

Dazhi Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

395
citations

1307594

7
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	General conformable fractional derivative and its physical interpretation. <i>Calcolo</i> , 2017, 54, 903-917.	1.1	224
2	Representations of acting processes and memory effects: General fractional derivative and its application to theory of heat conduction with finite wave speeds. <i>Applied Mathematics and Computation</i> , 2019, 346, 531-544.	2.2	58
3	A new framework for multivariate general conformable fractional calculus and potential applications. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 510, 271-280.	2.6	42
4	Equivalence between dropout and data augmentation: A mathematical check. <i>Neural Networks</i> , 2019, 115, 82-89.	5.9	23
5	Anomalous relaxation model based on the fractional derivative with a Prabhakar-like kernel. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2019, 70, 1.	1.4	16
6	Stochastic resonance and superharmonic resonance of a noisy confined overdamped bistable system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 83, 105133.	3.3	11
7	A novel weak signal detection method for Linear Frequency Modulation signal based on bistable system and Fractional Fourier Transform. <i>Optik</i> , 2016, 127, 4405-4412.	2.9	9
8	DIFFUSION ON FRACTAL OBJECTS MODELING AND ITS PHYSICS-INFORMED NEURAL NETWORK SOLUTION. <i>Fractals</i> , 2021, 29, 2150071.	3.7	5
9	A centrally symmetric exact solution of the Maxwell's equations in logarithmically nonlinear media. <i>Optik</i> , 2017, 131, 1016-1022.	2.9	2
10	Analytic methods for solving the cylindrical nonlinear Maxwell equations. <i>Optik</i> , 2018, 170, 287-294.	2.9	2
11	Recursive formulae for the analytic solution of the nonlinear spatial conformable fractional evolution equation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 537, 122735.	2.6	2
12	A probabilistic interpretation of the Dzherbashyan fractional integral. <i>Fractals</i> , 0, , .	3.7	1
13	A new axis symmetric exact solution of the Maxwell's equations in a time-variant nonlinear medium. <i>Journal of Electromagnetic Waves and Applications</i> , 2016, 30, 1812-1819.	1.6	0
14	Analysis of the influence of the nonlinear parameter on cylindrical waves propagation in nonlinear media. <i>Optik</i> , 2017, 140, 317-321.	2.9	0
15	Supplementary remark to "Representations of acting processes and memory effects: General fractional derivative and its application to theory of heat conduction with finite wave speeds" [Applied Mathematics and Computation 346 (2019) 531-544]. <i>Applied Mathematics and Computation</i> , 2019, 361, 175-176.	2.2	0
16	Cut-off distributions and probabilistic interpretations of the general fractional derivatives with memory effect. <i>Fractals</i> , 0, , .	3.7	0
17	Oversampling collocation method for the Volterra integral equation with contaminated data. <i>Calcolo</i> , 2022, 59, .	1.1	0