

Cristian Lăzureanu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

164
citations

1040056

9
h-index

1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	A RIKITAKE TYPE SYSTEM WITH QUADRATIC CONTROL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250274.	1.7	15
2	On the Hamilton-Poisson realizations of the integrable deformations of the Maxwell-Bloch equations. Comptes Rendus Mathematique, 2017, 355, 596-600.	0.3	15
3	A Rikitake type system with one control. Discrete and Continuous Dynamical Systems - Series B, 2013, 18, 1755-1776.	0.9	14
4	On some dynamical and geometrical properties of the Maxwell-Bloch equations with a quadratic control. Journal of Geometry and Physics, 2013, 70, 1-8.	1.4	13
5	On the symmetries of a Rikitake type system. Comptes Rendus Mathematique, 2012, 350, 529-533.	0.3	11
6	On a Hamilton-Poisson Approach of the Maxwell-Bloch Equations with a Control. Mathematical Physics Analysis and Geometry, 2017, 20, 1.	1.0	11
7	The Real-Valued Maxwell-Bloch Equations with Controls: From a Hamilton-Poisson System to a Chaotic One. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750143.	1.7	10
8	Hamilton-Poisson Realizations of the Integrable Deformations of the Rikitake System. Advances in Mathematical Physics, 2017, 2017, 1-9.	0.8	10
9	Integrable Deformations of Three-Dimensional Chaotic Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850066.	1.7	10
10	Symplectic realizations and symmetries of a Lotka-Volterra type system. Regular and Chaotic Dynamics, 2013, 18, 203-213.	0.8	7
11	Stability and Energy-Casimir Mapping for Integrable Deformations of the Kermack-McKendrick System. Advances in Mathematical Physics, 2018, 2018, 1-9.	0.8	7
12	Symmetries and Properties of the Energy-Casimir Mapping in the Ball-Plate Problem. Advances in Mathematical Physics, 2017, 2017, 1-13.	0.8	6
13	Symmetries of some classes of dynamical systems. Journal of Nonlinear Mathematical Physics, 2015, 22, 265.	1.3	5
14	On Some Properties and Symmetries of the 5-Dimensional Lorenz System. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	4
15	On a new chaotic system. Mathematical Methods in the Applied Sciences, 2015, 38, 1631-1641.	2.3	4
16	Stability and integrability aspects for the Maxwell-Bloch equations with the rotating wave approximation. Regular and Chaotic Dynamics, 2017, 22, 109-121.	0.8	4
17	Wold-SĂociÅ„ski decompositions for commuting isometric triples. Journal of Mathematical Analysis and Applications, 2019, 472, 1660-1677.	1.0	4
18	On a deformed version of the two-disk dynamo system. , 2021, 66, 345-372.		4

#	ARTICLE	IF	CITATIONS
19	On the Wold-type decompositions for n-tuples of commuting isometric semigroups. Filomat, 2017, 31, 1251-1264.	0.5	4
20	Dynamical Properties, Deformations, and Chaos in a Class of Inversion Invariant Jerk Equations. Symmetry, 2022, 14, 1318.	2.2	3
21	Chaotic behavior of an integrable deformation of a nonlinear monetary system. AIP Conference Proceedings, 2019, , .	0.4	1
22	On the integrable deformations of a system related to the motion of two vortices in an ideal incompressible fluid. ITM Web of Conferences, 2019, 29, 01015.	0.5	1
23	Integrable Deformations and Dynamical Properties of Systems with Constant Population. Mathematics, 2021, 9, 1378.	2.2	1
24	Wold-Type Decompositions for a Commutative Pair of Noncommutative Semigroups of Isometries. Bulletin of the Malaysian Mathematical Sciences Society, 2018, 41, 1139.	0.9	0
25	On the Integrable Deformations of the Maximally Superintegrable Systems. Symmetry, 2021, 13, 1000.	2.2	0