

Hector E Nistazakis

List of Publications by Year in descending order

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471509

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31
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60
all docs

60
docs citations

60
times ranked

588
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical turbulence measurements and modeling over Monterey Bay. Optics Communications, 2022, 520, 128508.	2.1	6
2	Outage Performance Estimation of a MISO FSO System with OOK Signaling and Alamouti Type Space-Time Coding. Electronics (Switzerland), 2022, 11, 2220.	3.1	1
3	Equivalent structure of a generalised multi-hop free-space optics network. IET Communications, 2021, 15, 730-735.	2.2	0
4	Circuit Implementation of a Modified Chaotic System with Hyperbolic Sine Nonlinearities Using Bi-Color LED. Technologies, 2021, 9, 15.	5.1	4
5	Experimental Model Development for the Attenuation Coefficient Estimation of Terrestrial Optical Wireless Links over the Sea. Telecom, 2021, 2, 93-107.	2.6	9
6	Error Performance Estimation of Modulated Retroreflective Transdermal Optical Wireless Links with Diversity under Generalized Pointing Errors. Telecom, 2021, 2, 167-180.	2.6	2
7	RSSI Probability Density Functions Comparison Using Jensen-Shannon Divergence and Pearson Distribution. Technologies, 2021, 9, 26.	5.1	4
8	Influence of Pointing Errors at the Block Error Rate Performance of Strong Turbulent SIMO FSO Links. , 2021, , .		0
9	Using Machine Learning Algorithms for Accurate Received Optical Power Prediction of an FSO Link over a Maritime Environment. Photonics, 2021, 8, 212.	2.0	21
10	Statistical modeling of received signal strength for an FSO link over maritime environment. Optics Communications, 2021, 489, 126858.	2.1	13
11	Time Jitter Influence on the Performance of PPM or PAM SIMO FSO Links over M-Turbulence Channels. , 2021, , .		0
12	Hardware Design and Implementation of a Wireless Chaotic Text Encryption Scheme. , 2021, , .		0
13	Spatial Jitter Influence on the Average BLER Performance of SIMO FSO Links over Atmospheric Turbulence Channels. Electronics (Switzerland), 2021, 10, 2033.	3.1	1
14	Time and Spatial Jitter Influence on the Performance of FSO Links with DF Relays and OC Diversity Over Turbulence Channels. Photonics, 2021, 8, 318.	2.0	1
15	A chaotic path planning generator enhanced by a memory technique. Robotics and Autonomous Systems, 2021, 143, 103826.	5.1	15
16	On the Outage Capacity of Transdermal Optical Wireless Links with Stochastic Spatial Jitter and Skin-Induced Attenuation. Photonics, 2021, 8, 553.	2.0	1
17	A chaotic path planning generator based on logistic map and modulo tactics. Robotics and Autonomous Systems, 2020, 124, 103377.	5.1	49
18	Earth-to-Earth Microwave Rain Attenuation Measurements: A Survey On the Recent Literature. Symmetry, 2020, 12, 1440.	2.2	18

#	ARTICLE	IF	CITATIONS
19	A Chaotic Path Planning Method for 3D Area Coverage Using Modified Logistic Map and a Modulo Tactic. , 2020, , .		7
20	Experimental Performance Analysis of an Optical Communication Channel over Maritime Environment. Electronics (Switzerland), 2020, 9, 1109.	3.1	27
21	The First Experimental Evidence of Chaos from a Nonlinear Circuit with a Real Memristor. , 2020, , .		4
22	Motion Control of a Mobile Robot Based on a Chaotic Iterative Map. , 2020, , .		1
23	A Chaotic Circuit with Bi-Color LED as a Nonlinear Element. , 2020, , .		0
24	A rain estimation model based on microwave signal attenuation measurements in the city of Ioannina, Greece. Meteorological Applications, 2020, 27, e1932.	2.1	10
25	Signal Intensity Estimation in Transdermal Optical Wireless Links with Stochastic Pointing Errors Effect. Technologies, 2020, 8, 60.	5.1	3
26	A Two-Parameter Modified Logistic Map and Its Application to Random Bit Generation. Symmetry, 2020, 12, 829.	2.2	31
27	Design and Implementation of a Test Fixture for ELF Schumann Resonance Magnetic Antenna Receiver and Magnetic Permeability Measurements. Electronics (Switzerland), 2020, 9, 171.	3.1	5
28	Time Jitter, Turbulence and Chromatic Dispersion in Underwater Optical Wireless Links. Technologies, 2020, 8, 3.	5.1	8
29	Analysis, Synchronization, and Robotic Application of a Modified Hyperjerk Chaotic System. Complexity, 2020, 2020, 1-15.	1.6	25
30	Performance of Underwater Wireless Optical Link Under Weak Turbulence and Pointing Errors Using Heterodyne QAM Technique. Lecture Notes in Computer Science, 2020, , 552-559.	1.3	1
31	Coverage Performance of a Chaotic Mobile Robot Using an Inverse Pheromone Model. , 2019, , .		3
32	Underwater Optical Wireless Communications with Chromatic Dispersion and Time Jitter. Computation, 2019, 7, 35.	2.0	5
33	Transdermal Optical Wireless Links with Multiple Receivers in the Presence of Skin-Induced Attenuation and Pointing Errors. Computation, 2019, 7, 33.	2.0	10
34	Serial DF Relayed FSO Links over Mixture Gamma Turbulence Channels and Nonzero Boresight Spatial Jitter. Computation, 2019, 7, 34.	2.0	5
35	Performance of SIMO FSO Links over Mixture Composite Irradiance Channels. Applied Sciences (Switzerland), 2019, 9, 2072.	2.5	12
36	Performance Analysis of Hard-Switching Based Hybrid FSO/RF System over Turbulence Channels. Computation, 2019, 7, 28.	2.0	16

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37	SIMO subcarrier PSK FSO links with phase noise and non-zero boresight pointing errors over turbulence channels. IET Communications, 2019, 13, 831-836.	2.2	17
38	Analysis, Synchronization and Microcontroller Implementation of a Generalized Hyperjerk System, with Application to Secure Communications Using a Descriptor Observer. , 2019, , .		4
39	An Inverse Pheromone Approach in a Chaotic Mobile Robot's Path Planning Based on a Modified Logistic Map. Technologies, 2019, 7, 84.	5.1	17
40	Mixed Topology of DF Relayed Terrestrial Optical Wireless Links with Generalized Pointing Errors over Turbulence Channels. Technologies, 2018, 6, 121.	5.1	14
41	Spatial Diversity for CDMA RoFSO Links over M Turbulence Channels with Nonzero Boresight Pointing Errors. Computation, 2018, 6, 55.	2.0	0
42	Block error rate performance of OOK free-space optical links over γ - γ turbulence channels with generalised non-zero boresight pointing errors. IET Optoelectronics, 2018, 12, 269-272.	3.3	11
43	DF Relayed Subcarrier FSO Links over Malaga Turbulence Channels with Phase Noise and Non-Zero Boresight Pointing Errors. Applied Sciences (Switzerland), 2018, 8, 664.	2.5	19
44	CDMA RoFSO Links With Nonzero Boresight Pointing Errors Over M Turbulence Channels. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	8
45	Subcarrier PSK Performance in Terrestrial FSO Links Impaired by Gamma-Gamma Fading, Pointing Errors, and Phase Noise. Journal of Lightwave Technology, 2017, 35, 1624-1632.	4.6	54
46	An Accurate Computational Tool for Performance Estimation of FSO Communication Links over Weak to Strong Atmospheric Turbulent Channels. Computation, 2017, 5, 18.	2.0	15
47	OFDM RoFSO Links with Relays Over Turbulence Channels and Nonzero Boresight Pointing Errors. Journal of Communications, 2017, , 644-660.	1.6	11
48	Enhancing the error performance of optical SSK under correlated channel condition. , 2016, , .		4
49	Performance of quadrature amplitude modulation orthogonal frequency division multiplexing-based free space optical links with non-linear clipping effect over γ - γ modelled turbulence channels. IET Optoelectronics, 2015, 9, 269-274.	3.3	11
50	A time-diversity scheme for wireless optical links over exponentially modeled turbulence channels. Optik, 2013, 124, 1386-1391.	2.9	33
51	Capacity Analysis of Dual Amplify-and-Forward Relayed Free-Space Optical Communication Systems Over Turbulence Channels With Pointing Errors. Journal of Optical Communications and Networking, 2013, 5, 1032.	4.8	90
52	Comparative performance study of one or multiple receivers schemes for FSO links over γ - γ turbulence channels. Journal of Modern Optics, 2012, 59, 1023-1031.	1.3	36
53	On the use of wavelength and time diversity in optical wireless communication systems over γ - γ turbulence channels. Optics and Laser Technology, 2012, 44, 2088-2094.	4.6	74
54	Dual-hop relaying communications over generalized-K (KG) fading channels. Journal of the Franklin Institute, 2010, 347, 1643-1653.	3.4	33

#	ARTICLE	IF	CITATIONS
55	Capacity estimation of optical wireless communication systems over moderate to strong turbulence channels. <i>Journal of Communications and Networks</i> , 2009, 11, 384-389.	2.6	31
56	Average Capacity of Optical Wireless Communication Systems Over Atmospheric Turbulence Channels. <i>Journal of Lightwave Technology</i> , 2009, 27, 974-979.	4.6	192
57	Collisions between spatiotemporal solitons of different dimensionality in a planar waveguide. <i>Physical Review E</i> , 2001, 64, 026604.	2.1	30
58	Dissipative solitons under the action of the third-order dispersion. <i>Physical Review E</i> , 1999, 60, 3324-3331.	2.1	11
59	Stabilizing soliton transmission by third-order dispersion in dispersion-compensated fibre links. <i>Journal of Optics</i> , 1998, 7, L57-L62.	0.5	28
60	Underwater Optical Wireless Communication Systems: A Concise Review. , 0, , .		23