Hermann T Tchokouansi

List of Publications by Year
in descending order

		1307594	1281871
11 papers	**139** citations	**7** h-index	**11** g-index
11 all docs	**11** docs citations	**11** times ranked	**27** citing authors

#	Article	IF	Citations
1	On the propagation of solitons in ferrites: The inverse scattering approach. Chaos, Solitons and Fractals, 2016, 86, 64-74.	5.1	45
2	Exact soliton solutions to a new coupled integrable short light-pulse system. Chaos, Solitons and Fractals, 2014, 68, 10-19.	5.1	18
3	Influence of damping effects on the propagation of magnetic waves in ferrites. Chaos, Solitons and Fractals, 2019, 119, 203-209.	5.1	16
4	Traveling magnetic wave motion in ferrites: Impact of inhomogeneous exchange effects. Chaos, Solitons and Fractals, 2019, 121, 1-5.	5.1	14
5	Generating a New Higher-Dimensional Ultra-Short Pulse System: Lie-Algebra Valued Connection and Hidden Structural Symmetries. Chinese Physics Letters, 2012, 29, 020501.	3.3	11
6	On the dynamics of magnetic wave in ferrites: Influence of damping and inhomogeneous exchange effects. Journal of Magnetism and Magnetic Materials, 2019, 484, 382-390.	2.3	11
7	Inverse scattering transform of a new optical short pulse system. Journal of Mathematical Physics, 2014, 55, .	1.1	9
8	Propagation of single valued magnetic solitary waves in circularly polarized ferrites. Chaos, Solitons and Fractals, 2022, 154, 111690.	5.1	7
9	Propagation of magnetic solitary waves in inhomogeneous ferrites, subjected to damping effects. Journal of Magnetism and Magnetic Materials, 2022, 554, 169281.	2.3	4
10	Impact of nonlocality and quintic local nonlinearity on the pulses interaction and the dynamical characteristics parameters of soliton in weakly nonlinear nonlocal media. Chaos, Solitons and Fractals, 2021, 153, 111580.	5.1	2
11	Dynamics of damped single valued magnetic wave in inhomogeneous circularly polarized ferrites. Chinese Journal of Physics, 2022, 78, 511-520.	3.9	2