

Jacques Atangana

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

180
citations

1040056

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1058476

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all docs

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docs citations

16
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Rogue wave train generation in a metamaterial induced by cubic-quintic nonlinearities and second-order dispersion. <i>Physical Review E</i> , 2014, 90, 032911.	2.1	25
2	Optical rogue waves generation in a nonlinear metamaterial. <i>Optics Communications</i> , 2014, 331, 334-347.	2.1	22
3	Phase synchronization, extreme multistability and its control with selection of a desired pattern in hybrid coupled neurons via a memristive synapse. <i>Nonlinear Dynamics</i> , 2022, 109, 925-942.	5.2	20
4	Bifurcations analysis and experimental study of the dynamics of a thermosensitive neuron conducted simultaneously by photocurrent and thermistance. <i>European Physical Journal: Special Topics</i> , 2022, 231, 993-1004.	2.6	18
5	Phase synchronization between two thermo-photoelectric neurons coupled through a Josephson Junction. <i>European Physical Journal B</i> , 2022, 95, 1.	1.5	16
6	Akhmedievâ€™Peregrine rogue waves generation in a composite right/left-handed transmission line. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	15
7	Kuznetsovâ€™Ma waves train generation in a left-handed material. <i>Journal of Modern Optics</i> , 2015, 62, 392-402.	1.3	14
8	Efficient method of calculation of Raman soliton self-frequency shift in nonlinear optical media. <i>Optics Communications</i> , 2015, 339, 194-208.	2.1	13
9	Tree-like structures and Freak waves generation induced by quintic-nonlinearity and cubic-Raman effect in a nonlinear metamaterial. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	3.3	9
10	Dynamical Evolution of Sasaâ€™Satsuma Rogue Waves, Breather Solutions, and New Special Wave Phenomena in a Nonlinear Metamaterial. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000316.	1.5	7
11	Multi-wave trains and Sasa - Satsuma freak events generation in an optical metamaterial. <i>Chinese Journal of Physics</i> , 2021, 69, 50-69.	3.9	6
12	Nonlinear surface waves at ferrite-metamaterial waveguide structure. <i>Journal of Modern Optics</i> , 2016, 63, 1552-1557.	1.3	5
13	M-shaped and other exotic solitons generated by cubic-quintic saturable nonlinearities in a nonlinear electrical transmission network with higher-order dispersion effects. <i>Chaos, Solitons and Fractals</i> , 2022, 161, 112320.	5.1	4
14	Multi-Raman soliton self-frequency shifts and dissipative rogue wave trains induced by cubic-quintic-Raman contributions in a double-negative material. <i>Physica B: Condensed Matter</i> , 2022, 632, 413731.	2.7	3
15	Influence of the refractive index cladding on guided modes in a negative-index slab waveguide. , 2014, , .		2
16	Coexistence of Attractors and Its Control with Selection of a Desired Attractor in a Model of Extended Hindmarshâ€™Rose Neuron with Nonlinear Smooth Fitting Function: Microcontroller Implementation. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 2751-2764.	2.2	1