

# Stanislav Zvanovec

## List of Publications by Year in descending order

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169  
papers

2,420  
citations

257357

24  
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315616

38  
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172  
all docs

172  
docs citations

172  
times ranked

1535  
citing authors

#	ARTICLE	IF	CITATIONS
1	A SIMO Hybrid Visible-Light Communication System for Optical IoT. IEEE Internet of Things Journal, 2022, 9, 3548-3558.	5.5	11
2	Analysis and simulation of a hybrid visible-light/infrared optical wireless network for IoT applications. Journal of Optical Communications and Networking, 2022, 14, 69.	3.3	10
3	A Full-Digital M-CAP Receiver With Synchronisation and Adaptive Blind Equalisation for Visible Light Communications. Journal of Lightwave Technology, 2022, 40, 2409-2426.	2.7	4
4	Visible light communication with OLEDs for D2D communications considering user movement and receiver orientations. Applied Optics, 2022, 61, 676.	0.9	2
5	Performance Evaluation of Seamless 5G Outdoor RoFSO Transmission at 39 GHz. IEEE Photonics Technology Letters, 2022, 34, 7-10.	1.3	15
6	Full-duplex transmission of multi-Gb/s subcarrier multiplexing and 5G NR signals in 39 GHz band over fiber and space. Applied Optics, 2022, 61, 1183.	0.9	3
7	Optical CS-DSB Schemes for 5G mmW Fronthaul Seamless Transmission. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	2
8	The Usage of ANN for Regression Analysis in Visible Light Positioning Systems. Sensors, 2022, 22, 2879.	2.1	3
9	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
10	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
11	An Indoor Visible Light Positioning System Using Tilted LEDs with High Accuracy. Sensors, 2021, 21, 920.	2.1	22
12	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
13	On the 40 GHz Remote Versus Local Photonic Generation for DML-Based C-RAN Optical Fronthaul. Journal of Lightwave Technology, 2021, 39, 6712-6723.	2.7	9
14	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
15	A 40 Mb/s VLC System Reusing an Existing Large LED Panel in an Indoor Office Environment. Sensors, 2021, 21, 1697.	2.1	13
16	Optical Fiber Delay Lines in Microwave Photonics: Sensitivity to Temperature and Means to Reduce it. Journal of Lightwave Technology, 2021, 39, 2311-2318.	2.7	10
17	Optical Filter-Less WDM for Visible Light Communications Using Defocused MIMO. Electronics (Switzerland), 2021, 10, 1065.	1.8	9
18	Performance of Vehicular Visible Light Communications under the Effects of Atmospheric Turbulence with Aperture Averaging. Sensors, 2021, 21, 2751.	2.1	13

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19	The Utilization of Artificial Neural Network Equalizer in Optical Camera Communications. Sensors, 2021, 21, 2826.	2.1	16
20	Low loss and high performance interconnection between standard single-mode fiber and antiresonant hollow-core fiber. Scientific Reports, 2021, 11, 8799.	1.6	42
21	Wireless Sensor Networks Using Sub-Pixel Optical Camera Communications: Advances in Experimental Channel Evaluation. Sensors, 2021, 21, 2739.	2.1	11
22	Optical camera communications link using an LED-coupled illuminating optical fiber. Optics Letters, 2021, 46, 2622.	1.7	12
23	Flexible Multiband Signal Transmission using a Directly Modulated Laser over Photonically Generated 40 GHz. , 2021, , .		1
24	Fundamental Analysis of Vehicular Light Communications and the Mitigation of Sunlight Noise. IEEE Transactions on Vehicular Technology, 2021, 70, 5932-5943.	3.9	7
25	Editorial to the Special Issue on "Visible Light Communications, Networking, and Sensing". Sensors, 2021, 21, 4004.	2.1	2
26	Statistical channel modelling of dynamic vehicular visible light communication system. Vehicular Communications, 2021, 29, 100339.	2.7	9
27	Interconnecting hollow-core fibers. , 2021, , .		0
28	Vehicle-to-Vehicle Relay-Assisted VLC With Misalignment Induced Azimuth or Elevation Offset Angles. IEEE Photonics Technology Letters, 2021, 33, 908-911.	1.3	3
29	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
30	Vehicular VLC: A Ray Tracing Study Based on Measured Radiation Patterns of Commercial Taillights. IEEE Photonics Technology Letters, 2021, 33, 904-907.	1.3	21
31	Experimental comparison of DSB and CS-DSB mmW formats over a hybrid fiber and FSO fronthaul network for 5G. Optics Express, 2021, 29, 27768.	1.7	9
32	Distributed Multiuser MIMO for LiFi: Experiments in an Operating Room. Journal of Lightwave Technology, 2021, 39, 5730-5743.	2.7	6
33	Special Issue on: Optical Wireless Communications for Emerging Connectivity Requirements. IEEE Open Journal of the Communications Society, 2021, 2, 82-86.	4.4	1
34	Sandstorm effect on experimental optical camera communication. Applied Optics, 2021, 60, 75.	0.9	14
35	Impact of Receiver Orientation on OLED-based Visible-Light D2D Communications. , 2021, , .		2
36	Multiband IFoF signal transmission based on DML with local photonic 40 GHz up conversion. , 2021, , .		0

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37	The Evaluation of an RoF System Using FSO and a Seamless Antenna Link for the 5G RAN. , 2021, , .		0
38	Design and Implementation of an Optical Camera Communication System for Wireless Sensor Networking in Farming Fields. , 2021, , .		3
39	A Visible Light Positioning System based on Support Vector Machines. , 2021, , .		2
40	Performance Analysis of Indoor Vehicular VLC Links for Autonomous Driving. , 2021, , .		1
41	The Impact of Blocking and Shadowing on the Indoor Visible Light Positioning System. , 2021, , .		1
42	Experimental Characterization of Fiber Optic Lighting - Optical Camera Communications. , 2021, , .		3
43	Polarization Stable Hollow Core Fiber Interferometer With Faraday Rotator Mirrors. IEEE Photonics Technology Letters, 2021, 33, 1503-1506.	1.3	0
44	Expanded Multiband Super-Nyquist CAP Modulation for Highly Bandlimited Organic Visible Light Communications. IEEE Systems Journal, 2020, 14, 2544-2550.	2.9	7
45	Experimental and Analytical Investigations of an Optically Pre-Amplified FSO-MIMO System With Repetition Coding Over Non-Identically Distributed Correlated Channels. IEEE Access, 2020, 8, 12188-12203.	2.6	10
46	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
47	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
48	Polarization Differential Visible Light Communication: Theory and Experimental Evaluation. Sensors, 2020, 20, 5661.	2.1	3
49	A Head/Taillight Featuring Hybrid Planar Visible Light Communications/Millimetre Wave Antenna for Vehicular Communications. IEEE Access, 2020, 8, 135722-135729.	2.6	3
50	Channel Characterization and Modeling for Optical Wireless Body-Area Networks. IEEE Open Journal of the Communications Society, 2020, 1, 760-776.	4.4	30
51	Utilization of an OLED-Based VLC System in Office, Corridor, and Semi-Open Corridor Environments. Sensors, 2020, 20, 6869.	2.1	20
52	Wideband QAM-over-SMF/turbulent FSO downlinks in a PON architecture for ubiquitous connectivity. Optics Communications, 2020, 475, 126281.	1.0	15
53	Sectorised base stations for FSO groundâ€”train communications. IET Optoelectronics, 2020, 14, 312-318.	1.8	5
54	Vehicular Visible Light Communications: The Impact of Taillight Radiation Pattern. , 2020, , .		16

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55	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
56	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
57	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
58	Exact modeling of photonic crystal fibers for determination of fundamental properties. Optical Fiber Technology, 2020, 56, 102177.	1.4	1
59	Optical Camera Communications for IoT – Rolling-Shutter Based MIMO Scheme with Grouped LED Array Transmitter. Sensors, 2020, 20, 3361.	2.1	24
60	Experimentally Derived Feasibility of Optical Camera Communications under Turbulence and Fog Conditions. Sensors, 2020, 20, 757.	2.1	21
61	Data Rate Enhancement in Optical Camera Communications Using an Artificial Neural Network Equaliser. IEEE Access, 2020, 8, 42656-42665.	2.6	33
62	Photonic multiple millimeter wave signal generation and distribution over reconfigurable hybrid SSMF/FSO links. Optical Fiber Technology, 2020, 54, 102085.	1.4	12
63	Long-Length and Thermally Stable High-Finesse Fabry-Perot Interferometers Made of Hollow Core Optical Fiber. Journal of Lightwave Technology, 2020, 38, 2423-2427.	2.7	19
64	Should Analogue Pre-Equalisers be Avoided in VLC Systems?. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	11
65	Antenna Phased Array Beamforming at 26 GHz Using Optical True Time-Delay. , 2020, , .		1
66	Experimental Demonstration of a 40 Mb/s VLC System Using a Large Off-the-Shelf LED Panel. , 2020, , .		3
67	A Relay-Assisted Vehicular Visible Light Communications Network. , 2020, , .		2
68	M-QAM signal transmission at the photonically generated K-band over thermal-induced turbulent FSO links with different turbulence distributions. Applied Optics, 2020, 59, 4997.	0.9	4
69	Spatial frequency-based angular behavior of a short-range flicker-free MIMO – OCC link. Applied Optics, 2020, 59, 10357.	0.9	9
70	Coverage of a shopping mall with flexible OLED-based visible light communications. Optics Express, 2020, 28, 10015.	1.7	20
71	400 – nm rolling-shutter-based optical camera communications link. Optics Letters, 2020, 45, 1059.	1.7	27
72	Visible light communications: increasing data rates with polarization division multiplexing. Optics Letters, 2020, 45, 2977.	1.7	21

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73	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
74	Experimental multi-user VLC system using non-orthogonal multi-band CAP modulation. <i>Optics Express</i> , 2020, 28, 18241.	1.7	6
75	An Artificial Neural Network Equalizer for Constant Power 4-PAM in Optical Camera Communications. , 2020, , .		2
76	Influence of Receiver Orientation on Differential Polarization-based VLC. , 2020, , .		0
77	Unipolar-pulse amplitude modulation frequency division multiplexing for visible light communication systems. <i>Optical Engineering</i> , 2020, 59, .	0.5	2
78	Flicker-free Multi-channel Transmitter Orientation in Camera based Optical Wireless Communications. , 2020, , .		0
79	LiFi Experiments in a Hospital. , 2020, , .		12
80	A Flexible OLED VLC System for an Office Environment. , 2020, , .		2
81	Experimental validation of a 64-QAM LTE radio-over-fiber and free-space optics link at the 2000 nm band. , 2020, , .		2
82	A Multi-Hop Relay Based Routing Algorithm for Vehicular Visible Light Communication Networks. , 2020, , .		3
83	Performance Analysis of Optical Intra-WBAN Links. , 2020, , .		2
84	Turbulence mitigation in a 28 GHz radio-over-free-space optics link using an integrated Mach-Zehnder interferometer and a diversity combining receiver. <i>IET Communications</i> , 2020, 14, 3373-3379.	1.5	1
85	Performance of an Indoor Flexible OLED-based VLC Link. , 2020, , .		0
86	Bandwidth Dependency of (O)LEDs on Bias current. , 2020, , .		0
87	Investigation of a WDM M-QAM RoF-RoFSO System. , 2020, , .		3
88	Implementation and Evaluation of a 10 Gbps Real-time FSO Link. , 2020, , .		1
89	64-QAM LTE signal transmission at 25 GHz over hybrid SSMF and non-uniform turbulent FSO channel. , 2020, , .		0
90	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

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91	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
92	Seamless 25 GHz Transmission of LTE 4/16/64-QAM Signals Over Hybrid SMF/FSO and Wireless Link. <i>Journal of Lightwave Technology</i> , 2019, 37, 6040-6047.	2.7	33
93	Indoor Intruder Tracking Using Visible Light Communications. <i>Sensors</i> , 2019, 19, 4578.	2.1	10
94	Non-Orthogonal Variable Multi-Band Carrier-Less Amplitude and Phase Modulation with Reduced Subcarriers. , 2019, , .		0
95	Equivalent Circuit Model of High Power LEDs for VLC Systems. , 2019, , .		15
96	Corrections to "Channel Characteristics of Visible Light Communications Within Dynamic Indoor Environment" [May 15 1719-1725]. <i>Journal of Lightwave Technology</i> , 2019, 37, 3435-3435.	2.7	0
97	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
98	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
99	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
100	On Optically Pre-Amplified FSO-MISO Non-Identical Links with Correlation: Experiment and Analysis. , 2019, , .		2
101	A Simplified Model for the Rolling Shutter Based Camera in Optical Camera Communications. , 2019, , .		15
102	The first tests of smartphone camera exposure effect on optical camera communication links. , 2019, , .		7
103	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
104	Structurally-modified tapered optical fiber sensors for long-term detection of liquids. <i>Optical Fiber Technology</i> , 2019, 47, 187-191.	1.4	4
105	Demonstration of a Hybrid FSO/VLC Link for the Last Mile and Last Meter Networks. <i>IEEE Photonics Journal</i> , 2019, 11, 1-7.	1.0	34
106	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
107	Interference cancellation in MIMO NLOS optical-camera-communication-based intelligent transport systems. <i>Applied Optics</i> , 2019, 58, 9384.	0.9	12
108	Visible light communications: multi-band super-Nyquist CAP modulation. <i>Optics Express</i> , 2019, 27, 8912.	1.7	21

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109	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
110	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
111	M-QAM transmission over hybrid microwave photonic links at the K-band. <i>Optics Express</i> , 2019, 27, 33745.	1.7	41
112	Filter-less WDM for visible light communications using colored pulse amplitude modulation. <i>Optics Letters</i> , 2019, 44, 4849.	1.7	5
113	Experimental Demonstration of High-Speed 4 Å– 4 Imaging Multi-CAP MIMO Visible Light Communications. <i>Journal of Lightwave Technology</i> , 2018, 36, 1944-1951.	2.7	56
114	Undersampled-Based Modulation Schemes for Optical Camera Communications. , 2018, 56, 204-212.		63
115	Outage Analysis of a SIMO FSO System Over an Arbitrarily Correlated $\mathcal{M}$ -Distributed Channel. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 141-144.	1.3	20
116	Non-Orthogonal Multi-band CAP for Highly Spectrally Efficient VLC Systems. , 2018, , .		14
117	Hybrid RoF-RoFSO System Using Directly Modulated Laser for 24 – 26 GHz 5G Networks. , 2018, , .		9
118	Optical Internet of Things within 5G: Applications and Challenges. , 2018, , .		29
119	Performance of Space Shift Keying over a Correlated Gamma-Gamma FSO-MISO Channel. , 2018, , .		1
120	Experimentally and analytically derived generalized model for the detection of liquids with suspended-core optical fibers. <i>Optical Fiber Technology</i> , 2018, 45, 295-299.	1.4	1
121	Application of Conventional G.652 Optical Fibers with Increased Evanescent-wave Overlap for Detection of Liquids. , 2018, , .		0
122	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
123	Non-line-of-sight 2 Å– Å indoor optical camera communications. <i>Applied Optics</i> , 2018, 57, B144.	0.9	17
124	24 – 26 GHz radio-over-fiber and free-space optics for fifth-generation systems. <i>Optics Letters</i> , 2018, 43, 1035.	1.7	57
125	Differential Signalling in Free-Space Optical Communication Systems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 872.	1.3	9
126	Mobile User Connectivity in Relay-Assisted Visible Light Communications. <i>Sensors</i> , 2018, 18, 1125.	2.1	20



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127	Modified Octagonal Photonic Crystal Fiber for Residual Dispersion Compensation over Telecommunication Bands. <i>Radioengineering</i> , 2018, 27, 10-15.	0.3	13
128	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
129	Long-Term Polarization Mode Dispersion Evolution and Accelerated Aging in Old Optical Cables. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 519-522.	1.3	15
130	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
131	Adaptation of transmitting signals over joint aged optical fiber and free space optical network under harsh environments. <i>Optik</i> , 2017, 151, 7-17.	1.4	5
132	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
133	Variable m-CAP for bandlimited Visible Light Communications. , 2017, , .		8
134	Experimental Investigation of All-Optical Relay-Assisted 10 Gb/s FSO Link Over the Atmospheric Turbulence Channel. <i>Journal of Lightwave Technology</i> , 2017, 35, 45-53.	2.7	76
135	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
136	Combination of visible light and radio frequency bands for device-to-device communication. , 2017, , .		14
137	Combined effect of turbulence and aerosol on free-space optical links. <i>Applied Optics</i> , 2017, 56, 336.	2.1	31
138	Analysis of nonline-of-sight visible light communications. <i>Optical Engineering</i> , 2017, 56, 1.	0.5	5
139	Influence of Camera Setting on Vehicle-to-Vehicle VLC Employing Undersampled Phase Shift On-Off Keying. <i>Radioengineering</i> , 2017, 26, 946-953.	0.3	6
140	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
141	Dual Purpose Antenna for Hybrid Free Space Optics/RF Communication Systems. <i>Journal of Lightwave Technology</i> , 2016, 34, 3432-3439.	2.7	21
142	Circular Lattice Photonic Crystal Fiber for Mid-IR Supercontinuum Generation. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2736-2739.	1.3	22
143	Analyses of dual polarization WDM and SCM Radio over Fiber and Radio over FSO for C-RAN architecture. , 2016, , .		6
144	Diversity for Mitigating Channel Effects. <i>Signals and Communication Technology</i> , 2016, , 431-450.	0.4	2

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145	Quantized Feedback-Based Differential Signaling for Free-Space Optical Communication System. IEEE Transactions on Communications, 2016, 64, 5176-5188.	4.9	34
146	FSO Detection Using Differential Signaling in Outdoor Correlated-Channels Condition. IEEE Photonics Technology Letters, 2016, 28, 55-58.	1.3	32
147	Evaluation of Multi-band Carrier-less Amplitude and Phase Modulation Performance for VLC under Various Pulse Shaping Filter Parameters. , 2016, , .		8
148	Visible Light Communications towards 5G. Radioengineering, 2015, 24, 1-9.	0.3	67
149	Fire Emissivity Detection by a Microwave Radiometer. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 2306-2310.	1.4	3
150	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
151	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
152	Channel Characteristics of Visible Light Communications Within Dynamic Indoor Environment. Journal of Lightwave Technology, 2015, 33, 1719-1725.	2.7	135
153	Multi-band carrier-less amplitude and phase modulation for bandlimited visible light communications systems. IEEE Wireless Communications, 2015, 22, 46-53.	6.6	68
154	Characterization of dual-polarization LTE radio over a free-space optical turbulence channel. Applied Optics, 2015, 54, 7082.	2.1	16
155	Experimental characterization and mitigation of turbulence induced signal fades within an ad hoc FSO network. Optics Express, 2014, 22, 3208.	1.7	44
156	Fused fiber components for eye-safe spectral region around 2 $\mu\text{m}$ . Optical and Quantum Electronics, 2014, 46, 603-611.	1.5	15
157	Laboratory and outdoor availability and spatial coherence tests of wireless optical links. , 2013, , .		1
158	Route diversity analyses for free-space optical wireless links within turbulent scenarios. Optics Express, 2013, 21, 7641.	1.7	22
159	Emission spectroscopic measurement in Fabry-Perot resonator: Different methods of spectra evaluation. , 2012, , .		0
160	Mitigation of time-spatial influence in free-space optical networks utilizing route diversity. , 2012, , .		4
161	Influences of turbulences in near vicinity of buildings on free-space optical links. IET Microwaves, Antennas and Propagation, 2011, 5, 1039.	0.7	15
162	Improved axial feeding of Fabry-Perot resonator for high-resolution spectroscopy applications. Microwave and Optical Technology Letters, 2011, 53, 2456-2462.	0.9	1

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163	Single-shot all-optical sampling oscilloscope using a polarization-maintaining resonator for pulse replication. Microwave and Optical Technology Letters, 2010, 52, 2452-2456.	0.9	2
164	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
165	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
166	The use of the Fabry-Perot interferometer for high resolution microwave spectroscopy. Journal of Molecular Spectroscopy, 2009, 256, 141-145.	0.4	9
167	UHF RF Identification of People in Indoor and Open Areas. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1341-1347.	2.9	34
168	The BER performance of a FSO system with polar codes under weak turbulence. IET Optoelectronics, 0, , .	1.8	3
169	Optimization and Design of a Diffuse Optical Wireless Sensor Network. Applied Optics, 0, , .	0.9	0