Hassan Kamil Jassim

List of Publications by Year
in descending order

33 papers	735 citations	430874 18 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	268 citing authors

#	Article	IF	Citations
1	Solving fractional PDEs by using Daftardar-Jafari method. AIP Conference Proceedings, 2022, , .	0.4	5
2	ON THE APPROXIMATE SOLUTIONS FOR A SYSTEM OF COUPLED KORTEWEGâ€"DE VRIES EQUATIONS WITH LOCAL FRACTIONAL DERIVATIVE. Fractals, 2021, 29, 2140012.	3.7	34
3	A New Analytical Method for Solving NonlinearÂBurgerâ€™s and Coupled Burgerâ€™s Equations. Materials Today: Proceedings, 2021, , .	1.8	0
4	An efficient hybrid technique for the solution of fractional-order partial differential equations. Carpathian Mathematical Publications, 2021, 13, 790-804.	0.8	7
5	Analytical approximate solutions for local fractional wave equations. Mathematical Methods in the Applied Sciences, 2020, 43, 939-947.	2.3	31
6	A Modification Fractional Homotopy Analysis Method for Solving Partial Differential Equations Arising in Mathematical Physics. IOP Conference Series: Materials Science and Engineering, 2020, 928, 042021.	0.6	3
7	A Novel Method for the Analytical Solution of Partial Differential Equations Arising in Mathematical Physics. IOP Conference Series: Materials Science and Engineering, 2020, 928, 042037.	0.6	8
8	Exact Solution of Two-Dimensional Fractional Partial Differential Equations. Fractal and Fractional, 2020, 4, 21.	3.3	24
9	An efficient computational technique for local fractional Fokker Planck equation. Physica A: Statistical Mechanics and Its Applications, 2020, 555, 124525.	2.6	71
10	On approximate solutions for fractional system of differential equations with Caputo-Fabrizio fractional operator. Journal of Mathematics and Computer Science, 2020, 23, 58-66.	1.0	31
11	How to obtain Lie point symmetries of PDEs. Journal of Mathematics and Computer Science, 2020, 22, 306-324.	1.0	3
12	Solving Helmholtz Equation with Local Fractional Derivative Operators. Fractal and Fractional, 2019, 3, 43.	3.3	30
13	Approximate Solutions of the Damped Wave Equation and Dissipative Wave Equation in Fractal Strings. Fractal and Fractional, 2019, 3, 26.	3.3	23
14	A Modification Fractional Homotopy Perturbation Method for Solving Helmholtz and Coupled Helmholtz Equations on Cantor Sets. Fractal and Fractional, 2019, 3, 30.	3.3	26
15	Fractional variational iteration method for solving the hyperbolic telegraph equation. Journal of Physics: Conference Series, 2018, 1032, 012015.	0.4	15
16	Reduced differential transform and variational iteration methods for 3-D diffusion model in fractal heat transfer within local fractional operators. Thermal Science, 2018, 22, 301-307.	1.1	26
17	A modification fractional variational iteration method for solving nonlinear gas dynamic and coupled KdV equations involving local fractional operators. Thermal Science, 2018, 22, 165-175.	1.1	44
18	The Approximate Solutions of Three-Dimensional Diffusion and Wave Equations within Local Fractional Derivative Operator. Abstract and Applied Analysis, 2016, 2016, 1-5.	0.7	18

#	Article	IF	Citations
19	On the Approximate Solutions of Local Fractional Differential Equations with Local Fractional Operators. Entropy, 2016, 18, 150.	2.2	25
20	On the Existence and Uniqueness of Solutions for Local Fractional Differential Equations. Entropy, 2016, 18, 420.	2.2	21
21	Reduced differential transform method for partial differential equations within local fractional derivative operators. Advances in Mechanical Engineering, 2016, 8, 168781401663301.	1.6	56
22	Approximate analytical solutions of Goursat problem within local fractional operators. Journal of Nonlinear Science and Applications, 2016, 09, 4829-4837.	1.0	22
23	New Approaches for Solving Fokker Planck Equation on Cantor Sets within Local Fractional Operators. Journal of Mathematics, 2015, 2015, 1-8.	1.0	17
24	Local Fractional Laplace Variational Iteration Method for Solving Diffusion and Wave Equations on Cantor Sets within Local Fractional Operators. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	28
25	Local Fractional Laplace Decomposition Method for Solving Linear Partial Differential Equations with Local Fractional Derivative. , 2015, , 286-306.		0
26	Application of the Local fractional Adomian Decomposition and Series Expansion Methods for Solving Telegraph Equation on Cantor Sets. Journal of Zankoy Sulaimani - Part A, 2015, 17, 15-22.	0.1	4
27	The Approximate Solutions of Helmholtz and Coupled Helmholtz Equations on Cantor Sets within Local Fractional Operator. Journal of Zankoy Sulaimani - Part A, 2015, 17, 19-26.	0.1	5
28	Approximate Solution for Nonlinear Gas Dynamic and Coupled KdV Equations Involving Local Fractional Operator. Journal of Zankoy Sulaimani - Part A, 2015, 18, 127-132.	0.1	7
29	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
30	A novel schedule for solving the two-dimensional diffusion problem in fractal heat transfer. Thermal Science, 2015, 19, 99-103.	1.1	27
31	Local Fractional Adomian Decomposition and Function Decomposition Methods for Laplace Equation within Local Fractional Operators. Advances in Mathematical Physics, 2014, 2014, 1-7.	0.8	59
32	Local Fractional Function Decomposition Method for Solving Inhomogeneous Wave Equations with Local Fractional Derivative. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.7	32
33	Local Fractional Laplace Variational Iteration Method for Solving Nonlinear Partial Differential Equations on Cantor Sets within Local Fractional Operators. Journal of Zankoy Sulaimani - Part A, 2014, 16, 49-57.	0.1	8