

Ozlem Defterli

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

679
citations

1040056

9
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	A Central Difference Numerical Scheme for Fractional Optimal Control Problems. JVC/Journal of Vibration and Control, 2009, 15, 583-597.	2.6	161
2	Fractional Optimal Control Problems with Several State and Control Variables. JVC/Journal of Vibration and Control, 2010, 16, 1967-1976.	2.6	117
3	Thermal and velocity slip effects on Casson nanofluid flow over an inclined permeable stretching cylinder via collocation method. International Journal of Heat and Mass Transfer, 2018, 122, 1255-1263.	4.8	110
4	Fractional Diffusion on Bounded Domains. Fractional Calculus and Applied Analysis, 2015, 18, 342-360.	2.2	82
5	Modeling, inference and optimization of regulatory networks based on time series data. European Journal of Operational Research, 2011, 211, 1-14.	5.7	48
6	The new robust conic GPLM method with an application to finance: prediction of credit default. Journal of Global Optimization, 2013, 56, 233-249.	1.8	36
7	Fuzzy prediction strategies for gene-environment networks " Fuzzy regression analysis for two-modal regulatory systems. RAIRO - Operations Research, 2016, 50, 413-435.	1.8	33
8	A second order accurate approximation for fractional derivatives with singular and non-singular kernel applied to a HIV model. Applied Mathematics and Computation, 2020, 374, 125061.	2.2	30
9	A numerical scheme for two-dimensional optimal control problems with memory effect. Computers and Mathematics With Applications, 2010, 59, 1630-1636.	2.7	23
10	Modern tools for the time-discrete dynamics and optimization of gene-environment networks. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 4768-4779.	3.3	9
11	A novel fractional grey model applied to the environmental assessment in Turkey. International Journal of Modeling, Simulation, and Scientific Computing, 2020, 11, 2050039.	1.4	6
12	Killing-Yano Tensors and Angular Momentum. European Physical Journal D, 2004, 54, 157-165.	0.4	5
13	A numerical framework for the approximate solution of fractional tumor-obesity model. International Journal of Modeling, Simulation, and Scientific Computing, 2019, 10, 1941008.	1.4	5
14	Comparative analysis of fractional order dengue model with temperature effect via singular and non-singular operators. Chaos, Solitons and Fractals, 2021, 144, 110654.	5.1	5
15	Killing-Yano Tensors and Superintegrable Systems. European Physical Journal D, 2004, 54, 1215-1221.	0.4	2
16	Simpson's method for fractional differential equations with a non-singular kernel applied to a chaotic tumor model. Physica Scripta, 2021, 96, 124019.	2.5	2
17	Vester's Sensitivity Model for Genetic Networks with Time-Discrete Dynamics. Lecture Notes in Computer Science, 2014, , 35-46.	1.3	2
18	Killing-Yano tensors, surface terms and superintegrable systems. AIP Conference Proceedings, 2004, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Projector quantization method of systems with linearly dependent constraints. European Physical Journal D, 2005, 55, 1379-1384.	0.4	1
20	Advanced Mathematical and Statistical Tools in the Dynamic Modeling and Simulation of Gene-Environment Regulatory Networks. Springer Proceedings in Mathematics and Statistics, 2014, , 237-257.	0.2	1
21	Symplectic algorithm for systems with second-class constraints. European Physical Journal D, 2006, 56, 1117-1122.	0.4	0
22	Hidden symmetries of two dimensional superintegrable systems. , 2007, , 159-166.		0