

# Hai-Han Lu

## List of Publications by Year in descending order

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210  
papers

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304743

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211  
all docs

211  
docs citations

211  
times ranked

1128  
citing authors

#	ARTICLE	IF	CITATIONS
1	10m/500Mbps WDM visible light communication systems. Optics Express, 2012, 20, 9919.	3.4	121
2	A 100-Gb/s Multiple-Input Multiple-Output Visible Laser Light Communication System. Journal of Lightwave Technology, 2014, 32, 4723-4729.	4.6	80
3	L-band erbium-doped fiber laser with coupling-ratio controlled wavelength tunability. Optics Express, 2006, 14, 9743.	3.4	74
4	An 8Åm/9.6 Gbps Underwater Wireless Optical Communication System. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	71
5	A multiple-input-multiple-output visible light communication system based on VCSELs and spatial light modulators. Optics Express, 2014, 22, 3468.	3.4	70
6	Optical 16-QAM-52-OFDM transmission at 4 Gbit/s by directly modulating a coherently injection-locked colorless laser diode. Optics Express, 2012, 20, 20071.	3.4	59
7	16 Gb/s PAM4 UWOC system based on 488-nm LD with light injection and optoelectronic feedback techniques. Optics Express, 2017, 25, 11598.	3.4	57
8	A WDM PAM4 FSOâ€“UWOC Integrated System With a Channel Capacity of 100 Gb/s. Journal of Lightwave Technology, 2020, 38, 1766-1776.	4.6	49
9	A 5 m/25 Gbps Underwater Wireless Optical Communication System. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	41
10	10â€“m/25â€“Gbps LiFi transmission system based on a two-stage injection-locked 680â€“nm VCSEL transmitter. Optics Letters, 2015, 40, 4563.	3.3	40
11	A 30 Gb/s PAM4 underwater wireless laser transmission system with optical beam reducer/expander. Scientific Reports, 2019, 9, 8605.	3.3	39
12	20-Gbps optical LiFi transport system. Optics Letters, 2015, 40, 3276.	3.3	38
13	Bidirectional 16-QAM OFDM in-building network over SMF and free-space VLC transport. Optics Letters, 2013, 38, 2345.	3.3	36
14	A Flexible Bidirectional Fiber-FSO-5G Wireless Convergent System. Journal of Lightwave Technology, 2021, 39, 1296-1305.	4.6	32
15	Generation and Transmission of BB/MW/MMW Signals by Cascading PM and MZM. Journal of Lightwave Technology, 2012, 30, 298-303.	4.6	29
16	Bidirectional hybrid CATV/radio-over-fiber WDM transport system. Optics Letters, 2010, 35, 279.	3.3	27
17	Optical free-space wavelength-division-multiplexing transport system. Optics Letters, 2014, 39, 315.	3.3	27
18	64 Gb/s PAM4 VCSEL-based FSO link. Optics Express, 2017, 25, 5749.	3.4	27

#	ARTICLE	IF	CITATIONS
19	WDM Free-Space Optical Communication System of High-Speed Hybrid Signals. IEEE Photonics Journal, 2018, 10, 1-7.	2.0	26
20	Bidirectional fiber-wireless and fiber-VLLC transmission system based on an OEO-based BLS and a RSOA. Optics Letters, 2016, 41, 476.	3.3	25
21	Fiber optical CATV system-performance improvement by using external light-injection technique. IEEE Photonics Technology Letters, 2003, 15, 1017-1019.	2.5	24
22	Bidirectional fiber-IVLLC and fiber-wireless convergence system with two orthogonally polarized optical sidebands. Optics Express, 2017, 25, 9743.	3.4	24
23	A Full-Duplex Radio-Over-Fiber Transport System Based on FP Laser Diode With OBPF and Optical Circulator With Fiber Bragg Grating. IEEE Photonics Technology Letters, 2007, 19, 1652-1654.	2.5	22
24	A broadband ASE light source-based full-duplex FTTX/ROF transport system. Optics Express, 2009, 17, 22246.	3.4	22
25	500 Gb/s PAM4 FSO-UWOC Convergent System With a R/G/B Five-Wavelength Polarization-Multiplexing Scheme. IEEE Access, 2020, 8, 16913-16921.	4.2	22
26	50 Gb/s PAM4 underwater wireless optical communication systems across the water-air-water interface [Invited]. Chinese Optics Letters, 2019, 17, 100004.	2.9	22
27	Directly modulated CATV transmission systems using half-split-band and wavelength-division-multiplexing techniques. IEEE Photonics Technology Letters, 1998, 10, 1653-1655.	2.5	21
28	Performance comparison between DCF and RDF dispersion compensation in fiber optical CATV systems. IEEE Transactions on Broadcasting, 2002, 48, 370-373.	3.2	21
29	45 Gb/s PAM4 transmission based on VCSEL with light injection and optoelectronic feedback techniques. Optics Letters, 2016, 41, 5023.	3.3	21
30	Bi-Directional Fiber-FSO-5G MMW/ 5G New Radio Sub-THz Convergence. Journal of Lightwave Technology, 2021, 39, 7179-7190.	4.6	21
31	A 20-m/40-Gb/s 1550-nm DFB LD-Based FSO Link. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	20
32	A Hybrid CATV/16-QAM-OFDM In-House Network Over SMF and GI-POF/VLC Transport. IEEE Photonics Technology Letters, 2015, 27, 526-529.	2.5	20
33	256 Gb/s Four-Channel SDM-Based PAM4 FSO-UWOC Convergent System. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	20
34	A 448-Gb/s PAM4 FSO Communication With Polarization-Multiplexing Injection-Locked VCSELs Through 600 M Free-Space Link. IEEE Access, 2020, 8, 28859-28866.	4.2	19
35	Simultaneous Transmission of 5G MMW and Sub-THz Signals Through a Fiber-FSO-5G NR Converged System. Journal of Lightwave Technology, 2022, 40, 2348-2356.	4.6	19
36	150 m/280 Gbps WDM/SDM FSO link based on OEO-based BLS and afocal telescopes. Optics Letters, 2016, 41, 2835.	3.3	18

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37	A PDM-based bi-directional fibre-FSO integration with two RSOAs scheme. Scientific Reports, 2019, 9, 8317.	3.3	18
38	A hybrid CATV/256-QAM/OC-48 DWDM system over an 80-km LEAF transport. IEEE Transactions on Broadcasting, 2003, 49, 97-102.	3.2	16
39	A Bidirectional FSO Communication Employing Phase Modulation Scheme and Remotely Injection-Locked DFB LD. Journal of Lightwave Technology, 2020, 38, 5883-5892.	4.6	16
40	Employing injection-locked Fabry-Perot laser diodes to improve bidirectional WDM-PON performances. Optics Communications, 2007, 270, 211-216.	2.1	15
41	Direct CATV modulation and phase remodulated radio-over-fiber transport system. Optics Express, 2010, 18, 10301.	3.4	15
42	Simplified radio-over-fiber transport systems with a low-cost multiband light source. Optics Letters, 2010, 35, 4021.	3.3	15
43	Full-duplex lightwave transport systems employing phase-modulated RoF and intensity-remodulated CATV signals. Optics Express, 2011, 19, 14000.	3.4	15
44	A Bidirectional Hybrid Lightwave Transport System Based on Fiber-IVLLC and Fiber-VLLC Convergences. IEEE Photonics Journal, 2015, 7, 1-11.	2.0	15
45	800-Gb/s/200-m FSO link with a WDM-PAM4 scheme and SLM-based beam tracking technology. Optics Letters, 2021, 46, 1269.	3.3	15
46	A bidirectional hybrid DWDM system for CATV and OC-48 trunking. IEEE Photonics Technology Letters, 2001, 13, 902-904.	2.5	14
47	Intermodulation Distortion Suppression in a Full-Duplex Radio-on-Fiber Ring Network. IEEE Photonics Technology Letters, 2004, 16, 602-604.	2.5	14
48	An Upconverted Phase-Modulated Fiber Optical CATV Transport System. Journal of Lightwave Technology, 2011, 29, 2422-2427.	4.6	14
49	A bidirectional lightwave transport system based on PON integration with WDM VLC. Optical Fiber Technology, 2013, 19, 405-409.	2.7	14
50	Hybrid lightwave subcarrier CATV/16-QAM/16-QAM OFDM transmission system. Optics Letters, 2013, 38, 4538.	3.3	14
51	A 50-m/40 Gb/s 680-nm VCSEL-Based FSO Communication. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	14
52	Radio-on-Multimode Fiber Systems Based on VCSELs and External Light Injection Technique. IEEE Photonics Technology Letters, 2004, 16, 1215-1217.	2.5	13
53	Wavelength Tunability of a Coupler and Air-Gap Etalon Controlled High-Efficiency S-Band Mode-Locked Erbium-Doped Fiber Laser. IEEE Photonics Technology Letters, 2006, 18, 2233-2235.	2.5	13
54	Improvement of Fiber-Optical CATV Transport Systems Performance Based on Lower-Frequency Sidemode Injection-Locked Technique. IEEE Photonics Technology Letters, 2008, 20, 351-353.	2.5	13

#	ARTICLE	IF	CITATIONS
55	Hybrid CATV/MMW/BB lightwave transmission system based on fiber-wired/fiber-wireless/fiber-VLLC integrations. Optics Express, 2015, 23, 31807.	3.4	13
56	Bidirectional fiber-wireless and fiber-IVLLC integrated system based on polarization-orthogonal modulation scheme. Optics Express, 2016, 24, 17250.	3.4	13
57	A Hybrid Internet/CATV/5G Fiber-FSO Integrated System With a Triple-Wavelength Polarization Multiplexing Scenario. IEEE Access, 2019, 7, 151023-151033.	4.2	13
58	An 82-m 9 Gb/s PAM4 FSO-POF-UWOC Convergent System. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	13
59	Bidirectional White-Lighting WDM VLC-UWOC Converged Systems. Journal of Lightwave Technology, 2021, 39, 4351-4359.	4.6	13
60	Fiber-optical cable television system performance improvement employing light injection and optoelectronic feedback techniques. IEEE Photonics Technology Letters, 2006, 18, 1789-1791.	2.5	12
61	Novel ROF/FTTX/CATV hybrid three-band transport system. Optics Express, 2011, 19, 6980.	3.4	12
62	A Hybrid WDM Lightwave Transport System Based on Fiber-Wireless and Fiber-VLLC Convergences. IEEE Photonics Journal, 2014, 6, 1-9.	2.0	12
63	A 50-m/320-Gb/s DWDM FSO Communication With Afocal Scheme. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	12
64	HDTV/Gigabit Ethernet over bidirectional WDM-PON based on injection-locked Fabry-Perot laser diodes. Optics Communications, 2006, 267, 102-107.	2.1	11
65	CSO/CTB PERFORMANCE IMPROVEMENT BY USING FABRY-PEROT ETALON AT THE RECEIVING SITE. Progress in Electromagnetics Research Letters, 2009, 6, 107-113.	0.7	11
66	RoF transport systems with OSNR enhanced multi-band optical carrier generator. Optics Express, 2011, 19, 18516.	3.4	11
67	A 56 Gb/s PAM4 VCSEL-Based LiFi Transmission With Two-Stage Injection-Locked Technique. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	11
68	A PDM-based 128-Gb/s PAM4 fibre-FSO convergent system with OBPFs for polarisation de-multiplexing. Scientific Reports, 2020, 10, 1872.	3.3	11
69	White-lighting and WDM-VLC system using transmission gratings and an engineered diffuser. Optics Letters, 2020, 45, 6206.	3.3	11
70	Using optical single sideband modulation technique to improve CATV system performance. Optical Engineering, 2002, 41, 1765.	1.0	10
71	CSO/CTB Performances Improvement in a Bi-Directional DWDM CATV System. IEEE Transactions on Broadcasting, 2004, 50, 377-381.	3.2	10
72	A Radio-on-Fiber Intelligence Transport System Based on Electroabsorption Modulator and Semiconductor Optical Amplifier. IEEE Photonics Technology Letters, 2004, 16, 251-253.	2.5	10

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73	RADIO-OVER-FIBER TRANSPORT SYSTEMS BASED ON DFB LD WITH MAIN AND -1 SIDE MODES INJECTION-LOCKED TECHNIQUE. <i>Progress in Electromagnetics Research Letters</i> , 2009, 7, 25-33.	0.7	10
74	Employing double external light injection techniques to improve radio-on-DWDM system performance. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 672-674.	2.5	9
75	A radio-on-hybrid WDM transport system. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1576-1578.	2.5	9
76	Radio-on-hybrid WDM transport systems based on mutually injection-locked Fabry-Pérot laser diodes. <i>Optical Fiber Technology</i> , 2009, 15, 21-25.	2.7	9
77	Direct-detection full-duplex radio-over-fiber transport systems. <i>Optics Letters</i> , 2009, 34, 3319.	3.3	9
78	Bidirectional phase-modulated hybrid cable television/radio-over-fiber lightwave transport systems. <i>Optics Letters</i> , 2013, 38, 404.	3.3	9
79	Employing injection-locked FP LDs to set up a hybrid CATV/MW/MMW WDM light wave transmission system. <i>Optics Letters</i> , 2014, 39, 3931.	3.3	9
80	Demonstration of optical frequency quadrupling combined with direct/external signal double-sideband suppressed-carrier modulation. <i>Optics Communications</i> , 2014, 317, 34-39.	2.1	9
81	A Flexible Two-Way PM-Based Fiber-FSO Convergence System. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	2.0	9
82	Phase-Modulated Hybrid High-Speed Internet/WiFi/Pre-5G In-Building Networks Over SMF and PCF With GI-POF/IVLLC Transport. <i>IEEE Access</i> , 2019, 7, 90620-90629.	4.2	9
83	Centralized-Light-Source Two-Way PAM8/PAM4 FSO Communications With Parallel Optical Injection Locking Operation. <i>IEEE Access</i> , 2019, 7, 36948-36957.	4.2	9
84	Real-time PAM4 fiber-IVLLC and fiber-wireless hybrid system with a parallel/orthogonally polarized dual-wavelength scheme. <i>OSA Continuum</i> , 2018, 1, 320.	1.8	9
85	CSO/CTB performances improvement by using optical VSB modulation technique. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1478-1480.	2.5	8
86	Improvement of IEEE 802.11a systems over radio-on-multimode fiber applications. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 2230-2232.	2.5	8
87	Bidirectional Radio-Over-DWDM Transport Systems Based on Injection-Locked VCSELs and Optoelectronic Feedback Techniques. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 315-317.	2.5	8
88	Radio-on-Fiber Transport Systems Integration With 622-Mb/s Baseband Transmission. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 1618-1620.	2.5	8
89	Integrating Fiber-to-the-Home and POF In-Door Routing CATV Transport System. <i>Journal of Lightwave Technology</i> , 2010, 28, 1864-1869.	4.6	8
90	Integration of FTTH and GI-POF in-house networks based on injection locking and direct-detection techniques. <i>Optics Express</i> , 2011, 19, 6749.	3.4	8

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91	Hybrid CATV/16-QAM OFDM in-building networks over SMF and GI-POF transport. Optics Express, 2011, 19, 9575.	3.4	8
92	Fiber optical CATV transport systems based on PM and light injection-locked DFB LD as a duplex transceiver. Optics Express, 2011, 19, 26928.	3.4	8
93	A hybrid CATV/OFDM long-reach passive optical network architecture. Optics Express, 2012, 20, 4219.	3.4	8
94	Novel optical add-drop multiplexer for wavelength-division-multiplexing networks. Optics Communications, 2012, 285, 3093-3099.	2.1	8
95	A 10-Gbps optical WiMAX transport system. Optics Express, 2014, 22, 2761.	3.4	8
96	Bidirectional hybrid PM-based RoF and VCSEL-based VLLC system. Optics Express, 2014, 22, 16188.	3.4	8
97	A 400 Gbps/100 m free-space optical link. Laser Physics Letters, 2017, 14, 025206.	1.4	8
98	A High-Speed 84 Gb/s VSB-PAM8 VCSEL Transmitter-Based Fiber-Integrated VLLC Integration. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	8
99	Bidirectional Hybrid DWDM-PON for HDTV/Gigabit Ethernet/CATV Applications. ETRI Journal, 2007, 29, 162-168.	2.0	7
100	Full-duplex lightwave transport systems based on long-haul SMF and optical free-space transmissions. Optics Express, 2013, 21, 23655.	3.4	7
101	A High-Speed and Long-Reach PAM4 Optical Wireless Communication System. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	7
102	A comparison between optical SSB transmitter/filter in a full-duplex radio-on-fiber transport system. IEEE Communications Letters, 2005, 9, 649-651.	4.1	6
103	Improvement of radio-on-multimode fiber systems based on light injection and optoelectronic feedback techniques. Optics Communications, 2006, 266, 495-499.	2.1	6
104	CATV/ROF transport systems based on light injection/optoelectronic feedback techniques and photonic crystal fiber. Optics Communications, 2007, 273, 389-393.	2.1	6
105	REPEATERLESS HYBRID CATV/16-QAM OFDM TRANSPORT SYSTEMS. Progress in Electromagnetics Research Letters, 2009, 8, 171-179.	0.7	6
106	Bidirectional direct modulation CATV and phase remodulation radio-over-fiber transport systems. Optics Express, 2010, 18, 26077.	3.4	6
107	Hybrid Cable Television/Radio-Over-Fiber Transport System Based on Polarization Modulation Technique. IEEE Photonics Technology Letters, 2011, 23, 860-862.	2.5	6
108	An Integrated Long-Reach PON and GI-POF In-House Network Architecture for Hybrid CATV/OFDM Signals Transmission. Journal of Lightwave Technology, 2012, 30, 3247-3251.	4.6	6

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109	A Distribute Feedback Laser Diode Composed Microwave Photonic Bandpass Filter for SCM-Based Optical Transport Systems. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 309-314.	2.9	6
110	A full-duplex CATV/wireless-over-fiber lightwave transmission system. Optics Express, 2015, 23, 9221.	3.4	6
111	A 400-Gb/s WDM-PAM4 OWC system through the free-space transmission with a water-air-water link. Scientific Reports, 2021, 11, 21431.	3.3	6
112	A two-way 224-Gbit/s PAM4-based fibre-FSO converged system. Scientific Reports, 2022, 12, 360.	3.3	6
113	Hybrid dense-wavelength-division-multiplexing system for CATV and 256-QAM transport. Optical Engineering, 2001, 40, 1158.	1.0	5
114	Reduction of semiconductor optical amplifier induced distortion and crosstalk in a 1.3- $\mu$ m WDM transport system. IEEE Photonics Technology Letters, 2003, 15, 775-777.	2.5	5
115	Improvement of composite second-order and composite triple-beat performances by using chirped fiber gratings in a wavelength-division-multiplexing transport system. Optical Engineering, 2003, 42, 1901.	1.0	5
116	Employing double external light injection techniques to improve radio-on-fiber systems performance. Optics Communications, 2004, 230, 185-190.	2.1	5
117	A Full-Duplex Radio-on-Photonic Crystal Fiber Transport System. IEEE Photonics Technology Letters, 2007, 19, 831-833.	2.5	5
118	Hybrid cable television and orthogonal-frequency-division-multiplexing transport system basing on single wavelength polarization and amplitude remodulation schemes. Optics Letters, 2011, 36, 1716.	3.3	5
119	A full-duplex lightwave transmission system with an innovative VCSEL-based PM-to-IM converter. Optics Express, 2014, 22, 9993.	3.4	5
120	WDM-VLLC and White-Lighting Ring Networks With Optical Add-Drop Multiplexing Scheme. Journal of Lightwave Technology, 2022, 40, 4196-4205.	4.6	5
121	256-QAM WDM system transmitted over 80 km of single-mode fiber using a 1.3- $\mu$ m semiconductor optical amplifier. Optical Engineering, 2002, 41, 2707.	1.0	4
122	Hybrid AM-VSB/256-QAM/internet transport systems in the campus. IEEE Transactions on Broadcasting, 2003, 49, 103-106.	3.2	4
123	A 10 Gbps WDM transport system based on VCSELs to VCSELs injection locked technique and LEAF transport. Optics Communications, 2004, 241, 105-112.	2.1	4
124	CSO/CTB Performances Improvement by Using Optical SSB Filter at the Receiving Site. IEEE Transactions on Communications, 2005, 53, 572-575.	7.8	4
125	A bidirectional radio-on DWDM transport system for LAN and ITS applications. IEEE Photonics Technology Letters, 2006, 18, 127-129.	2.5	4
126	A hybrid WDM transport system based on mutually injection-locked Fabry-Perot laser diodes. Optics Communications, 2007, 276, 87-92.	2.1	4



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127	CATV/ROF transport systems based on one DFB LD with main and side modes injection-locked. Optical Fiber Technology, 2008, 14, 232-236.	2.7	4
128	TO EMPLOY SOA-BASED OPTICAL SSB MODULATION TECHNIQUE IN FULL-DUPLEX ROF TRANSPORT SYSTEMS. Progress in Electromagnetics Research Letters, 2009, 7, 1-13.	0.7	4
129	Analysis on DFB laser diode with main and multiple side modes injection-locked. Laser Physics, 2009, 19, 1234-1238.	1.2	4
130	Two-way lightwave subcarrier transmission system. Optics Letters, 2014, 39, 1721.	3.3	4
131	Crosstalk reduction by using chirped fiber grating in a two-wavelength WDM transport system. , 0, , .		3
132	A Radio-Over-GI-POF Transport System. Journal of Lightwave Technology, 2010, 28, 1917-1921.	4.6	3
133	Two-way fiber-wireless convergence systems based on two-stage injection-locked VCSELs transmitter and optical interleaver. Optics Express, 2015, 23, 5244.	3.4	3
134	Hybrid wireless-over-fiber transmission system based on multiple injection-locked FP LDs. Optics Express, 2015, 23, 19874.	3.4	3
135	A Bidirectional Wireless-Over-Fiber Transport System. IEEE Photonics Journal, 2015, 7, 1-9.	2.0	3
136	DOWN-LINK CATV/FTTH AND UP-LINK FTTH TRANSPORT SYSTEMS BASED ON REFLECTIVE SEMICONDUCTOR OPTICAL AMPLIFIER. Progress in Electromagnetics Research C, 2009, 11, 109-120.	0.9	3
137	Hybrid wavelength-division-multiplexing system based on a broadband amplified spontaneous emission optical source. Optical Engineering, 2004, 43, 773.	1.0	2
138	Improvement of CSO/CTB Performances Employing Up-Converted and Polarization Modulation Techniques. IEEE Transactions on Communications, 2005, 53, 2124-2128.	7.8	2
139	Employing split-band technique and optical SSB filter at the receiving site to improve directly modulated fiber optical CATV system performances. , 0, , .		2
140	A bidirectional hybrid DWDMâ€“PON employing optical injection locking technique and data comparators. Optics Communications, 2006, 263, 201-206.	2.1	2
141	Employing Fabry-Perot Etalon and Split-Band Technique to Improve Directly Modulated Fiber Optical CATV System Performances. , 2007, , .		2
142	Fiber-optic CATV system performance improvement by using split-band technique and photonic crystal fiber. Optics Communications, 2007, 271, 436-440.	2.1	2
143	Employing split-band technique and Fabryâ€“Perot etalon filter to improve directly modulated fiber optical CATV system performances. Optical Fiber Technology, 2008, 14, 227-231.	2.7	2
144	Full-duplex radio-on-fiber transport systems based on main and multiple side modes injection-locked DFB laser diode. Optical Fiber Technology, 2009, 15, 251-257.	2.7	2

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145	Employing mutually injection-locked FP LDs scheme over full-duplex radio-on-fiber transport systems. Optics Communications, 2009, 282, 550-553.	2.1	2
146	A Bidirectional WDM Transport System Based on RSOAs and Optoelectronic Feedback Technique. IEEE Communications Letters, 2010, 14, 969-971.	4.1	2
147	Coherently injection-locked weak-resonant-cavity laser diode for optical 16-QAM-OFDM transmission at 4 Gb/s. , 2012, , .		2
148	A 20 km/80 Gbps bidirectional PON employing three-stage injection-locked VCSELs/NDFs/OBPFs. Laser Physics Letters, 2015, 12, 125202.	1.4	2
149	A 50 m/40 Gbps 680-nm VCSEL-based FSO communication. , 2016, , .		2
150	A 103.12-Gb/s WDM PAM4 VCSEL-Based Transmission With Light Injection and Optoelectronic Feedback Techniques. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	2
151	256 Gb/s Four-Channel SDM-Based PAM4 FSO-UWOC Convergent System. , 2019, , .		2
152	FIBER-TO-THE-HOME INTEGRATION WITH DIGITAL LINK ON MICROWAVE SUBCARRIER TRANSPORT SYSTEMS. Progress in Electromagnetics Research C, 2009, 7, 125-136.	0.9	2
153	A hybrid DWDM system based on a Fabry-Perot laser diode and an optical circulator with a fiber Bragg grating. Microwave and Optical Technology Letters, 2002, 32, 390-393.	1.4	1
154	Fiber to the Classrooms: Internet over Fiber Optical CATV System. Optical Review, 2002, 9, 29-32.	2.0	1
155	A hybrid CATV/256-QAM/OC-192 WDM transport system using SMF and RDF combination. Optics Communications, 2003, 223, 315-320.	2.1	1
156	A-10Gbit/s lightwave transport system based on VCSEL and SOA with external light injection technique. IEICE Electronics Express, 2004, 1, 228-232.	0.8	1
157	Employing split-band technique and optical SSB filter to Improve directly modulated fiber optical CATV system performances. IEICE Electronics Express, 2005, 2, 344-348.	0.8	1
158	To generate a broadband light source by using mutually injection-locked Fabry-Perot laser diodes. IEICE Electronics Express, 2006, 3, 257-261.	0.8	1
159	Directly modulated fiber optical CATV transport systems without optical amplification. IEICE Electronics Express, 2007, 4, 282-287.	0.8	1
160	DIRECT MODULATION WITH SIDE-MODE INJECTION IN OPTICAL CATV TRANSPORT SYSTEMS. Progress in Electromagnetics Research Letters, 2009, 11, 73-82.	0.7	1
161	Repeaterless hybrid CATV/16-QAM OFDM transport systems. , 2009, , .		1
162	A hybrid radio-on-DWDM transport system for PHS/LAN/ITS/WiMAX applications. Optical Fiber Technology, 2009, 15, 119-124.	2.7	1

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163	Full-duplex ROF transport systems based on broadband ASE light source and nonlinear distortions suppression scheme. , 2009, , .		1
164	Long term stability of a long intra-cavity saturable absorber external cavity semiconductor laser. , 2013, , .		1
165	Vertical-Cavity Surface-Emitting Laser for Tunable Microwave Photonic Filter. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1701605-1701605.	2.9	1
166	A 25-Gbps UWOC system with a two-stage injection-locked VCSEL transmitter and an afocal scheme. , 2018, , .		1
167	A White-Lighting WDM-VLC System. , 2021, , .		1
168	Two-way lightwave transmission system with a centralized-light-source and VCSEL-based upstream wavelength selector. OSA Continuum, 2018, 1, 1195.	1.8	1
169	A Bidirectional 256-Gb/s PAM4 VCSEL-Based Fiber-FSO Converged System. , 2020, , .		1
170	A 400-Gb/s OWC System through the Free-Space Link with a Water-Air-Water Interface. , 2021, , .		1
171	Reduction of semiconductor optical amplifier induced distortion and crosstalk in WDM transport systems. , 0, , .		0
172	Novel measurement method for fiber optical cable television echo rating baseband parameter at subscriber. Optical Engineering, 2000, 39, 2677.	1.0	0
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