

# Stanislav Zvanovec

## List of Publications by Year in descending order

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169  
papers

2,420  
citations

257357

24  
h-index

315616

38  
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172  
all docs

172  
docs citations

172  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Channel Characteristics of Visible Light Communications Within Dynamic Indoor Environment. Journal of Lightwave Technology, 2015, 33, 1719-1725.	2.7	135
2	A Multi-CAP Visible-Light Communications System With 4.85-b/s/Hz Spectral Efficiency. IEEE Journal on Selected Areas in Communications, 2015, 33, 1771-1779.	9.7	85
3	Experimental Investigation of All-Optical Relay-Assisted 10 Gb/s FSO Link Over the Atmospheric Turbulence Channel. Journal of Lightwave Technology, 2017, 35, 45-53.	2.7	76
4	Multi-band carrier-less amplitude and phase modulation for bandlimited visible light communications systems. IEEE Wireless Communications, 2015, 22, 46-53.	6.6	68
5	Visible Light Communications towards 5G. Radioengineering, 2015, 24, 1-9.	0.3	67
6	Undersampled-Based Modulation Schemes for Optical Camera Communications. , 2018, 56, 204-212.		63
7	24-26 GHz radio-over-fiber and free-space optics for fifth-generation systems. Optics Letters, 2018, 43, 1035.	1.7	57
8	Experimental Demonstration of High-Speed 4 Å– 4 Imaging Multi-CAP MIMO Visible Light Communications. Journal of Lightwave Technology, 2018, 36, 1944-1951.	2.7	56
9	Experimental characterization and mitigation of turbulence induced signal fades within an ad hoc FSO network. Optics Express, 2014, 22, 3208.	1.7	44
10	Low loss and high performance interconnection between standard single-mode fiber and antiresonant hollow-core fiber. Scientific Reports, 2021, 11, 8799.	1.6	42
11	M-QAM transmission over hybrid microwave photonic links at the K-band. Optics Express, 2019, 27, 33745.	1.7	41
12	Experimental verification of an all-optical dual-hop 10 Gbit/s free-space optics link under turbulence regimes. Optics Letters, 2015, 40, 391.	1.7	38
13	UHF RF Identification of People in Indoor and Open Areas. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1341-1347.	2.9	34
14	Quantized Feedback-Based Differential Signaling for Free-Space Optical Communication System. IEEE Transactions on Communications, 2016, 64, 5176-5188.	4.9	34
15	Demonstration of a Hybrid FSO/MLC Link for the Last Mile and Last Meter Networks. IEEE Photonics Journal, 2019, 11, 1-7.	1.0	34
16	Seamless 25 GHz Transmission of LTE 4/16/64-QAM Signals Over Hybrid SMF/FSO and Wireless Link. Journal of Lightwave Technology, 2019, 37, 6040-6047.	2.7	33
17	Data Rate Enhancement in Optical Camera Communications Using an Artificial Neural Network Equaliser. IEEE Access, 2020, 8, 42656-42665.	2.6	33
18	FSO Detection Using Differential Signaling in Outdoor Correlated-Channels Condition. IEEE Photonics Technology Letters, 2016, 28, 55-58.	1.3	32

#	ARTICLE	IF	CITATIONS
19	Combined effect of turbulence and aerosol on free-space optical links. <i>Applied Optics</i> , 2017, 56, 336.	2.1	31
20	Channel Characterization and Modeling for Optical Wireless Body-Area Networks. <i>IEEE Open Journal of the Communications Society</i> , 2020, 1, 760-776.	4.4	30
21	Optical Internet of Things within 5G: Applications and Challenges. , 2018, , .		29
22	Low-Loss and Low-Back-Reflection Hollow-Core to Standard Fiber Interconnection. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 723-726.	1.3	27
23	400nm rolling-shutter-based optical camera communications link. <i>Optics Letters</i> , 2020, 45, 1059.	1.7	27
24	Impact of Link Parameters and Channel Correlation on the Performance of FSO Systems With the Differential Signaling Technique. <i>Journal of Optical Communications and Networking</i> , 2017, 9, 138.	3.3	26
25	Effect of Correlation on BER Performance of the FSO-MISO System With Repetition Coding Over Gamma-Gamma Turbulence. <i>IEEE Photonics Journal</i> , 2017, 9, 1-15.	1.0	25
26	On the m-CAP Performance with Different Pulse Shaping Filters Parameters for Visible Light Communications. <i>IEEE Photonics Journal</i> , 2017, 9, 1-12.	1.0	25
27	Analysis of Nyquist Pulse Shapes for Carrierless Amplitude and Phase Modulation in Visible Light Communications. <i>Journal of Lightwave Technology</i> , 2018, 36, 5023-5029.	2.7	25
28	Non-Line-of-Sight MIMO Space-Time Division Multiplexing Visible Light Optical Camera Communications. <i>Journal of Lightwave Technology</i> , 2019, 37, 2409-2417.	2.7	25
29	Optical Camera Communications for IoT-Rolling-Shutter Based MIMO Scheme with Grouped LED Array Transmitter. <i>Sensors</i> , 2020, 20, 3361.	2.1	24
30	Route diversity analyses for free-space optical wireless links within turbulent scenarios. <i>Optics Express</i> , 2013, 21, 7641.	1.7	22
31	Circular Lattice Photonic Crystal Fiber for Mid-IR Supercontinuum Generation. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2736-2739.	1.3	22
32	An Indoor Visible Light Positioning System Using Tilted LEDs with High Accuracy. <i>Sensors</i> , 2021, 21, 920.	2.1	22
33	Experimental verification of long-term evolution radio transmissions over dual-polarization combined fiber and free-space optics optical infrastructures. <i>Applied Optics</i> , 2016, 55, 2109.	2.1	21
34	Dual Purpose Antenna for Hybrid Free Space Optics/RF Communication Systems. <i>Journal of Lightwave Technology</i> , 2016, 34, 3432-3439.	2.7	21
35	Experimentally Derived Feasibility of Optical Camera Communications under Turbulence and Fog Conditions. <i>Sensors</i> , 2020, 20, 757.	2.1	21
36	Vehicular VLC: A Ray Tracing Study Based on Measured Radiation Patterns of Commercial Taillights. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 904-907.	1.3	21

#	ARTICLE	IF	CITATIONS
37	Visible light communications: multi-band super-Nyquist CAP modulation. <i>Optics Express</i> , 2019, 27, 8912.	1.7	21
38	Visible light communications: increasing data rates with polarization division multiplexing. <i>Optics Letters</i> , 2020, 45, 2977.	1.7	21
39	Outage Analysis of a SIMO FSO System Over an Arbitrarily Correlated $M$ -Distributed Channel. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 141-144.	1.3	20
40	Mobile User Connectivity in Relay-Assisted Visible Light Communications. <i>Sensors</i> , 2018, 18, 1125.	2.1	20
41	Utilization of an OLED-Based VLC System in Office, Corridor, and Semi-Open Corridor Environments. <i>Sensors</i> , 2020, 20, 6869.	2.1	20
42	Coverage of a shopping mall with flexible OLED-based visible light communications. <i>Optics Express</i> , 2020, 28, 10015.	1.7	20
43	Long-Length and Thermally Stable High-Finesse Fabry-Perot Interferometers Made of Hollow Core Optical Fiber. <i>Journal of Lightwave Technology</i> , 2020, 38, 2423-2427.	2.7	19
44	Optical camera communication system for Internet of Things based on organic light emitting diodes. <i>Electronics Letters</i> , 2019, 55, 334-336.	0.5	18
45	Performance evaluation of neural network assisted motion detection schemes implemented within indoor optical camera based communications. <i>Optics Express</i> , 2019, 27, 24082.	1.7	18
46	Non-line-of-sight indoor optical camera communications. <i>Applied Optics</i> , 2018, 57, B144.	0.9	17
47	Experimental analysis of a triple-hop relay-assisted FSO system with turbulence. <i>Optical Switching and Networking</i> , 2019, 33, 194-198.	1.2	17
48	Characterization of dual-polarization LTE radio over a free-space optical turbulence channel. <i>Applied Optics</i> , 2015, 54, 7082.	2.1	16
49	Adaptation of Mode Filtering Technique in 4G-LTE Hybrid RoMMF-FSO for Last-Mile Access Network. <i>Journal of Lightwave Technology</i> , 2017, 35, 3758-3764.	2.7	16
50	Vehicular Visible Light Communications: The Impact of Taillight Radiation Pattern. , 2020, , .		16
51	The Utilization of Artificial Neural Network Equalizer in Optical Camera Communications. <i>Sensors</i> , 2021, 21, 2826.	2.1	16
52	Experimental all-optical relay-assisted FSO link with regeneration and forward scheme for ultra-short pulse transmission. <i>Optics Express</i> , 2019, 27, 22127.	1.7	16
53	Influences of turbulences in near vicinity of buildings on free-space optical links. <i>IET Microwaves, Antennas and Propagation</i> , 2011, 5, 1039.	0.7	15
54	Fused fiber components for eye-safe spectral region around $2 \mu\text{m}$ . <i>Optical and Quantum Electronics</i> , 2014, 46, 603-611.	1.5	15

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55	Long-Term Polarization Mode Dispersion Evolution and Accelerated Aging in Old Optical Cables. IEEE Photonics Technology Letters, 2017, 29, 519-522.	1.3	15
56	Equivalent Circuit Model of High Power LEDs for VLC Systems. , 2019, , .		15
57	A Simplified Model for the Rolling Shutter Based Camera in Optical Camera Communications. , 2019, , .		15
58	Impact of Thermal-Induced Turbulent Distribution Along FSO Link on Transmission of Photonically Generated mmW Signals in the Frequency Range 26â€”40 GHz. IEEE Photonics Journal, 2020, 12, 1-9.	1.0	15
59	Wideband QAM-over-SMF/turbulent FSO downlinks in a PON architecture for ubiquitous connectivity. Optics Communications, 2020, 475, 126281.	1.0	15
60	Polarization Division Multiplexing-Based Hybrid Microwave Photonic Links for Simultaneous mmW and Sub-6 GHz Wireless Transmissions. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	15
61	Performance Evaluation of Seamless 5G Outdoor RoFSO Transmission at 39 GHz. IEEE Photonics Technology Letters, 2022, 34, 7-10.	1.3	15
62	Combination of visible light and radio frequency bands for device-to-device communication. , 2017, , .		14
63	Non-Orthogonal Multi-band CAP for Highly Spectrally Efficient VLC Systems. , 2018, , .		14
64	An Equivalent Circuit Model of a Commercial LED With an ESD Protection Component for VLC. IEEE Photonics Technology Letters, 2021, 33, 777-779.	1.3	14
65	Sandstorm effect on experimental optical camera communication. Applied Optics, 2021, 60, 75.	0.9	14
66	Modified Octagonal Photonic Crystal Fiber for Residual Dispersion Compensation over Telecommunication Bands. Radioengineering, 2018, 27, 10-15.	0.3	13
67	A 40 Mb/s VLC System Reusing an Existing Large LED Panel in an Indoor Office Environment. Sensors, 2021, 21, 1697.	2.1	13
68	Performance of Vehicular Visible Light Communications under the Effects of Atmospheric Turbulence with Aperture Averaging. Sensors, 2021, 21, 2751.	2.1	13
69	Photonic multiple millimeter wave signal generation and distribution over reconfigurable hybrid SSMF/FSO links. Optical Fiber Technology, 2020, 54, 102085.	1.4	12
70	Optical camera communications link using an LED-coupled illuminating optical fiber. Optics Letters, 2021, 46, 2622.	1.7	12
71	Interference cancellation in MIMO NLOS optical-camera-communication-based intelligent transport systems. Applied Optics, 2019, 58, 9384.	0.9	12
72	LiFi Experiments in a Hospital. , 2020, , .		12

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73	Experimental validation of indoor relay-assisted visible light communications for a last-meter access network. <i>Optics Communications</i> , 2019, 451, 319-322.	1.0	11
74	Should Analogue Pre-Equalisers be Avoided in VLC Systems?. <i>IEEE Photonics Journal</i> , 2020, 12, 1-14.	1.0	11
75	A SIMO Hybrid Visible-Light Communication System for Optical IoT. <i>IEEE Internet of Things Journal</i> , 2022, 9, 3548-3558.	5.5	11
76	Wireless Sensor Networks Using Sub-Pixel Optical Camera Communications: Advances in Experimental Channel Evaluation. <i>Sensors</i> , 2021, 21, 2739.	2.1	11
77	Indoor Intruder Tracking Using Visible Light Communications. <i>Sensors</i> , 2019, 19, 4578.	2.1	10
78	Experimental and Analytical Investigations of an Optically Pre-Amplified FSO-MIMO System With Repetition Coding Over Non-Identically Distributed Correlated Channels. <i>IEEE Access</i> , 2020, 8, 12188-12203.	2.6	10
79	Optical Fiber Delay Lines in Microwave Photonics: Sensitivity to Temperature and Means to Reduce it. <i>Journal of Lightwave Technology</i> , 2021, 39, 2311-2318.	2.7	10
80	Analysis and simulation of a hybrid visible-light/infrared optical wireless network for IoT applications. <i>Journal of Optical Communications and Networking</i> , 2022, 14, 69.	3.3	10
81	The use of the Fabry-Pérot interferometer for high resolution microwave spectroscopy. <i>Journal of Molecular Spectroscopy</i> , 2009, 256, 141-145.	0.4	9
82	Hybrid RoF-RoFSO System Using Directly Modulated Laser for 24 – 26 GHz 5G Networks. , 2018, , .		9
83	Differential Signalling in Free-Space Optical Communication Systems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 872.	1.3	9
84	Mitigation of dispersion and turbulence in a hybrid optical fibre and free-space optics link using electronic equalisation. <i>Optik</i> , 2019, 196, 163154.	1.4	9
85	Efficient Exploitation of Radio Frequency and Visible Light Communication Bands for D2D in Mobile Networks. <i>IEEE Access</i> , 2019, 7, 168922-168933.	2.6	9
86	On the 40 GHz Remote Versus Local Photonic Generation for DML-Based C-RAN Optical Fronthaul. <i>Journal of Lightwave Technology</i> , 2021, 39, 6712-6723.	2.7	9
87	Optical Filter-Less WDM for Visible Light Communications Using Defocused MIMO. <i>Electronics (Switzerland)</i> , 2021, 10, 1065.	1.8	9
88	Statistical channel modelling of dynamic vehicular visible light communication system. <i>Vehicular Communications</i> , 2021, 29, 100339.	2.7	9
89	Experimental comparison of DSB and CS-DSB mmW formats over a hybrid fiber and FSO fronthaul network for 5G. <i>Optics Express</i> , 2021, 29, 27768.	1.7	9
90	Spatial frequency-based angular behavior of a short-range flicker-free MIMO-OCC link. <i>Applied Optics</i> , 2020, 59, 10357.	0.9	9

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91	Variable m-CAP for bandlimited Visible Light Communications. , 2017, , .		8
92	Impact of Channel Correlation on Different Performance Metrics of OSSK-Based FSO Systems. IEEE Transactions on Wireless Communications, 2020, 19, 1593-1609.	6.1	8
93	New Approach to Modeling of Diffuse Reflection and Scattering for Millimeter-wave Systems in Indoor Scenarios. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 719-722.	0.4	8
94	Evaluation of Multi-band Carrier-less Amplitude and Phase Modulation Performance for VLC under Various Pulse Shaping Filter Parameters. , 2016, , .		8
95	The first tests of smartphone camera exposure effect on optical camera communication links. , 2019, , .		7
96	Expanded Multiband Super-Nyquist CAP Modulation for Highly Bandlimited Organic Visible Light Communications. IEEE Systems Journal, 2020, 14, 2544-2550.	2.9	7
97	Fundamental Analysis of Vehicular Light Communications and the Mitigation of Sunlight Noise. IEEE Transactions on Vehicular Technology, 2021, 70, 5932-5943.	3.9	7
98	Analyses of dual polarization WDM and SCM Radio over Fiber and Radio over FSO for C-RAN architecture. , 2016, , .		6
99	Usability of a 5G Fronthaul Based on a DML and External Modulation for M-QAM Transmission Over Photonically Generated 40 GHz. IEEE Access, 2020, 8, 223730-223742.	2.6	6
100	Transmitters for Combined Radio Over a Fiber and Outdoor Millimeter-Wave System at 25 GHz. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	6
101	Performance Analysis and Software-Defined Implementation of Real-Time MIMO FSO With Adaptive Switching in GNU Radio Platform. IEEE Access, 2021, 9, 92168-92177.	2.6	6
102	Distributed Multiuser MIMO for LiFi: Experiments in an Operating Room. Journal of Lightwave Technology, 2021, 39, 5730-5743.	2.7	6
103	Influence of Camera Setting on Vehicle-to-Vehicle VLC Employing Undersampled Phase Shift On-Off Keying. Radioengineering, 2017, 26, 946-953.	0.3	6
104	Experimental multi-user VLC system using non-orthogonal multi-band CAP modulation. Optics Express, 2020, 28, 18241.	1.7	6
105	Adaptation of transmitting signals over joint aged optical fiber and free space optical network under harsh environments. Optik, 2017, 151, 7-17.	1.4	5
106	Sectorised base stations for FSO ground-to-rail communications. IET Optoelectronics, 2020, 14, 312-318.	1.8	5
107	Analysis of nonline-of-sight visible light communications. Optical Engineering, 2017, 56, 1.	0.5	5
108	Filter-less WDM for visible light communications using colored pulse amplitude modulation. Optics Letters, 2019, 44, 4849.	1.7	5

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109	Comprehensive optical and electrical characterization and evaluation of organic light-emitting diodes for visible light communication. <i>Optical Engineering</i> , 2020, 59, 1.	0.5	5
110	Mitigation of time-spatial influence in free-space optical networks utilizing route diversity. , 2012, , .		4
111	Structurally-modified tapered optical fiber sensors for long-term detection of liquids. <i>Optical Fiber Technology</i> , 2019, 47, 187-191.	1.4	4
112	M-QAM signal transmission at the photonicly generated K-band over thermal-induced turbulent FSO links with different turbulence distributions. <i>Applied Optics</i> , 2020, 59, 4997.	0.9	4
113	A Full-Digital <i>M</i> -CAP Receiver With Synchronisation and Adaptive Blind Equalisation for Visible Light Communications. <i>Journal of Lightwave Technology</i> , 2022, 40, 2409-2426.	2.7	4
114	Fire Emissivity Detection by a Microwave Radiometer. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 2306-2310.	1.4	3
115	Polarization Differential Visible Light Communication: Theory and Experimental Evaluation. <i>Sensors</i> , 2020, 20, 5661.	2.1	3
116	A Head/Tailight Featuring Hybrid Planar Visible Light Communications/Millimetre Wave Antenna for Vehicular Communications. <i>IEEE Access</i> , 2020, 8, 135722-135729.	2.6	3
117	Vehicle-to-Vehicle Relay-Assisted VLC With Misalignment Induced Azimuth or Elevation Offset Angles. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 908-911.	1.3	3
118	The BER performance of a FSO system with polar codes under weak turbulence. <i>IET Optoelectronics</i> , 0, , .	1.8	3
119	Experimental Demonstration of a 40 Mb/s VLC System Using a Large Off-the-Shelf LED Panel. , 2020, , .		3
120	A Multi-Hop Relay Based Routing Algorithm for Vehicular Visible Light Communication Networks. , 2020, , .		3
121	Investigation of a WDM M-QAM RoF-RoFSO System. , 2020, , .		3
122	Design and Implementation of an Optical Camera Communication System for Wireless Sensor Networking in Farming Fields. , 2021, , .		3
123	Experimental Characterization of Fiber Optic Lighting - Optical Camera Communications. , 2021, , .		3
124	Full-duplex transmission of multi-Gb/s subcarrier multiplexing and 5G NR signals in 39 GHz band over fiber and space. <i>Applied Optics</i> , 2022, 61, 1183.	0.9	3
125	The Usage of ANN for Regression Analysis in Visible Light Positioning Systems. <i>Sensors</i> , 2022, 22, 2879.	2.1	3
126	Single-shot all-optical sampling oscilloscope using a polarization-maintaining resonator for pulse replication. <i>Microwave and Optical Technology Letters</i> , 2010, 52, 2452-2456.	0.9	2



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127	Diversity for Mitigating Channel Effects. Signals and Communication Technology, 2016, , 431-450.	0.4	2
128	On Optically Pre-Amplified FSO-MISO Non-Identical Links with Correlation: Experiment and Analysis. , 2019, , .		2
129	Experimental demonstration of a microwave photonic link using an optically phased antenna array for a millimeter wave band. Applied Optics, 2021, 60, 1013.	0.9	2
130	Editorial to the Special Issue on "Visible Light Communications, Networking, and Sensing" Sensors, 2021, 21, 4004.	2.1	2
131	A Relay-Assisted Vehicular Visible Light Communications Network. , 2020, , .		2
132	Impact of Receiver Orientation on OLED-based Visible-Light D2D Communications. , 2021, , .		2
133	An Artificial Neural Network Equalizer for Constant Power 4-PAM in Optical Camera Communications. , 2020, , .		2
134	Unipolar-pulse amplitude modulation frequency division multiplexing for visible light communication systems. Optical Engineering, 2020, 59, .	0.5	2
135	A Flexible OLED VLC System for an Office Environment. , 2020, , .		2
136	Experimental validation of a 64-QAM LTE radio-over-fiber and free-space optics link at the 2000 nm band. , 2020, , .		2
137	Performance Analysis of Optical Intra-WBAN Links. , 2020, , .		2
138	Visible light communication with OLEDs for D2D communications considering user movement and receiver orientations. Applied Optics, 2022, 61, 676.	0.9	2
139	A Visible Light Positioning System based on Support Vector Machines. , 2021, , .		2
140	Optical CS-DSB Schemes for 5G mmW Fronthaul Seamless Transmission. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	2
141	Improved axial feeding of Fabry-Pérot resonator for high-resolution spectroscopy applications. Microwave and Optical Technology Letters, 2011, 53, 2456-2462.	0.9	1
142	Laboratory and outdoor availability and spatial coherence tests of wireless optical links. , 2013, , .		1
143	Performance of Space Shift Keying over a Correlated Gamma-Gamma FSO-MISO Channel. , 2018, , .		1
144	Experimentally and analytically derived generalized model for the detection of liquids with suspended-core optical fibers. Optical Fiber Technology, 2018, 45, 295-299.	1.4	1

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145	Exact modeling of photonic crystal fibers for determination of fundamental properties. Optical Fiber Technology, 2020, 56, 102177.	1.4	1
146	Flexible Multiband Signal Transmission using a Directly Modulated Laser over Photonically Generated 40 GHz. , 2021, , .		1
147	Special Issue on: Optical Wireless Communications for Emerging Connectivity Requirements. IEEE Open Journal of the Communications Society, 2021, 2, 82-86.	4.4	1
148	Antenna Phased Array Beamforming at 26 GHz Using Optical True Time-Delay. , 2020, , .		1
149	Turbulence mitigation in a 28GHz radio-over-free-space optics link using an integrated Mach-Zehnder interferometer and a diversity combining receiver. IET Communications, 2020, 14, 3373-3379.	1.5	1
150	Implementation and Evaluation of a 10 Gbps Real-time FSO Link. , 2020, , .		1
151	Performance Analysis of Indoor Vehicular VLC Links for Autonomous Driving. , 2021, , .		1
152	The Impact of Blocking and Shadowing on the Indoor Visible Light Positioning System. , 2021, , .		1
153	Emission spectroscopic measurement in Fabry-Perot resonator: Different methods of spectra evaluation. , 2012, , .		0
154	Application of Conventional G.652 Optical Fibers with Increased Evanescent-wave Overlap for Detection of Liquids. , 2018, , .		0
155	Non-Orthogonal Variable Multi-Band Carrier-Less Amplitude and Phase Modulation with Reduced Subcarriers. , 2019, , .		0
156	Corrections to "Channel Characteristics of Visible Light Communications Within Dynamic Indoor Environment" [May 15 1719-1725]. Journal of Lightwave Technology, 2019, 37, 3435-3435.	2.7	0
157	Interconnecting hollow-core fibers. , 2021, , .		0
158	Multiband IFoF signal transmission based on DML with local photonic 40 GHz up conversion. , 2021, , .		0
159	The Evaluation of an RoF System Using FSO and a Seamless Antenna Link for the 5G RAN. , 2021, , .		0
160	An Evaluation of Approaches for Modeling of Terrestrial, HAP and Satellite Systems Performance during Rain Events. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 716-718.	0.4	0
161	Influence of Receiver Orientation on Differential Polarization-based VLC. , 2020, , .		0
162	Flicker-free Multi-channel Transmitter Orientation in Camera based Optical Wireless Communications. , 2020, , .		0

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163	Performance of an Indoor Flexible OLED-based VLC Link. , 2020, , .		0
164	Bandwidth Dependency of (O)LEDs on Bias current. , 2020, , .		0
165	64-QAM LTE signal transmission at 25 GHz over hybrid SSMF and non-uniform turbulent FSO channel. , 2020, , .		0
166	Polarization Stable Hollow Core Fiber Interferometer With Faraday Rotator Mirrors. IEEE Photonics Technology Letters, 2021, 33, 1503-1506.	1.3	0
167	Effect of erbium-doped fiber amplifier loss compensation on 5G new radio millimeter-wave seamless transmission over analog fiber and free space optical fronthaul at 60 GHz. Optical Engineering, 2022, 61, .	0.5	0
168	Experimental real-time GbE MIMO FSO under fog conditions with software defined GNU Radio platform-based adaptive switching. Journal of Optical Communications and Networking, 2022, 14, 629.	3.3	0
169	Optimization and Design of a Diffuse OpticalWireless Sensor Network. Applied Optics, 0, , .	0.9	0