

Mohammed Elamassie

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

728
citations

933447

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h-index

940533

16
g-index

36
all docs

36
docs citations

36
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Characterization of Underwater Visible Light Communication. IEEE Transactions on Communications, 2019, 67, 543-552.	7.8	131
2	Effect of eddy diffusivity ratio on underwater optical scintillation index. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 1969.	1.5	83
3	Effect of Fog and Rain on the Performance of Vehicular Visible Light Communications. , 2018, , .		59
4	Vertical Underwater Visible Light Communication Links: Channel Modeling and Performance Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 6948-6959.	9.2	58
5	Hybrid RF/VLC Systems: A Comprehensive Survey on Network Topologies, Performance Analyses, Applications, and Future Directions. IEEE Access, 2021, 9, 160402-160436.	4.2	41
6	Performance Characterization of Vertical Underwater VLC Links in the Presence of Turbulence. , 2018, , .		37
7	Spatial power spectrum of natural water turbulence with any average temperature, salinity concentration, and light wavelength. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1614.	1.5	35
8	Outage probability analysis of a vertical underwater wireless optical link subject to oceanic turbulence and pointing errors. Journal of Optical Communications and Networking, 2022, 14, 439.	4.8	25
9	Infrastructure-to-Vehicle Visible Light Communications: Channel Modelling and Performance Analysis. IEEE Transactions on Vehicular Technology, 2022, 71, 2240-2250.	6.3	22
10	Underwater Visible Light Communications in Cascaded Gamma-Gamma Turbulence. , 2018, , .		20
11	Channel Modeling and Performance Characterization of Underwater Visible Light Communications. , 2018, , .		17
12	Incremental Diversity Order for Characterization of FSO Communication Systems Over Lognormal Fading Channels. IEEE Communications Letters, 2020, 24, 825-829.	4.1	15
13	Capacity Analysis of NOMA-Enabled Underwater VLC Networks. IEEE Access, 2021, 9, 153305-153315.	4.2	15
14	Experimental Investigation of Lens Combinations on the Performance of Vehicular VLC. , 2020, , .		15
15	Adaptive OFDM-based acoustic underwater transmission: System design and experimental verification. , 2017, , .		14
16	Vertical Underwater VLC Links over Cascaded Gamma-Gamma Turbulence Channels with Pointing Errors. , 2019, , .		14
17	Non-Orthogonal Multiple Access-Based Underwater VLC Systems in the Presence of Turbulence. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	11
18	Diversity Gain Analysis of Underwater Vertical MIMO VLC Links in the Presence of Turbulence. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
19	Weibull Probability Distribution of Wind Speed for Gaza Strip for 10 Years. Applied Mechanics and Materials, 0, 892, 284-291.	0.2	10
20	Transmit Laser Selection for Underwater Visible Light Communication Systems. , 2019, , .		10
21	Performance Analysis and Optimization of Cascaded I2V and V2V VLC Links. , 2021, , .		10
22	Resource Allocation for Downlink OFDMA in Underwater Visible Light Communications. , 2019, , .		9
23	Experimental Characterization of Multi-Hop Vehicular VLC Systems. , 2021, , .		8
24	Adaptive DCO-OFDM for Underwater Visible Light Communications. , 2019, , .		7
25	Vehicle-to-Infrastructure Visible Light Communications: Channel Modelling and Capacity Calculations. , 2020, , .		7
26	Evaluation of Wind Power for Electrical Energy Generation in the Mediterranean Coast of Palestine for 14 Years. International Journal of Electrical and Computer Engineering, 2019, 9, 2212.	0.7	7
27	Asymptotic Performance of Generalized Transmit Laser Selection Over Lognormal Turbulence Channels. IEEE Communications Letters, 2020, 24, 1762-1766.	4.1	6
28	Practical electrical energy production to solve the shortage in electricity in Palestine and Pay Back period. International Journal of Electrical and Computer Engineering, 2019, 9, 4610.	0.7	6
29	Experimental Evaluation of Unipolar OFDM VLC System on Software Defined Platform. , 2019, , .		5
30	Experimental Evaluation of a Software Defined Visible Light Communication System. , 2020, , .		5
31	Vehicular VLC Channel Model for a Low-Beam Headlight Transmitter. , 2021, , .		5
32	Finite-SNR Diversity Gain Analysis of FSO Systems over Gamma-Gamma Fading Channels With Pointing Errors. IEEE Communications Letters, 2021, 25, 1940-1944.	4.1	4
33	Feedback-Free Adaptive Modulation Selection Algorithm for FSO Systems. IEEE Wireless Communications Letters, 2021, 10, 1964-1968.	5.0	4
34	FPGA Based DCO-OFDM PHY Transceiver for VLC Systems. , 2019, , .		1
35	Analysis and Optimization of the Network Throughput in IEEE 802.15.13 based Visible Light Communication Networks. , 2021, , .		1
36	Multi-rate Ripple-Free Deadbeat Control for Nonlinear Systems Using Diophantine Equations. International Journal of Engineering and Technology, 2012, 4, 489-494.	0.2	1