

# Mohammed Salah Abdelouahab

## List of Publications by Year in descending order

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18  
papers

436  
citations

1039406

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940134

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docs citations

18  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hopf bifurcation and chaos in fractional-order modified hybrid optical system. <i>Nonlinear Dynamics</i> , 2012, 69, 275-284.	2.7	91
2	Memfractance: A Mathematical Paradigm for Circuit Elements with Memory. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1430023.	0.7	90
3	Chaos Control of a Fractional-Order Financial System. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-18.	0.6	56
4	Mixed outer synchronization of coupled complex networks with time-varying coupling delay. <i>Chaos</i> , 2011, 21, 013121.	1.0	54
5	The Gr $\frac{1}{4}$ nwald $\hat{e}$ Letnikov Fractional-Order Derivative with Fixed Memory Length. <i>Mediterranean Journal of Mathematics</i> , 2016, 13, 557-572.	0.4	30
6	A new chaotic attractor from hybrid optical bistable system. <i>Nonlinear Dynamics</i> , 2012, 67, 457-463.	2.7	21
7	On some extended Routh $\hat{e}$ Hurwitz conditions for fractional-order autonomous systems of order $\hat{1}\pm\hat{A}\hat{\sim}\hat{A}(0)$ , Tj ETQq1 1 0.784314 rgB 109623.	2.5	19
8	Mem-fractive properties of mushrooms. <i>Bioinspiration and Biomimetics</i> , 2021, 16, 066026.	1.5	19
9	Complex Canard Explosion in a Fractional-Order FitzHugh $\hat{e}$ Nagumo Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019, 29, 1950111.	0.7	14
10	Mixed-Mode Oscillations Based on Complex Canard Explosion in a Fractional-Order Fitzhugh-Nagumo Model.. <i>Applied Mathematics and Nonlinear Sciences</i> , 2020, 5, 239-256.	0.9	9
11	A novel fractional piecewise linear map: regular and chaotic dynamics. <i>International Journal of General Systems</i> , 2021, 50, 501-526.	1.2	7
12	Hopf Bifurcation and Chaos in Simplest Fractional-Order Memristor-based Electrical Circuit. <i>Indian Journal of Industrial and Applied Mathematics</i> , 2015, 6, 105.	0.1	7
13	Hopf-like bifurcation and mixed mode oscillation in a fractional-order FitzHugh-Nagumo model. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	5
14	Stability and Hopf bifurcation of the coexistence equilibrium for a differential-algebraic biological economic system with predator harvesting. <i>Electronic Research Archive</i> , 2021, 29, 1641-1660.	0.4	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. <i>Chaos</i> , 2021, 31, 123125.	1.0	4
17	Chaotic optimization algorithm based on the modified probability density function of Lozi map. <i>Boletim Da Sociedade Paranaense De Matematica</i> , 2021, 39, 9-22.	0.4	1
18	Generalized Combination Synchronization of Three Different Dimensional Fractional Chaotic and Hyperchaotic Systems Using Three Scaling Matrices. <i>Journal of Advanced Research in Dynamical and Control Systems</i> , 2020, 24, 330-337.	0.3	0