

Hassan Kamil Jassim

List of Publications by Year in descending order

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papers

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430874

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33
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient computational technique for local fractional Fokker Planck equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 555, 124525.	2.6	71
2	Local Fractional Adomian Decomposition and Function Decomposition Methods for Laplace Equation within Local Fractional Operators. <i>Advances in Mathematical Physics</i> , 2014, 2014, 1-7.	0.8	59
3	Reduced differential transform method for partial differential equations within local fractional derivative operators. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401663301.	1.6	56
4	A modification fractional variational iteration method for solving nonlinear gas dynamic and coupled KdV equations involving local fractional operators. <i>Thermal Science</i> , 2018, 22, 165-175.	1.1	44
5	ON THE APPROXIMATE SOLUTIONS FOR A SYSTEM OF COUPLED KORTEWEGâ€“DE VRIES EQUATIONS WITH LOCAL FRACTIONAL DERIVATIVE. <i>Fractals</i> , 2021, 29, 2140012.	3.7	34
6	Local Fractional Function Decomposition Method for Solving Inhomogeneous Wave Equations with Local Fractional Derivative. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.7	32
7	Analytical approximate solutions for local fractional wave equations. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 939-947.	2.3	31
8	On approximate solutions for fractional system of differential equations with Caputo-Fabrizio fractional operator. <i>Journal of Mathematics and Computer Science</i> , 2020, 23, 58-66.	1.0	31
9	Solving Helmholtz Equation with Local Fractional Derivative Operators. <i>Fractal and Fractional</i> , 2019, 3, 43.	3.3	30
10	Local Fractional Laplace Variational Iteration Method for Solving Diffusion and Wave Equations on Cantor Sets within Local Fractional Operators. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-9.	1.1	28
11	A novel schedule for solving the two-dimensional diffusion problem in fractal heat transfer. <i>Thermal Science</i> , 2015, 19, 99-103.	1.1	27
12	A Modification Fractional Homotopy Perturbation Method for Solving Helmholtz and Coupled Helmholtz Equations on Cantor Sets. <i>Fractal and Fractional</i> , 2019, 3, 30.	3.3	26
13	Reduced differential transform and variational iteration methods for 3-D diffusion model in fractal heat transfer within local fractional operators. <i>Thermal Science</i> , 2018, 22, 301-307.	1.1	26
14	On the Approximate Solutions of Local Fractional Differential Equations with Local Fractional Operators. <i>Entropy</i> , 2016, 18, 150.	2.2	25
15	Adomian decomposition method for three-dimensional diffusion model in fractal heat transfer involving local fractional derivatives. <i>Thermal Science</i> , 2015, 19, 137-141.	1.1	25
16	Exact Solution of Two-Dimensional Fractional Partial Differential Equations. <i>Fractal and Fractional</i> , 2020, 4, 21.	3.3	24
17	Approximate Solutions of the Damped Wave Equation and Dissipative Wave Equation in Fractal Strings. <i>Fractal and Fractional</i> , 2019, 3, 26.	3.3	23
18	Approximate analytical solutions of Goursat problem within local fractional operators. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 4829-4837.	1.0	22

#	ARTICLE	IF	CITATIONS
19	On the Existence and Uniqueness of Solutions for Local Fractional Differential Equations. <i>Entropy</i> , 2016, 18, 420.	2.2	21
20	The Approximate Solutions of Three-Dimensional Diffusion and Wave Equations within Local Fractional Derivative Operator. <i>Abstract and Applied Analysis</i> , 2016, 2016, 1-5.	0.7	18
21	New Approaches for Solving Fokker Planck Equation on Cantor Sets within Local Fractional Operators. <i>Journal of Mathematics</i> , 2015, 2015, 1-8.	1.0	17
22	Fractional variational iteration method for solving the hyperbolic telegraph equation. <i>Journal of Physics: Conference Series</i> , 2018, 1032, 012015.	0.4	15
23	A Novel Method for the Analytical Solution of Partial Differential Equations Arising in Mathematical Physics. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 928, 042037.	0.6	8
24	Local Fractional Laplace Variational Iteration Method for Solving Nonlinear Partial Differential Equations on Cantor Sets within Local Fractional Operators. <i>Journal of Zankoy Sulaimani - Part A</i> , 2014, 16, 49-57.	0.1	8
25	Approximate Solution for Nonlinear Gas Dynamic and Coupled KdV Equations Involving Local Fractional Operator. <i>Journal of Zankoy Sulaimani - Part A</i> , 2015, 18, 127-132.	0.1	7
26	An efficient hybrid technique for the solution of fractional-order partial differential equations. <i>Carpathian Mathematical Publications</i> , 2021, 13, 790-804.	0.8	7
27	The Approximate Solutions of Helmholtz and Coupled Helmholtz Equations on Cantor Sets within Local Fractional Operator. <i>Journal of Zankoy Sulaimani - Part A</i> , 2015, 17, 19-26.	0.1	5
28	Solving fractional PDEs by using Daftardar-Jafari method. <i>AIP Conference Proceedings</i> , 2022, , .	0.4	5
29	Application of the Local fractional Adomian Decomposition and Series Expansion Methods for Solving Telegraph Equation on Cantor Sets. <i>Journal of Zankoy Sulaimani - Part A</i> , 2015, 17, 15-22.	0.1	4
30	A Modification Fractional Homotopy Analysis Method for Solving Partial Differential Equations Arising in Mathematical Physics. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 928, 042021.	0.6	3
31	How to obtain Lie point symmetries of PDEs. <i>Journal of Mathematics and Computer Science</i> , 2020, 22, 306-324.	1.0	3
32	Local Fractional Laplace Decomposition Method for Solving Linear Partial Differential Equations with Local Fractional Derivative. , 2015, , 286-306.		0
33	A New Analytical Method for Solving Nonlinear Burgers and Coupled Burgers Equations. <i>Materials Today: Proceedings</i> , 2021, , .	1.8	0