Hakimeh Mohammadi

List of Publications by Year
in descending order

27 papers	2,181 citations	394421 19 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	928 citing authors

#	Article	IF	Citations
1	On the fractional SIRD mathematical model and control for the transmission of COVID-19: The first and the second waves of the disease in Iran and Japan. ISA Transactions, 2022, 124, 103-114.	5.7	29
2	On Chaos of Discrete Time Fractional Order Host-Immune-Tumor Cells Interaction Model. Journal of Applied Mathematics and Computing, 2022, 68, 4795-4820.	2.5	9
3	Application of fractional order differential equations in modeling viral disease transmission. , 2022, , 211-230.		0
4	Criteria for existence of solutions for a Liouville–Caputo boundary value problem via generalized Gronwall's inequality. Journal of Inequalities and Applications, 2021, 2021, .	1.1	9
5	A theoretical study of the Caputo–Fabrizio fractional modeling for hearing loss due to Mumps virus with optimal control. Chaos, Solitons and Fractals, 2021, 144, 110668.	5.1	264
6	A Complete Model of Crimean-Congo Hemorrhagic Fever (CCHF) Transmission Cycle with Nonlocal Fractional Derivative. Journal of Function Spaces, 2021, 2021, 1-12.	0.9	13
7	On partial fractional Sturm–Liouville equation and inclusion. Advances in Difference Equations, 2021, 2021, .	3.5	3
8	A novel modeling of boundary value problems on the glucose graph. Communications in Nonlinear Science and Numerical Simulation, 2021, 100, 105844.	3.3	49
9	Existence results on nonlinear fractional differential inclusions. Boletim Da Sociedade Paranaense De Matematica, 2021, 39, 23-30.	0.4	0
10	On modelling of epidemic childhood diseases with the Caputo-Fabrizio derivative by using the Laplace Adomian decomposition method. AEJ - Alexandria Engineering Journal, 2020, 59, 3029-3039.	6.4	67
11	A mathematical model for COVID-19 transmission by using the Caputo fractional derivative. Chaos, Solitons and Fractals, 2020, 140, 110107.	5.1	239
12	A new study on the mathematical modelling of human liver with Caputo–Fabrizio fractional derivative. Chaos, Solitons and Fractals, 2020, 134, 109705.	5.1	534
13	Analysis of the model of HIV-1 infection of $CD4^{+}$ T-cell with a new approach of fractional derivative. Advances in Difference Equations, 2020, 2020, .	3.5	183
14	A mathematical theoretical study of a particular system of Caputo–Fabrizio fractional differential equations for the Rubella disease model. Advances in Difference Equations, 2020, 2020, .	3.5	58
15	A fractional differential equation model for the COVID-19 transmission by using the Caputo–Fabrizio derivative. Advances in Difference Equations, 2020, 2020, 299.	3.5	137
16	On the mathematical model of Rabies by using the fractional Caputo–Fabrizio derivative. Advances in Difference Equations, 2020, 2020, .	3.5	24
17	Two sequential fractional hybrid differential inclusions. Advances in Difference Equations, 2020, 2020, .	3.5	25
18	On a hybrid fractional Caputo–Hadamard boundary value problem with hybrid Hadamard integral boundary value conditions. Advances in Difference Equations, 2020, 2020, .	3.5	9

#	Article	IF	Citations
19	A mathematical analysis of a system of Caputo–Fabrizio fractional differential equations for the anthrax disease model in animals. Advances in Difference Equations, 2020, 2020, .	3.5	66
20	A study on the AH1N1/09 influenza transmission model with the fractional Caputo–Fabrizio derivative. Advances in Difference Equations, 2020, 2020, .	3.5	16
21	SEIR epidemic model for COVID-19 transmission by Caputo derivative of fractional order. Advances in Difference Equations, 2020, 2020, 490.	3.5	75
22	A new mathematical model for Zika virus transmission. Advances in Difference Equations, 2020, 2020, .	3.5	73
23	On a nonlinear fractional differential equation on partially ordered metric spaces. Advances in Difference Equations, 2013, 2013, .	3.5	36
24	Some existence results for a nonlinear fractional differential equation on partially ordered Banach spaces. Boundary Value Problems, 2013, 2013, .	0.7	62
25	Some existence results on nonlinear fractional differential equations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120144.	3.4	143
26	The existence of solutions for a nonlinear mixed problem of singular fractional differential equations. Advances in Difference Equations, 2013, 2013, .	3.5	36
27	Positive Solutions of an Initial Value Problem for Nonlinear Fractional Differential Equations. Abstract and Applied Analysis, 2012, 2012, 1-7.	0.7	22