Xiao-Jun Yang

List of Publications by Year
in descending order

200	6,499	71102	88630
papers	citations	41 h-index	70 g-index

215	215	215	2245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fractal heat conduction problem solved by local fractional variation iteration method. Thermal Science, 2013, 17, 625-628.	1.1	233
2	Exact travelling wave solutions for the local fractional two-dimensional Burgers-type equations. Computers and Mathematics With Applications, 2017, 73, 203-210.	2.7	225
3	A new fractional derivative without singular kernel: Application to the modelling of the steady heat flow. Thermal Science, 2016, 20, 753-756.	1.1	197
4	A new fractional operator of variable order: Application in the description of anomalous diffusion. Physica A: Statistical Mechanics and Its Applications, 2017, 481, 276-283.	2.6	196
5	A new computational approach for solving nonlinear local fractional PDEs. Journal of Computational and Applied Mathematics, 2018, 339, 285-296.	2.0	184
6	On exact traveling-wave solutions for local fractional Korteweg-de Vries equation. Chaos, 2016, 26, 084312.	2.5	165
7	EXACT TRAVELING-WAVE SOLUTION FOR LOCAL FRACTIONAL BOUSSINESQ EQUATION IN FRACTAL DOMAIN. Fractals, 2017, 25, 1740006.	3.7	165
8	Identification of Green, Oolong and Black Teas in China via Wavelet Packet Entropy and Fuzzy Support Vector Machine. Entropy, 2015, 17, 6663-6682.	2.2	142
9	Cantor-type cylindrical-coordinate method for differential equations with local fractional derivatives. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1696-1700.	2.1	134
10	On a fractal LC-electric circuit modeled by local fractional calculus. Communications in Nonlinear Science and Numerical Simulation, 2017, 47, 200-206.	3.3	133
11	A new integral transform operator for solving the heat-diffusion problem. Applied Mathematics Letters, 2017, 64, 193-197.	2.7	128
12	A new general fractional-order derivataive with Rabotnov fractional-exponential kernel applied to model the anomalous heat transfer. Thermal Science, 2019, 23, 1677-1681.	1.1	119
13	Fractional derivatives of constant and variable orders applied to anomalous relaxation models in heat transfer problems. Thermal Science, 2017, 21, 1161-1171.	1.1	117
14	Local fractional similarity solution for the diffusion equation defined on Cantor sets. Applied Mathematics Letters, 2015, 47, 54-60.	2.7	115
15	A new numerical technique for solving the local fractional diffusion equation: Two-dimensional extended differential transform approach. Applied Mathematics and Computation, 2016, 274, 143-151.	2.2	106
16	A new fractional derivative involving the normalized sinc function without singular kernel. European Physical Journal: Special Topics, 2017, 226, 3567-3575.	2.6	100
17	A new fractal nonlinear Burgers' equation arising in the acoustic signals propagation. Mathematical Methods in the Applied Sciences, 2019, 42, 7539-7544.	2.3	99
18	Local Fractional Homotopy Perturbation Method for Solving Non-Homogeneous Heat Conduction Equations in Fractal Domains. Entropy, 2015, 17, 6753-6764.	2.2	91

#	Article	IF	Citations
19	A new technology for solving diffusion and heat equations. Thermal Science, 2017, 21, 133-140.	1.1	91
20	Fundamental solutions of anomalous diffusion equations with the decay exponential kernel. Mathematical Methods in the Applied Sciences, 2019, 42, 4054-4060.	2.3	87
21	Tea Category Identification Using a Novel Fractional Fourier Entropy and Jaya Algorithm. Entropy, 2016, 18, 77.	2.2	86
22	Fundamental solutions of the general fractionalâ€order diffusion equations. Mathematical Methods in the Applied Sciences, 2018, 41, 9312-9320.	2.3	84
23	Pathological Brain Detection by a Novel Image Featureâ€”Fractional Fourier Entropy. Entropy, 2015, 17, 8278-8296.	2.2	79
24	A new integral transform method for solving steady heat-transfer problem. Thermal Science, 2016, 20, 639-642.	1.1	75
25	An asymptotic perturbation solution for a linear oscillator of free damped vibrations in fractal medium described by local fractional derivatives. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 499-504.	3.3	70
26	Nonlinear dynamics for local fractional Burgersâ€™ equation arising in fractal flow. Nonlinear Dynamics, 2016, 84, 3-7.	5.2	70
27	On integrability of the time fractional nonlinear heat conduction equation. Journal of Geometry and Physics, 2019, 144, 190-198.	1.4	65
28	Fractal boundary value problems for integral and differential equations with local fractional operators. Thermal Science, 2015, 19, 959-966.	1.1	62
29	Fractional Dynamics. , 2015, , .		61
30	Pathological brain detection in MRI scanning by wavelet packet Tsallis entropy and fuzzy support vector machine. SpringerPlus, 2015, 4, 716.	1.2	60
31	A New Family of the Local Fractional PDEs. Fundamenta Informaticae, 2017, 151, 63-75.	0.4	56
32	NON-DIFFERENTIABLE EXACT SOLUTIONS FOR THE NONLINEAR ODES DEFINED ON FRACTAL SETS. Fractals, 2017, 25, 1740002.	3.7	56
33	Local Fractional Variational Iteration and Decomposition Methods for Wave Equation on Cantor Sets within Local Fractional Operators. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	53
34	Residual power series method for time-fractional SchrÃ¶dinger equations. Journal of Nonlinear Science and Applications, 2016, 09, 5821-5829.	1.0	53
35	Fractional Maxwell fluid with fractional derivative without singular kernel. Thermal Science, 2016, 20, 871-877.	1.1	50
36	Local Fractional Sumudu Transform with Application to IVPs on Cantor Sets. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.7	49

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37	On group analysis of the time fractional extended (2+1)-dimensional Zakharovâ€“Kuznetsov equation in quantum magneto-plasmas. Mathematics and Computers in Simulation, 2020, 178, 407-421.	4.4	46
38	Local Fractional Fourier Series with Application to Wave Equation in Fractal Vibrating String. Abstract and Applied Analysis, 2012, 2012, 1-15.	0.7	45
39	Local Fractional Series Expansion Method for Solving Wave and Diffusion Equations on Cantor Sets. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.7	45
40	On unsteady two-dimensional and axisymmetric squeezing flow between parallel plates. AEJ - Alexandria Engineering Journal, 2014, 53, 463-468.	6.4	45
41	A FRACTAL PERSPECTIVE ON FRACTURE INITIATION AND PROPAGATION OF RESERVOIR ROCKS UNDER WATER AND NITROGEN FRACTURING. Fractals, 2021, 29, .	3.7	45
42	Mathematical aspects of the Heisenberg uncertainty principle within local fractional Fourier analysis. Boundary Value Problems, 2013, 2013, .	0.7	44
43	Fractional complex transform method for wave equations on Cantor sets within local fractional differential operator. Advances in Difference Equations, 2013, 2013, .	3.5	43
44	On integrability of the higher dimensional time fractional KdV-type equation. Journal of Geometry and Physics, 2021, 160, 104000.	1.4	43
45	On fractional symmetry group scheme to the higher-dimensional space and time fractional dissipative Burgers equation. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	2.0	40
46	Damped wave equation and dissipative wave equation in fractal strings within the local fractional variational iteration method. Fixed Point Theory and Applications, 2013, 2013, .	1.1	39
47	Systems of Navier-Stokes Equations on Cantor Sets. Mathematical Problems in Engineering, 2013, 2013, 1-8.	1.1	39
48	A new integral transform with an application in heat-transfer problem. Thermal Science, 2016, 20, 677-681.	1.1	38
49	Helmholtz and Diffusion Equations Associated with Local Fractional Derivative Operators Involving the Cantorian and Cantor-Type Cylindrical Coordinates. Advances in Mathematical Physics, 2013, 2013, 1-5.	0.8	36
50	Analysis of Fractal Wave Equations by Local Fractional Fourier Series Method. Advances in Mathematical Physics, 2013, 2013, 1-6.	0.8	36
51	New integral transforms for solving a steady heat transfer problem. Thermal Science, 2017, 21, 79-87.	1.1	36
52	A new fractional Nishihara-type model with creep damage considering thermal effect. Engineering Fracture Mechanics, 2021, 242, 107451.	4.3	35
53	An efficient computational technique for local fractional heat conduction equations in fractal media. Journal of Nonlinear Science and Applications, 2017, 10, 1478-1486.	1.0	35
54	Optimal q-homotopy analysis method for time-space fractional gas dynamics equation. European Physical Journal Plus, 2017, 132, 1.	2.6	34

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55	On the generalized time fractional diffusion equation: Symmetry analysis, conservation laws, optimal system and exact solutions. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050013.	2.0	33
56	General fractional-order anomalous diffusion with non-singular power-law kernel. Thermal Science, 2017, 21, 1-9.	1.1	32
57	On the (N+1)â€dimensional local fractional reduced differential transform method and its applications. Mathematical Methods in the Applied Sciences, 2020, 43, 8856-8866.	2.3	31
58	Application of the Local Fractional Series Expansion Method and the Variational Iteration Method to the Helmholtz Equation Involving Local Fractional Derivative Operators. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	30
59	Maxwellâ€™s Equations on Cantor Sets: A Local Fractional Approach. Advances in High Energy Physics, 2013, 2013, 1-6.	1.1	30
60	EXACT TRAVELING-WAVE SOLUTIONS FOR ONE-DIMENSIONAL MODIFIED KORTEWEGâ€“DE VRIES EQUATION DEFINED ON CANTOR SETS. Fractals, 2019, 27, 1940010.	3.7	30
61	Application of Local Fractional Series Expansion Method to Solve Klein-Gordon Equations on Cantor Sets. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	28
62	A new numerical technique for local fractional diffusion equation in fractal heat transfer. Journal of Nonlinear Science and Applications, 2016, 09, 5621-5628.	1.0	28
63	New general calculi with respect to another functions applied to describe the Newton-like dashpot models in anomalous viscoelasticity. Thermal Science, 2019, 23, 3751-3757.	1.1	28
64	A Local Fractional Variational Iteration Method for Laplace Equation within Local Fractional Operators. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	27
65	Approximation Solutions for Local Fractional SchrÃ¶dinger Equation in the One-Dimensional Cantorian System. Advances in Mathematical Physics, 2013, 2013, 1-5.	0.8	27
66	Numerical simulation of spatial distributions of mining-induced stress and fracture fields for three coal mining layouts. Journal of Rock Mechanics and Geotechnical Engineering, 2018, 10, 907-913.	8.1	27
67	Abound rogue wave type solutions to the extended (3+1)-dimensional Jimboâ€“Miwa equation. Computers and Mathematics With Applications, 2019, 78, 1947-1959.	2.7	27
68	On overall behavior of Maxwell mechanical model by the combined Caputo fractional derivative. Chinese Journal of Physics, 2020, 66, 269-276.	3.9	27
69	A new technique for solving the 1-D burgers equation. Thermal Science, 2017, 21, 129-136.	1.1	27
70	One-Phase Problems for Discontinuous Heat Transfer in Fractal Media. Mathematical Problems in Engineering, 2013, 2013, 1-3.	1.1	26
71	A new insight into complexity from the local fractional calculus view point: modelling growths of populations. Mathematical Methods in the Applied Sciences, 2017, 40, 6070-6075.	2.3	26
72	On integrability of the extended (3+1)â€dimensional Jimboâ€Miwa equation. Mathematical Methods in the Applied Sciences, 2020, 43, 1646-1659.	2.3	26

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73	Group analysis to the time fractional nonlinear wave equation. International Journal of Mathematics, 2020, 31, 2050029.	0.5	26
74	New non-conventional methods for quantitative concepts of anomalous rheology. Thermal Science, 2019, 23, 4117-4127.	1.1	26
75	Adomian decomposition method for three-dimensional diffusion model in fractal heat transfer involving local fractional derivatives. Thermal Science, 2015, 19, 137-141.	1.1	25
76	Modelling Fractal Waves on Shallow Water Surfaces via Local Fractional Korteweg-de Vries Equation. Abstract and Applied Analysis, 2014, 2014, 1-10.	0.7	24
77	A NEW PERSPECTIVE TO STUDY THE THIRD-ORDER MODIFIED KDV EQUATION ON FRACTAL SET. Fractals, 2020, 28, 2050110.	3.7	24
78	General fractional calculus operators containing the generalized Mittag-Leffler functions applied to anomalous relaxation. Thermal Science, 2017, 21, 317-326.	1.1	24
79	A new general fractional-order derivative with Rabotnov fractional-exponential kernel. Thermal Science, 2019, 23, 3711-3718.	1.1	24
80	On a Local Fractional Wave Equation under Fixed Entropy Arising in Fractal Hydrodynamics. Entropy, 2014, 16, 6254-6262.	2.2	23
81	Characteristic of the algebraic traveling wave solutions for two extended (2 + 1)-dimensional Kadomtsevâ€“Petviashvili equations. Modern Physics Letters A, 2020, 35, 2050028.	1.2	23
82	New mathematical models in anomalous viscoelasticity from the derivative with respect to another function view point. Thermal Science, 2019, 23, 1555-1561.	1.1	23
83	An efficient analytical method for solving local fractional nonlinear PDEs arising in mathematical physics. Applied Mathematical Modelling, 2016, 40, 1793-1799.	4.2	21
84	A new fractional nonlocal model and its application in free vibration of Timoshenko and Euler-Bernoulli beams. European Physical Journal Plus, 2017, 132, 1.	2.6	21
85	Analytical solutions of some integral fractional differentialâ€“difference equations. Modern Physics Letters B, 2020, 34, 2050009.	1.9	21
86	New fractional derivative with sigmoid function as the kernel and its models. Chinese Journal of Physics, 2020, 68, 533-541.	3.9	21
87	GROUP ANALYSIS OF THE TIME FRACTIONAL (3 + 1)-DIMENSIONAL KDV-TYPE EQUATION. Fractals, 2021, 29, 2150169.	3.7	21
88	A coupling method involving the Sumudu transform and the variational iteration method for a class of local fractional diffusion equations. Journal of Nonlinear Science and Applications, 2016, 09, 5830-5835.	1.0	21
89	Theory and Applications of Special Functions for Scientists and Engineers. , 2021, , .		21
90	On Local Fractional Continuous Wavelet Transform. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.7	19

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91	General derivatives. , 2020, , 385-397.		19
92	Exact traveling-wave solutions for linear and nonlinear heat-transfer equations. Thermal Science, 2017, 21, 2307-2311.	1.1	19
93	Some new applications for heat and fluid flows via fractional derivatives without singular kernel. Thermal Science, 2016, 20, 833-839.	1.1	19
94	1-D heat conduction in a fractal medium: A solution by the local fractional Fourier series method. Thermal Science, 2013, 17, 953-956.	1.1	18
95	Exact Travelling Wave Solutions for Local Fractional Partial Differential Equations in Mathematical Physics. Advances in Dynamics, Patterns, Cognition, 2019, , 175-191.	0.3	18
96	Resonant multiple wave solutions to some integrable soliton equations*. Chinese Physics B, 2019, 28, 110202.	1.4	18
97	Fractal analysis for heat extraction in geothermal system. Thermal Science, 2017, 21, 25-31.	1.1	18
98	A Novel Approach to Processing Fractal Signals Using the Yang-Fourier Transforms. Procedia Engineering, 2012, 29, 2950-2954.	1.2	17
99	Local Fractional Laplace Variational Iteration Method for Solving Linear Partial Differential Equations with Local Fractional Derivative. Discrete Dynamics in Nature and Society, 2014, 2014, 1-8.	0.9	17
100	Linear and non-linear free vibration of nano beams based on a new fractional non-local theory. Engineering Computations, 2017, 34, 1754-1770.	1.4	17
101	On the approximate solution of nonlinear time-fractional KdV equation via modified homotopy analysis Laplace transform method. Journal of Nonlinear Science and Applications, 2016, 09, 5463-5470.	1.0	17
102	Exact traveling wave solutions for a new nonlinear heat transfer equation. Thermal Science, 2017, 21, 1833-1838.	1.1	17
103	An anomalous diffusion model based on a new general fractional operator with the Mittag-Leffler function of Wiman type. Advances in Difference Equations, 2018, 2018, .	3.5	16
104	Applications of a novel integral transform to partial differential equations. Journal of Nonlinear Science and Applications, 2017, 10, 528-534.	1.0	16
105	On traveling-wave solutions for the scaling-law telegraph equations. Thermal Science, 2020, 24, 3861-3868.	1.1	16
106	Fundamental results to the weighted Caputo-type differential operator. Applied Mathematics Letters, 2021, 121, 107421.	2.7	15
107	A New Neumann Series Method for Solving a Family of Local Fractional Fredholm and Volterra Integral Equations. Mathematical Problems in Engineering, 2013, 2013, 1-6.	1.1	14
108	On the local fractional LWR model in fractal traffic flows in the entropy condition. Mathematical Methods in the Applied Sciences, 2017, 40, 6127-6132.	2.3	14

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109	Non-differentiable Solutions for Local Fractional Nonlinear Riccati Differential Equations. Fundamenta Informaticae, 2017, 151, 409-417.	0.4	14
110	On a Hadamard-type fractional turbulent flow model with deviating arguments in a porous medium. Nonlinear Analysis: Modelling and Control, 2017, 22, 765-784.	1.6	14
111	On the fractal heat transfer problems with local fractional calculus. Thermal Science, 2015, 19, 1867-1871.	1.1	14
112	Towards new general double integral transform and its applications to differential equations. Mathematical Methods in the Applied Sciences, 2022, 45, 1916-1933.	2.3	14
113	On the theory of the fractal scaling-law elasticity. Meccanica, 2022, 57, 943-955.	2.0	13
114	Fundamental analysis of the time fractional coupled Burgers-type equations. Journal of Geometry and Physics, 2021, 169, 104334.	1.4	13
115	On local fractional Volterra integro-differential equations in fractal steady heat transfer. Thermal Science, 2016, 20, 789-793.	1.1	13
116	On linear viscoelasticity within general fractional derivatives without singular kernel. Thermal Science, 2017, 21, 335-342.	1.1	13
117	The vector power-law calculus with applications in power-law fluid flow. Thermal Science, 2020, 24, 4289-4302.	1.1	13
118	Observing diffusion problems defined on cantor sets in different coordinate systems. Thermal Science, 2015, 19, 151-156.	1.1	12
119	On local fractional operators View of computational complexity: Diffusion and relaxation defined on cantor sets. Thermal Science, 2016, 20, 755-767.	1.1	12
120	A new insight to the scaling-law fluid associated with the Mandelbrot scaling law. Thermal Science, 2021, 25, 4561-4568.	1.1	12
121	Local Fractional Poisson and Laplace Equations with Applications to Electrostatics in Fractal Domain. Advances in Mathematical Physics, 2014, 2014, 1-5.	0.8	11
122	Local Fractional Fourier Series Solutions for Nonhomogeneous Heat Equations Arising in Fractal Heat Flow with Local Fractional Derivative. Advances in Mechanical Engineering, 2014, 6, 514639.	1.6	11
123	Editorial: Modern Fractional Dynamic Systems and Applications, MFDSA 2017. Journal of Computational and Applied Mathematics, 2018, 339, 1-2.	2.0	11
124	Application of the Local Fractional Fourier Series to Fractal Signals. Advances in Dynamics, Patterns, Cognition, 2014, , 63-89.	0.3	11
125	New insight into the Fourier-like and Darcy-like models in porous medium. Thermal Science, 2020, 24, 3847-3858.	1.1	11
126	AN INSIGHT ON THE FRACTAL POWER LAW FLOW: FROM A HAUSDORFF VECTOR CALCULUS PERSPECTIVE. Fractals, 0, , .	3.7	11

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127	The RC Circuit Described by Local Fractional Differential Equations. Fundamenta Informaticae, 2017, 151, 419-429.	0.4	10
128	Local Fractional Discrete Wavelet Transform for Solving Signals on Cantor Sets. Mathematical Problems in Engineering, 2013, 2013, 1-6.	1.1	9
129	A novel series method for fractional diffusion equation within Caputo fractional derivative. Thermal Science, 2016, 20, 695-699.	1.1	9
130	Local Fractional Newton's Method Derived from Modified Local Fractional Calculus. , 2009, , .		8
131	Analytical Solutions of the One-Dimensional Heat Equations Arising in Fractal Transient Conduction with Local Fractional Derivative. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.7	8
132	Fractal Dynamical Model of Vehicular Traffic Flow within the Local Fractional Conservation Laws. Abstract and Applied Analysis, 2014, 2014, 1-5.	0.7	8
133	Local Fractional Laplace Variational Iteration Method for Nonhomogeneous Heat Equations Arising in Fractal Heat Flow. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	8
134	NEW PERSPECTIVE AIMED AT LOCAL FRACTIONAL ORDER MEMRISTOR MODEL ON CANTOR SETS. Fractals, 2021, 29, 2150011.	3.7	8
135	Local fractional Eulerâ€™s method for the steady heat-conduction problem. Thermal Science, 2016, 20, 735-738.	1.1	8
136	A new insight into vector calculus with respect to monotone functions for the complex fluid-flows. Thermal Science, 2020, 24, 3835-3845.	1.1	8
137	Local Fractional Fourier's Transform Based on the Local Fractional Calculus. , 2010, , .		7
138	Rheological analysis of the general fractional-order viscoelastic model involving the Millerâ€“Ross kernel. Acta Mechanica, 2021, 232, 3141-3148.	2.1	7
139	The vector calculus with respect to monotone functions applied to heat conduction problems. Thermal Science, 2020, 24, 3949-3959.	1.1	7
140	Squeezing Flow of Micropolar Nanofluid between Parallel Disks. Journal of Magnetics, 2016, 21, 476-489.	0.4	7
141	ON THE GENERALIZED WEIGHTED CAPUTO-TYPE DIFFERENTIAL OPERATOR. Fractals, 2022, 30, .	3.7	7
142	Mappings for Special Functions on Cantor Sets and Special Integral Transforms via Local Fractional Operators. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	6
143	Local Fractional Variational Iteration Method for Local Fractional Poisson Equations in Two Independent Variables. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.7	6
144	Squeezing flow of MHD fluid between parallel disks. International Journal for Computational Methods in Engineering Science and Mechanics, 2018, 19, 42-47.	2.1	6

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145	Fractional derivatives with nonsingular kernels. , 2020, , 209-309.		6
146	Numerical solutions and conservation laws of the time fractional coupled WBKâ€type system. Mathematical Methods in the Applied Sciences, 2021, 44, 4105-4116.	2.3	6
147	Raduâ€“MiheÅ£ method for UHML stability for a class of Î¾â€Hilfer fractional differential equations in matrix valued fuzzy Banach spaces. Mathematical Methods in the Applied Sciences, 2021, 44, 14619.	2.3	6
148	Approximate solution of the non-linear diffusion equation of multiple orders. Thermal Science, 2016, 20, 683-687.	1.1	6
149	A variational iteration method integral transform technique for handling heat transfer problems. Thermal Science, 2017, 21, 55-61.	1.1	6
150	Local Fractional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>Z</mml:mi></mml:mrow></mml:math>-Transforms with Applications to Signals on Cantor Sets. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	5
151	Local Fractional Variational Iteration Method for Inhomogeneous Helmholtz Equation within Local Fractional Derivative Operator. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	5
152	Solving Fokker-Planck Equations on Cantor Sets Using Local Fractional Decomposition Method. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	5
153	Anomalous Advection-Dispersion Equations within General Fractional-Order Derivatives: Models and Series Solutions. Entropy, 2018, 20, 78.	2.2	5
154	Initial-Boundary Value Problems for Local Fractional Laplace Equation Arising in Fractal Electrostatics. Journal of Applied Nonlinear Dynamics, 2015, 4, 349-356.	0.3	5
155	TurÃ¡nâ€type inequalities for the supertrigonometric functions. Mathematical Methods in the Applied Sciences, 2022, 45, 3514-3519.	2.3	5
156	Nonâ€classical Lie symmetries for nonlinear timeâ€fractional Heisenberg equations. Mathematical Methods in the Applied Sciences, 2022, 45, 10010-10026.	2.3	5
157	Approximate Solutions for Local Fractional Linear Transport Equations Arising in Fractal Porous Media. Advances in Mathematical Physics, 2014, 2014, 1-8.	0.8	4
158	MHD squeezing flow between two parallel disks with suction or injection via Legendre wavelet-quasilinearization technique. Engineering Computations, 2017, 34, 892-901.	1.4	4
159	A New Viewpoint to Fourier Analysis in Fractal Space. , 2013, , 397-409.		4
160	CHARACTERISTICS OF NEW TYPE ROGUE WAVES AND SOLITARY WAVES TO THE EXTENDED (3+1)-DIMENSIONAL JIMBO-MIWA EQUATION. Journal of Applied Analysis and Computation, 2021, 11, 2722-2735.	0.5	4
161	A new viewpoint on theory of the scaling-law heat conduction process. Thermal Science, 2021, 25, 4505-4513.	1.1	4
162	Special issue on advances in fractional dynamics in mechanical engineering. Advances in Mechanical Engineering, 2016, 8, 168781401665409.	1.6	3

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163	On Linear and Nonlinear Electric Circuits: A Local Fractional Calculus Approach. , 2018, , 329-355.		3
164	General Fractional Calculus with Nonsingular Kernels: New Prospective on Viscoelasticity. Studies in Systems, Decision and Control, 2022, , 135-157.	1.0	3
165	Advanced Analysis of Local Fractional Calculus Applied to the Rice Theory in Fractal Fracture Mechanics. Studies in Systems, Decision and Control, 2022, , 105-133.	1.0	3
166	ANALYSIS OF THE TIME FRACTIONAL NONLINEAR DIFFUSION EQUATION FROM DIFFUSION PROCESS. Journal of Applied Analysis and Computation, 2020, 10, 1060-1072.	0.5	3
167	Generation of discrete integrable systems and some algebro-geometric properties of related discrete lattice equations. Journal of Nonlinear Science and Applications, 2016, 09, 6126-6141.	1.0	3
168	A local fractional derivative with applications to fractal relaxation and diffusion phenomena. Thermal Science, 2016, 20, 723-727.	1.1	3
169	Crack closure and initiation stresses of coal subjected to thermo-gas-mechanical coupling. Thermal Science, 2017, 21, 301-308.	1.1	3
170	The mechanical properties and fractal characteristics of the coal under temperature-gas-confining pressure. Thermal Science, 2019, 23, 789-798.	1.1	3
171	Local Fractional Laplaceâ€™s Transform Based on the Local Fractional Calculus. Communications in Computer and Information Science, 2011, , 391-397.	0.5	2
172	On the Nonlinear PerturbationK(n,m)Rosenau-Hyman Equation: A Model of Nonlinear Scattering Wave. Advances in Mathematical Physics, 2015, 2015, 1-8.	0.8	2
173	On local fractional Volterra integral equations in fractal heat transfer. Thermal Science, 2016, 20, 795-800.	1.1	2
174	The series representations for the J and H functions applied in the heat-diffusion equation. Thermal Science, 2021, 25, 4631-4642.	1.1	2
175	The y function applied in the study of an anomalous diffusion. Thermal Science, 2021, 25, 4465-4475.	1.1	2
176	A new scaling law heat conduction problem associated with the Korcak scaling law. Thermal Science, 2022, 26, 1047-1059.	1.1	2
177	Fractional Dynamics. , 2015, , 1-5.		1
178	Local Fractional Calculus Application to Differential Equations Arising in Fractal Heat Transfer. , 2015, , 272-285.		1
179	Cantor-type spherical-coordinate Method for Differential Equations within Local Fractional Derivatives. , 2015, , 231-242.		1
180	Advances on Integrodifferential Equations and Transforms. Abstract and Applied Analysis, 2015, 2015, 1-2.	0.7	1

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181	Applications of fractional-order viscoelastic models. , 2020, , 399-427.		1
182	Study on the generalized k-Hilferâ€“Prabhakar fractional viscoelasticâ€“plastic model. Mathematics and Mechanics of Solids, 2022, 27, 491-500.	2.4	1
183	Classifications and duality relations for several integral transforms. Journal of Nonlinear Science and Applications, 2017, 10, 324-6332.	1.0	1
184	Exact solutions for the differential equations in fractal heat transfer. Thermal Science, 2016, 20, 747-750.	1.1	1
185	About local fractional three-dimensional compressible Navier-Stokes equations in Cantor-type cylindrical co-ordinate system. Thermal Science, 2016, 20, 847-851.	1.1	1
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