

Mohammed Salah Abdelouahab

List of Publications by Year in descending order

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18
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395
citing authors

#	ARTICLE	IF	CITATIONS
1	Hopf bifurcation and chaos in fractional-order modified hybrid optical system. Nonlinear Dynamics, 2012, 69, 275-284.	5.2	91
2	Memfractance: A Mathematical Paradigm for Circuit Elements with Memory. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1430023.	1.7	90
3	Chaos Control of a Fractional-Order Financial System. Mathematical Problems in Engineering, 2010, 2010, 1-18.	1.1	56
4	Mixed outer synchronization of coupled complex networks with time-varying coupling delay. Chaos, 2011, 21, 013121.	2.5	54
5	The GrÃ¼nwald-Letnikov Fractional-Order Derivative with Fixed Memory Length. Mediterranean Journal of Mathematics, 2016, 13, 557-572.	0.8	30
6	A new chaotic attractor from hybrid optical bistable system. Nonlinear Dynamics, 2012, 67, 457-463.	5.2	21
7	On some extended Routh-Hurwitz conditions for fractional-order autonomous systems of order $0 < \alpha < 1$. Tj ETQq1 1 0.784314 rgB 109623.	5.1	19
8	Mem-fractive properties of mushrooms. Bioinspiration and Biomimetics, 2021, 16, 066026.	2.9	19
9	Complex Canard Explosion in a Fractional-Order FitzHugh-Nagumo Model. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950111.	1.7	14
10	Mixed-Mode Oscillations Based on Complex Canard Explosion in a Fractional-Order Fitzhugh-Nagumo Model.. Applied Mathematics and Nonlinear Sciences, 2020, 5, 239-256.	1.6	9
11	A novel fractional piecewise linear map: regular and chaotic dynamics. International Journal of General Systems, 2021, 50, 501-526.	2.5	7
12	Hopf Bifurcation and Chaos in Simplest Fractional-Order Memristor-based Electrical Circuit. Indian Journal of Industrial and Applied Mathematics, 2015, 6, 105.	0.1	7
13	Hopf-like bifurcation and mixed mode oscillation in a fractional-order FitzHugh-Nagumo model. AIP Conference Proceedings, 2019, , .	0.4	5
14	Stability and Hopf bifurcation of the coexistence equilibrium for a differential-algebraic biological economic system with predator harvesting. Electronic Research Archive, 2021, 29, 1641-1660.	0.9	5
15	Bifurcation analysis and chaos in simplest fractional-order electrical circuit. , 2015, , .		4
16	Bifurcation analysis of a model of tuberculosis epidemic with treatment of wider population suggesting a possible role in the seasonality of this disease. Chaos, 2021, 31, 123125.	2.5	4
17	Chaotic optimization algorithm based on the modified probability density function of Lozi map. Boletim Da Sociedade Paranaense De Matematica, 2021, 39, 9-22.	0.4	1
18	Generalized Combination Synchronization of Three Different Dimensional Fractional Chaotic and Hyperchaotic Systems Using Three Scaling Matrices. Journal of Advanced Research in Dynamical and Control Systems, 2020, 24, 330-337.	0.2	0