

# Arnulfo Luis-Ramos

## List of Publications by Year in descending order

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24  
papers

135  
citations

1937685

4  
h-index

1474206

9  
g-index

24  
all docs

24  
docs citations

24  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral Modeling of Chaos-Based Applications by Using Verilog-A. Studies in Computational Intelligence, 2017, , 553-579.	0.9	0
2	Self-compression of coupled cnoidal waves. Journal of Nonlinear Optical Physics and Materials, 2015, 24, 1550010.	1.8	1
3	Fault conditions of a simple chaotic circuit under capacitor nonlinear effects. , 2015, , .		1
4	Synchronous Chaos Generation in an $\langle \text{inline-formula} \rangle \langle \text{tex-math notation="TeX"} \rangle \{m \text{Er}\}^{\{3+\}} \langle / \text{tex-math} \rangle \langle / \text{inline-formula} \rangle$ -Doped Fiber Laser System. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	5
5	Sensitivity analysis of multi-scroll chaotic oscillators at circuit level. , 2014, , .		2
6	Quasi-optimal values in the Hamiltonian-based synchronization of chaotic systems. , 2014, , .		0
7	Determining the number of scrolls in a multi-scroll chaotic oscillator under uncertainties. , 2013, , .		1
8	Determining the Lyapunov Spectrum of Continuous-Time 1D and 2D Multiscroll Chaotic Oscillators via the Solution of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle m \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ -PWL Variational Equations. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.7	7
9	Formation of discrete solitons as a function of waveguide array geometry under the well-confined mode condition. Journal of Optics (United Kingdom), 2013, 15, 105202.	2.2	1
10	On the Synchronization of 1D and 2D Multi-scroll Chaotic Oscillators. Studies in Computational Intelligence, 2013, , 19-40.	0.9	1
11	On the Synchronization of 1D and 2D Multi-scroll Chaotic Oscillators. Studies in Computational Intelligence, 2013, , 19-40.	0.9	0
12	Synchronization of PWL function-based 2D and 3D multi-scroll chaotic systems. Nonlinear Dynamics, 2012, 70, 1633-1643.	5.2	88
13	Synchronous Pulse Generation in an Array of Three $\$ \text{hbox}\{\text{Er}\}^{\{3 +\}} \text{\$}$ -Doped Fiber Lasers. IEEE Photonics Journal, 2012, 4, 671-678.	2.0	2
14	Synchronization of multi-directional multi-scroll chaos generators: A Hamiltonian approach. , 2011, , .		4
15	Wave propagation in a multiple interfaces nanowaveguide. , 2011, , .		0
16	Multicavity fiber laser. , 2008, , .		0
17	Analysis of the propagation of low dimensional optical wave. , 2008, , .		0
18	Experimental Study of a Multicavity Fiber Laser System. AIP Conference Proceedings, 2008, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Photonic band-gap on dispersion curves of propagation modes of a two concentric. , 2006, , .		0
20	Synchronous pulse generation in a multicavity fiber laser system. , 2006, , .		2
21	<title>Dependence of the dispersion curves of a two-concentric-core optical fiber to the refraction index</title>. , 2004, , .		0
22	Dispersion curves of the propagation modes of a two-concentric-core optical fiber. , 2003, , .		0
23	Analytical separation for the TE and TM modes of a two-concentric-core optical fibre. Journal of Modern Optics, 2002, 49, 1699-1707.	1.3	2
24	Self-mode-locking action in a dual-core ring fiber laser. Optics Communications, 2001, 194, 409-414.	2.1	18