

Survey on Free Space Optical Communication: A Comm

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Practical Switching-Based Hybrid FSO/RF Transmission and Its Performance Analysis. IEEE Photonics Journal, 2014, 6, 1-13.	1.0	159
2	Resilient topology design for free space optical cellular backhaul networking. , 2014, , .		10
3	Optical wireless communications — An emerging technology. , 2014, , .		100
4	Integrated FSO/PON for Broadband Access Networks: A Comprehensive Protocol Stack Design and Analysis. , 2014, , .		0
5	Integrated FSO/PON for Broadband Access Networks: A Comprehensive Protocol Stack Design and Analysis. , 2015, , .		5
6	Outage analysis of q-duplex RF/FSO relaying. , 2015, , .		3
7	Optical intensity modulation direct detection versus heterodyne detection: A high-SNR capacity comparison. , 2015, , .		6
8	Performance analysis of all-optical amplify-and-forward FSO relaying over atmospheric turbulence. , 2015, , .		4
9	Non-reciprocity compensation correction and antenna selection for optical large MIMO system. Optoelectronics Letters, 2015, 11, 461-465.	0.4	0
10	On the performance of dual-hop FSO/RF systems. , 2015, , .		10
11	Techniques to mitigate fading effect in FSO using OFDM. , 2015, , .		2
12	SEP analysis of FSO system employing SIM-MPSK with noisy phase reference. , 2015, , .		4
13	Information theoretic analysis of a dual-hop fixed gain AF based mixed RF-FSO system. , 2015, , .		15
14	A 20-m/40-Gb/s 1550-nm DFB LD-Based FSO Link. IEEE Photonics Journal, 2015, 7, 1-7.	1.0	20
15	CSOWC: A unified classification framework for standardizing optical wireless communications. , 2015, , .		3
16	On the Capacity of the 2-User IM-DD Optical Broadcast Channel. , 2015, , .		5
17	Information theoretic analysis of DF based dual-hop mixed RF-FSO communication systems. , 2015, , .		9
18	Free-space optical communications with peak and average constraints: High SNR capacity approximation. , 2015, , .		1

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19	Impact of correlation on outage performance of FSO system with switch-and-stay diversity receiver. , 2015, , .		3
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21	Experimental demonstration of LED-based vehicle to vehicle communication under atmospheric turbulence. , 2015, , .		18
22	Performance analysis of a DF based dual hop mixed RF-FSO system with a direct RF link. , 2015, , .		19
23	Optical spatial modulation with polarization shift keying over atmospheric turbulence channels. , 2015, , .		2
24	Mixed RF and Hybrid RF/FSO Relaying. , 2015, , .		9
25	Wave-optics simulation of the channel fading in modulating retro-reflector free-space optical link. , 2015, , .		5
26	Effect of partial coherence on MISO FSO systems. , 2015, , .		1
27	Outage capacity and throughput analysis of multiuser FSO systems. , 2015, , .		14
28	Performance analysis of mixed RF/FSO systems. , 2015, , .		7
29	A Multi-Element VLC Architecture for High Spatial Reuse. , 2015, , .		5
30	10 Gbps all-optical relay-assisted FSO system over a turbulence channel. , 2015, , .		8
31	Optimization of Free Space Optical Wireless Network for Cellular Backhauling. IEEE Journal on Selected Areas in Communications, 2015, 33, 1841-1854.	9.7	51
32	Inter-aperture correlation in MIMO free space optical systems. Optics Communications, 2015, 353, 139-146.	1.0	9
33	On the Performance of Multihop Heterodyne FSO Systems With Pointing Errors. IEEE Photonics Journal, 2015, 7, 1-10.	1.0	29
34	LED Based Indoor Visible Light Communications: State of the Art. IEEE Communications Surveys and Tutorials, 2015, 17, 1649-1678.	24.8	683
35	Sensitivity modeling of binary optical receivers. Applied Optics, 2015, 54, 8254.	2.1	13
36	Ergodic capacity analysis for DF strategies in cooperative FSO systems. Optics Express, 2015, 23, 21565.	1.7	5

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43	Performance of a Free-Space-Optical Relay-Assisted Hybrid RF/FSO System in Generalized γ - μ -Distributed Channels. IEEE Photonics Journal, 2015, 7, 1-19.	1.0	64
44	A High-Speed Camera-Based Approach to Massive Sound Sensing With Optical Wireless Acoustic Sensors. IEEE Transactions on Computational Imaging, 2015, 1, 126-139.	2.6	10
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46	Visible Light Communication, Networking, and Sensing: A Survey, Potential and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 2047-2077.	24.8	1,099
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54	Performance improvement of terrestrial free-space optical communications by mitigating the focal-spot wandering. Journal of Modern Optics, 2016, 63, 2339-2347.	0.6	26

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57	Polarization shift keying with pulse position modulation over atmospheric turbulence channels. , 2016, , .		3
58	Formulation of path selection by means of maximum flow and minimum delay on a Free Space Optical topology. , 2016, , .		0
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60	Selection of path and wavelength for setting up a free space optical link. , 2016, , .		1
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67	TCP over free-space optical links with ARQ and AMC: A cross-layer performance analysis. , 2016, , .		4
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74	Effect of Rain & Haze on Availability of Terrestrial Free Space Optical Link under Tropical Weather Conditions. , 2016, , .		1
75	A 50 m/40 Gbps 680-nm VCSEL-based FSO communication. , 2016, , .		2
76	Prospects of differential optical receiver with ambient light compensation in vehicular visible light communication. , 2016, , .		5
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118	Performance analysis of SIM-DPSK FSO system over lognormal fading with pointing errors. , 2016, , .		15
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120	Information Theoretic Analysis of a Dual-Hop DF Based FSO Communication System. , 2016, , .		2
121	Experimental demonstration of outdoor 2.2 Tbps super-channel FSO transmission system. , 2016, , .		25
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123	Two-way all-optical AF relaying FSO systems over Malaga (M) channels with pointing errors. , 2016, , .		8
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147	A 50-m/40 Gb/s 680-nm VCSEL-Based FSO Communication. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	14
148	MISO Relay-Assisted FSO Systems Over Gamma-Gamma Fading Channels With Pointing Errors. IEEE Photonics Technology Letters, 2016, 28, 229-232.	1.3	21
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