

Shatha Hasan

List of Publications by Year in descending order

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papers

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docs citations

14
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-step reproducing kernel algorithm for solving Caputo-Fabrizio fractional stiff models arising in electric circuits. <i>Soft Computing</i> , 2022, 26, 3713-3727.	3.6	16
2	Numerical approach in the Hilbert space to solve a fuzzy Atangana-Baleanu fractional hybrid system. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110506.	5.1	59
3	Computational algorithm for solving drug pharmacokinetic model under uncertainty with nonsingular kernel type Caputo-Fabrizio fractional derivative. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 4347-4362.	6.4	29
4	On numerical approximation of Atangana-Baleanu-Caputo fractional integro-differential equations under uncertainty in Hilbert Space. <i>Mathematical Modelling of Natural Phenomena</i> , 2021, 16, 41.	2.4	31
5	Modified analytical approach for generalized quadratic and cubic logistic models with Caputo-Fabrizio fractional derivative. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 5111-5122.	6.4	20
6	Atangana-Baleanu fractional framework of reproducing kernel technique in solving fractional population dynamics system. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109624.	5.1	76
7	Residual Power Series Approach for Solving Linear Fractional Swift-Hohenberg Problems. <i>Lecture Notes in Networks and Systems</i> , 2020, , 33-43.	0.7	2
8	Solutions of Fractional Verhulst Model by Modified Analytical and Numerical Approaches. <i>Forum for Interdisciplinary Mathematics</i> , 2020, , 233-260.	1.6	0
9	Toward computational algorithm for time-fractional Fokker-Planck models. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988103.	1.6	31
10	Two computational approaches for solving a fractional obstacle system in Hilbert space. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	44
11	Construction of fractional power series solutions to fractional stiff system using residual functions algorithm. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	48
12	Application of Power Series Method for Solving Obstacle Problem of Fractional Order. , 2019, , .		0
13	Solution of Fractional SIR Epidemic Model Using Residual Power Series Method. <i>Applied Mathematics and Information Sciences</i> , 2019, 13, 153-161.	0.5	28
14	Second Order Fuzzy Fractional Differential Equations Under Caputo's H-Differentiability. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 1597-1608.	0.5	9