

# Mohamed El-Dessoky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1885091/publications.pdf>

Version: 2024-02-01

34  
papers

681  
citations

623734

14  
h-index

552781

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of an epidemic model with fractal-fractional Atangana-Baleanu derivative. AEJ - Alexandria Engineering Journal, 2022, 61, 729-746.	6.4	15
2	Bifurcation analysis and chaos control in Zhou's dynamical system. Engineering Computations, 2022, ahead-of-print, .	1.4	0
3	Mathematical modeling and analysis of the novel Coronavirus using Atangana-Baleanu derivative. Results in Physics, 2021, 25, 104240.	4.1	12
4	Control and adaptive modified function projective synchronization of a new hyperchaotic system. AEJ - Alexandria Engineering Journal, 2021, 60, 3985-3990.	6.4	9
5	Modeling the dynamics of the novel coronavirus using Caputo-Fabrizio derivative. AEJ - Alexandria Engineering Journal, 2021, 60, 4651-4662.	6.4	10
6	Resonant optical solitons of nonlinear Schrödinger equation with dual power law nonlinearity. Physica A: Statistical Mechanics and Its Applications, 2020, 543, 122445.	2.6	2
7	Modeling and analysis of the polluted lakes system with various fractional approaches. Chaos, Solitons and Fractals, 2020, 134, 109720.	5.1	10
8	Global dynamics of a cell quota-based model of light-dependent algae growth in a chemostat. Communications in Nonlinear Science and Numerical Simulation, 2020, 90, 105295.	3.3	5
9	Corrigendum "Modeling and analysis of the polluted lakes system with various fractional approaches" Chaos, Solitons and Fractals, 2020, 135, 109776.	5.1	2
10	Dynamics and Solutions of a Fifth-Order Nonlinear Difference Equation. Discrete Dynamics in Nature and Society, 2018, 2018, 1-21.	0.9	5
11	Solution for Rational Systems of Difference Equations of Order Three. Mathematics, 2016, 4, 53.	2.2	2
12	On the periodicity of solutions of max-type difference equation. Mathematical Methods in the Applied Sciences, 2015, 38, 3295-3307.	2.3	5
13	Quiescence as an explanation of Gompertzian tumor growth revisited. Mathematical Biosciences, 2014, 254, 76-82.	1.9	18
14	Bifurcation analysis and chaos control in Shimizu-Morioka chaotic system with delayed feedback. Applied Mathematics and Computation, 2014, 243, 283-297.	2.2	25
15	Adaptive Feedback Control for Chaos Control and Synchronization for New Chaotic Dynamical System. Mathematical Problems in Engineering, 2012, 2012, 1-12.	1.1	9
16	Global Attractivity and Periodic Character of Difference Equation of Order Four. Discrete Dynamics in Nature and Society, 2012, 2012, 1-20.	0.9	2
17	Existence of heteroclinic and homoclinic orbits in two different chaotic dynamical systems. Applied Mathematics and Computation, 2012, 218, 11859-11870.	2.2	26
18	Generalized Projective Synchronization for Different Hyperchaotic Dynamical Systems. Discrete Dynamics in Nature and Society, 2011, 2011, 1-19.	0.9	3

#	ARTICLE	IF	CITATIONS
19	Anti-synchronization of four scroll attractor with fully unknown parameters. <i>Nonlinear Analysis: Real World Applications</i> , 2010, 11, 778-783.	1.7	34
20	Adaptive anti-synchronization of different chaotic dynamical systems. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 2174-2180.	5.1	8
21	Synchronization and anti-synchronization of a hyperchaotic Chen system. <i>Chaos, Solitons and Fractals</i> , 2009, 39, 1790-1797.	5.1	31
22	Global stabilization of some chaotic dynamical systems. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 1584-1598.	5.1	5
23	Synchronization of van der Pol oscillator and Chen chaotic dynamical system. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 1425-1435.	5.1	13
24	Synchronization and Adaptive Synchronization of Hyperchaotic Lu Dynamical System. <i>Trends in Applied Sciences Research</i> , 2008, 3, 129-141.	0.4	2
25	Adaptive Coupled Synchronization of Coupled Chaotic Dynamical Systems. <i>Trends in Applied Sciences Research</i> , 2007, 2, 88-102.	0.4	5
26	Adaptive synchronization for four-scroll attractor with fully unknown parameters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 349, 187-191.	2.1	20
27	Adaptive synchronization of a hyperchaotic system with uncertain parameter. <i>Chaos, Solitons and Fractals</i> , 2006, 30, 1133-1142.	5.1	126
28	Global synchronization criterion and adaptive synchronization for new chaotic system. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1299-1309.	5.1	28
29	Global synchronization criterion and adaptive synchronization for new chaotic system. <i>Chaos, Solitons and Fractals</i> , 2005, 23, 1299-1309.	5.1	40
30	SYNCHRONIZATION OF MODIFIED CHEN SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004, 14, 3969-3979.	1.7	29
31	Adaptive synchronization of $L\ddot{A}^{1/4}$ system with uncertain parameters. <i>Chaos, Solitons and Fractals</i> , 2004, 21, 657-667.	5.1	73
32	ADAPTIVE SYNCHRONIZATION FOR RÄ–SSLER AND CHUA'S CIRCUIT SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002, 12, 1579-1597.	1.7	54
33	Synchronization and adaptive synchronization of nuclear spin generator system. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 1091-1099.	5.1	16
34	Controlling chaotic behaviour for spin generator and Rossler dynamical systems with feedback control. <i>Chaos, Solitons and Fractals</i> , 2001, 12, 631-658.	5.1	37