating, squeezing and stretching magnetohydrodynamic flow in a channel with porous wall. <i>Engineering With Computers</i> , 2022, 38, 2583-2592.	6.1	3
124	A New Optimization Method Based on Generalized Polynomials for Fractional Differential Equations. <i>Fundamenta Informaticae</i> , 2017, 151, 443-457.	0.4	2
125	Two reliable computational methods pertaining to steady state substrate concentration of an immobilized enzyme system. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 2377-2385.	6.4	2
126	Shifted Vieta-Fibonacci polynomials for the fractal-fractional fifth-order KdV equation. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6716-6730.	2.3	2



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127	Orthonormal shifted discrete Hahn polynomials for a new category of nonlinear variable-order fractional 2D optimal control problems. Asian Journal of Control, 0, , .	3.0	2
128	A hybrid wavelet-meshless method for variable-order fractional regularized long-wave equation. Engineering Analysis With Boundary Elements, 2022, 142, 61-70.	3.7	2
129	A hybrid method for variable-order fractional 2D optimal control problems on an unbounded domain. Engineering With Computers, 0, , 1.	6.1	1
130	An efficient wavelet method for nonlinear problems arising in heat transfer. Engineering With Computers, 0, , 1.	6.1	1
131	AN APPLICATION OF WILSON SYSTEM IN NUMERICAL SOLUTION OF FREDHOLM INTEGRAL EQUATIONS. Poincare Journal of Analysis and Applications, 2017, 04, 61-72.	0.2	1
132	Clustering of Infected Patients by COVID-19 Using Self-Organized Mapping and Extracting the Most Important Clinical Features. , 2020, , .		1
133	An optimal variational iteration method for investigating the physical behavior of quasi-steady squeezing flow confined between parallel rigid walls. Physica Scripta, 2021, 96, 114012.	2.5	0
134	Reliable approach of iterative method for nonlinear fractional differential equations. International Journal of Physical Sciences, 2011, 6, .	0.4	0
135	Second Kind Chebyshev Wavelets for Solving the Variable-Order Space-Time Fractional Telegraph Equation. , 2020, , 63-85.		0