

# Prince Anandarajah

## List of Publications by Year in descending order

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204  
papers

1,918  
citations

279487

23  
h-index

344852

36  
g-index

204  
all docs

204  
docs citations

204  
times ranked

1073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Coherent Multicarrier Signals by Gain Switching of Discrete Mode Lasers. IEEE Photonics Journal, 2011, 3, 112-122.	1.0	143
2	40nm wavelength tunable gain-switched optical comb source. Optics Express, 2011, 19, B415.	1.7	94
3	A Survey of Optical Carrier Generation Techniques for Terabit Capacity Elastic Optical Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 211-263.	24.8	89
4	100 Gb/s Multicarrier THz Wireless Transmission System With High Frequency Stability Based on A Gain-Switched Laser Comb Source. IEEE Photonics Journal, 2015, 7, 1-11.	1.0	85
5	Discrete mode lasers for communication applications. IET Optoelectronics, 2009, 3, 1-17.	1.8	60
6	Improved performance of a hybrid radio/fiber system using a directly modulated laser transmitter with external injection. IEEE Photonics Technology Letters, 2002, 14, 233-235.	1.3	47
7	Multifunctional Operation of a Fiber Bragg Grating in a WDM/SCM Radio Over Fiber Distribution System. IEEE Photonics Technology Letters, 2004, 16, 605-607.	1.3	42
8	Enhanced Optical Comb Generation by Gain-Switching a Single-Mode Semiconductor Laser Close to Its Relaxation Oscillation Frequency. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 592-600.	1.9	41
9	Optimized pulse source employing an externally injected gain-switched laser diode in conjunction with a nonlinearly chirped grating. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 255-264.	1.9	40
10	Flexible Optical Comb Source for Super Channel Systems. , 2013, , .		36
11	A Review of Chipless Remote Sensing Solutions Based on RFID Technology. Sensors, 2019, 19, 4829.	2.1	36
12	Phase noise analysis of injected gain switched comb source for coherent communications. Optics Express, 2014, 22, 8120.	1.7	35
13	Phase Noise Investigation of Multicarrier Sub-THz Wireless Transmission System Based on an Injection-Locked Gain-Switched Laser. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 590-597.	2.0	35
14	Chromatic Dispersion-Induced Optical Phase Decorrelation in a 60 GHz OFDM-RoF System. IEEE Photonics Technology Letters, 2014, 26, 2016-2019.	1.3	30
15	25-Gb/s OFDM 60-GHz Radio Over Fiber System Based on a Gain Switched Laser. Journal of Lightwave Technology, 2015, 33, 1635-1643.	2.7	30
16	60 GHz Radio Over Fiber System Based on Gain-Switched Laser. Journal of Lightwave Technology, 2014, 32, 3695-3703.	2.7	28
17	Optical pulse generation at frequencies up to 20 GHz using external-injection seeding of a gain-switched commercial Fabry-Perot laser. IEEE Photonics Technology Letters, 2001, 13, 1014-1016.	1.3	27
18	Integrated Two-Section Discrete Mode Laser. IEEE Photonics Journal, 2012, 4, 2085-2094.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Gain-switched semiconductor laser driven soliton microcombs. Nature Communications, 2021, 12, 1425.	5.8	27
20	Software reconfigurable highly flexible gain switched optical frequency comb source. Optics Express, 2015, 23, 23225.	1.7	26
21	InP photonic integrated externally injected gain switched optical frequency comb. Optics Letters, 2017, 42, 555.	1.7	26
22	Numerical investigation into the injection-locking phenomena of gain switched lasers for optical frequency comb generation. Applied Physics Letters, 2015, 106, .	1.5	25
23	Photonic Integrated Gain Switched Optical Frequency Comb for Spectrally Efficient Optical Transmission Systems. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	25
24	Phase shift keyed systems based on a gain switched laser transmitter. Optics Express, 2009, 17, 12668.	1.7	24
25	Effect of side-mode suppression ratio on the performance of self-seeded gain-switched optical pulses in lightwave communications systems. IEEE Photonics Technology Letters, 1999, 11, 1360-1362.	1.3	22
26	WDM-OFDM-PON Based on Compatible SSB Technique Using a Mode Locked Comb Source. IEEE Photonics Technology Letters, 2013, 25, 2058-2061.	1.3	22
27	Lyot filter based multiwavelength fiber ring laser actively mode-locked at 10GHz using an electroabsorption modulator. Optics Communications, 2008, 281, 3538-3541.	1.0	21
28	Frequency division using a soliton-injected semiconductor gain-switched frequency comb. Science Advances, 2020, 6, .	4.7	21
29	Expansion and phase correlation of a wavelength tunable gain-switched optical frequency comb. Optics Express, 2019, 27, 16560.	1.7	21
30	Design, Characterization, and Applications of Index-Patterned Fabry-Pérot Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1621-1631.	1.9	18
31	Analytical Approach to Assess the Impact of Pulse-to-Pulse Phase Coherence of Optical Frequency Combs. IEEE Journal of Quantum Electronics, 2015, 51, 1-8.	1.0	18
32	EKF for Joint Mitigation of Phase Noise, Frequency Offset and Nonlinearity in 400 Gb/s PM-16-QAM and 200 Gb/s PM-QPSK Systems. IEEE Photonics Journal, 2017, 9, 1-10.	1.0	18
33	Inverse scattering approach to multiwavelength Fabry-Pérot laser design. Physical Review A, 2006, 74, .	1.0	17
34	Electro-Optical Generation and Distribution of Ultrawideband Signals Based on the Gain Switching Technique. Journal of Optical Communications and Networking, 2010, 2, 122.	3.3	17
35	Optical Generation of Modulated Millimeter Waves Based on a Gain-Switched Laser. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3372-3380.	2.9	17
36	Performance Investigation of IM/DD Compatible SSB-OFDM Systems Based on Optical Multicarrier Sources. IEEE Photonics Journal, 2014, 6, 1-10.	1.0	16

#	ARTICLE	IF	CITATIONS
37	Monolithically Integrated 2-Section Lasers for Injection Locked Gain Switched Comb Generation. , 2014, , .		16
38	Multiple RF carrier distribution in a hybrid radio/fiber system employing a self-pulsating laser diode transmitter. IEEE Photonics Technology Letters, 2002, 14, 1599-1601.	1.3	15
39	Effects of intermodulation distortion on the performance of a hybrid radio/fiber system employing a self-pulsating laser diode transmitter. IEEE Photonics Technology Letters, 2003, 15, 852-854.	1.3	15
40	Self-Seeding of a Gain-Switched Integrated Dual-Laser Source for the Generation of Highly Wavelength-Tunable Picosecond Optical Pulses. IEEE Photonics Technology Letters, 2004, 16, 629-631.	1.3	15
41	Performance improvement of 10Gb/s direct modulation OFDM by optical injection using monolithically integrated discrete mode lasers. Optics Express, 2011, 19, B289.	1.7	15
42	Dynamic Linewidth Measurement Method via an Optical Quadrature Front End. IEEE Photonics Technology Letters, 2011, 23, 1591-1593.	1.3	14
43	Generation of Widely Tunable Picosecond Pulses With Large SMSR by Externally Injecting a Gain-Switched Dual Laser Source. IEEE Photonics Technology Letters, 2004, 16, 2344-2346.	1.3	13
44	Implementation of a cost-effective optical comb source in a WDM-PON with 107Gb/s data to each ONU and 50km reach. Optics Express, 2010, 18, 15672.	1.7	13
45	Absolute distance measurement with a gain-switched dual optical frequency comb. Optics Express, 2021, 29, 8108.	1.7	13
46	Stealth and secured optical coherent transmission using a gain switched frequency comb and multi-homodyne coherent detection. Optics Express, 2021, 29, 40462.	1.7	13
47	Integrated dual optical frequency comb source. Optics Express, 2020, 28, 16900.	1.7	13
48	Optical frequency comb generation via pulsed gain-switching in externally-injected semiconductor lasers using step-recovery diodes. Optics and Laser Technology, 2020, 131, 106392.	2.2	13
49	Performance issues associated with WDM optical systems using self-seeded gain switched pulse sources due to mode partition noise effects. IEEE Photonics Technology Letters, 2002, 14, 1202-1204.	1.3	12
50	80-km Coherent DWDM-PON on 20-GHz Grid With Injected Gain Switched Comb Source. IEEE Photonics Technology Letters, 2014, 26, 364-367.	1.3	12
51	60-GHz Direct Modulation-Direct Detection OFDM-RoF System Using Gain-Switched Laser. IEEE Photonics Technology Letters, 2015, 27, 193-196.	1.3	12
52	WDM Orthogonal Subcarrier Multiplexing. Journal of Lightwave Technology, 2016, 34, 1815-1823.	2.7	12
53	Optimized pulse source for 40-Gb/s systems based on a gain-switched laser diode in conjunction with a nonlinearly chirped grating. IEEE Photonics Technology Letters, 2005, 17, 196-198.	1.3	11
54	Novel Frequency Chirp Compensation Scheme for Directly Modulated SG DBR Tunable Lasers. IEEE Photonics Technology Letters, 2009, 21, 340-342.	1.3	11

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55	Low cost comb source in a coherent wavelength division multiplexed system. , 2010, , .		11
56	Gain-switched multicarrier transmitter in a long-reach UDWDM PON with a digital coherent receiver. Optics Letters, 2013, 38, 4797.	1.7	11
57	Characterization of a multifunctional active demultiplexer for optical frequency combs. Optics and Laser Technology, 2021, 134, 106637.	2.2	11
58	Active demultiplexer enabled mmW ARoF transmission of directly modulated 64-QAM UF-OFDM signals. Optics Letters, 2020, 45, 5246.	1.7	11
59	Investigation of pulse pedestal and dynamic chirp formation on picosecond pulses after propagation through an SOA. IEEE Photonics Technology Letters, 2005, 17, 1800-1802.	1.3	10
60	100km Coherent Nyquist Ultradense Wavelength Division Multiplexed Passive Optical Network Using a Tunable Gain-Switched Comb Source. Journal of Optical Communications and Networking, 2016, 8, 112.	3.3	10
61	System-Performance Analysis of Optimized Gain-Switched Pulse Source Employed in 40- and 80-Gb/s OTDM Systems. Journal of Lightwave Technology, 2007, 25, 1495-1502.	2.7	9
62	Linewidth of SG-DBR laser and its effect on DPSK transmission. Optics Communications, 2010, 283, 5040-5045.	1.0	9
63	Two-Photon-Absorption-Based OSNR Monitor for NRZ-PSK Transmission Systems. IEEE Photonics Technology Letters, 2010, 22, 275-277.	1.3	9
64	Narrow-Linewidth Discrete-Mode Laser Diodes for Coherent Communication Applications. Journal of Optical Communications and Networking, 2012, 4, A90.	3.3	9
65	Penalty-free wavelength conversion with variable channel separation using gain-switched comb source. Optics Communications, 2014, 324, 69-72.	1.0	9
66	Experimental demonstration of optical phase conjugation using counter-propagating dual pumped four-wave mixing in semiconductor optical amplifier. Optics Communications, 2016, 369, 106-110.	1.0	9
67	Proof of Concept Novel Configurable Chipless RFID Strain Sensor. Sensors, 2021, 21, 6224.	2.1	9
68	Experimental investigation of the impact of optical injection on vital parameters of a gain-switched pulse source. Optics Communications, 2007, 277, 150-155.	1.0	8
69	Investigation of noise suppression, pulse intensity and chirp of an actively mode-locked semiconductor fiber ring laser. Optics Communications, 2007, 280, 142-146.	1.0	8
70	Optical millimeter-wave generation and transmission system for 1.25Gbit/s downstream link using a gain switched laser. Optics Communications, 2009, 282, 4789-4792.	1.0	8
71	Modulated Millimeter-Wave Generation by External Injection of a Gain Switched Laser. IEEE Photonics Technology Letters, 2011, 23, 447-449.	1.3	8
72	Dynamic characteristics of InGaAs/InP multiple quantum well discrete mode laser diodes emitting at 2 $\mu$ m. Electronics Letters, 2014, 50, 948-950.	0.5	8

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73	Integrated Gain Switched Comb Source for 100 Gb/s WDM-SSB-DD-OFDM System. Journal of Lightwave Technology, 2015, 33, 3525-3532.	2.7	8
74	Characterization of Frequency Drift of Sampled-Grating DBR Laser Module Under Direct Modulation. IEEE Photonics Technology Letters, 2008, 20, 72-74.	1.3	7
75	Microresonator Dissipative Kerr Solitons Synchronized to an Optoelectronic Oscillator. Physical Review Applied, 2022, 17, .	1.5	7
76	Characterization of wavelength interleaving in radio-over-fiber systems employing WDM/SCM. Optics Communications, 2006, 260, 144-149.	1.0	6
77	Analysis of bit rate dependence up to 80Gbit/s of a simple wavelength converter based on XPM in a SOA and a shifted filtering. Optics Communications, 2008, 281, 5731-5738.	1.0	6
78	Flexible wavelength de-multiplexer for elastic optical networking. Optics Letters, 2016, 41, 2241.	1.7	6
79	Off-Axis Cavity-Enhanced Absorption Spectroscopy of 14NH <sub>3</sub> in Air Using a Gain-Switched Frequency Comb at 1.514 $\mu$ m. Sensors, 2019, 19, 5217.	2.1	6
80	Tunable Mm-Wave A-RoF Transmission Scheme Employing an Optical Frequency Comb and Dual-Stage Active Demultiplexer. Journal of Lightwave Technology, 2021, 39, 7771-7780.	2.7	6
81	Bidirectional fiber transmission of mmW signals using remote downconversion and wavelength reuse. , 2019, , .		6
82	Increased Bit Rate Direct Modulation AMO-OFDM Transmission by Optical Injection Using Monolithically Integrated Lasers. IEEE Photonics Technology Letters, 2012, 24, 879-881.	1.3	5
83	Long Reach UDWDM PON with SCM-QPSK Modulation and Direct Detection. , 2014, , .		5
84	Current Progress towards the Integration of Thermocouple and Chipless RFID Technologies and the Sensing of a Dynamic Stimulus. Micromachines, 2020, 11, 1019.	1.4	5
85	Optical Frequency Comb Expansion Using Mutually Injection-Locked Gain-Switched Lasers. Applied Sciences (Switzerland), 2021, 11, 7108.	1.3	5
86	Cross-channel interference due to mode partition noise in WDM optical systems using self-seeded gain-switched pulse sources. IEEE Photonics Technology Letters, 2001, 13, 242-244.	1.3	4
87	Actively Mode-locked Multiwavelength Fibre Ring Laser Incorporating a Lyot Filter, Hybrid Gain Medium and Birefringence Compensated LiNbO <sub>3</sub> Modulator. , 2007, , .		4
88	Discrete mode lasers for communications applications. Proceedings of SPIE, 2009, , .	0.8	4
89	Transmission over 50 km using a directly modulated integrated two-section discrete mode laser at 1550 nm. , 2013, , .		4
90	Numerical investigation into the dynamics of externally-injected, gain-switched lasers for optical comb generation. , 2014, , .		4

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91	100 Gbit/s real-time all-analogue filter bank OFDM based on a gain-switched optical comb. , 2015, , .		4
92	Photonicallly integrated gain-switched lasers for optical frequency comb generation. Microwave and Optical Technology Letters, 2021, 63, 2219-2226.	0.9	4
93	Active Demultiplexer-enabled Directly Modulated DMT Transmission Using Optical Frequency Combs for Data Center Interconnects. Journal of Lightwave Technology, 2021, 39, 5468-5473.	2.7	4
94	Signal degradation due to output filtering of self-seeded gain-switched pulses exhibiting weak inherent side-mode-suppression ratios. Applied Optics, 2005, 44, 7867.	2.1	3
95	FROG characterisation of SOA-based wavelength conversion using XPM in conjunction with shifted filtering up to line rates of 80 GHz. , 2006, , .		3
96	Generation and Characterisation of 40 GHz Picosecond Optical Pulses Generated Using an EAM. , 2006, , .		3
97	Optimized performance map of an EAM for pulse generation and demultiplexing via FROG characterization. Optics Communications, 2007, 273, 500-505.	1.0	3
98	Optimization of a 427 Gb/s wavelength tunable RZ transmitter using a linear spectrogram technique. Optics Express, 2008, 16, 11281.	1.7	3
99	Discrete Mode Laser Diodes with Ultra Narrow Linewidth Emission &#x226A; 3kHz. , 2008, , .		3
100	Optical comb generation and expansion by gain switched discrete mode laser diode. , 2011, , .		3
101	Cascaded Fabry-PÃ©rot lasers for coherent expansion of wavelength tunable gain switched comb. , 2014, , .		3
102	Injection-locking criteria for simultaneously locking single-mode lasers to optical frequency combs from gain-switched lasers. , 2017, , .		3
103	Characterization and Direct Modulation of a Multi-Section PIC Suited for Short Reach Optical Communication Systems. Photonics, 2020, 7, 55.	0.9	3
104	Experimental Investigation of External Optical Injection and its Application in Gain-Switched Wavelength Tunable Optical Frequency Comb Generation. Journal of Lightwave Technology, 2021, 39, 5884-5895.	2.7	3
105	40nm Wavelength Tunable Gain-Switched Optical Comb Source. , 2011, , .		3
106	Performance of an injection-locked active demultiplexer for FSR-tunable optical frequency combs. , 2019, , .		3
107	Development of highly flexible broadband networks incorporating wavelength division multiplexing and sub-carrier division multiplexing in a hybrid radio/fiber distribution system. , 0, , .		2
108	Some emerging photonic technologies and their device impact: photonic crystals, plasmonics, and electromagnetically induced transparency (Invited Paper). , 2005, , .		2

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109	80-Gb/s OTDM System Analysis of a Vertical Microcavity-Based Saturable Absorber for the Enhancement of Pulse Pedestal Suppression. IEEE Photonics Technology Letters, 2007, 19, 321-323.	1.3	2
110	Cavity Length Independent Continuous Repetition Rate Tuning of a Self-Seeded Gain-Switched Fabry-Pérot Laser. IEEE Photonics Technology Letters, 2007, 19, 1625-1627.	1.3	2
111	SG-DBR tunable laser linewidth and its impact on advanced modulation format transmission. , 2009, , .		2
112	Optical Generation and Wireless Transmission of 60 GHz OOK Signals Using Gain Switched Laser. , 2010, , .		2
113	Direct modulation of a tuneable slotted Fabry-Pérot laser with adaptive modulation OFDM. Optics Express, 2012, 20, B399.	1.7	2
114	25 Gb/s OFDM 60 GHz radio over fibre system using an externally injected gain switched distributed feedback laser. , 2014, , .		2
115	Impact and reduction of fibre nonlinearities in a 25 Gb/s OFDM 60 GHz radio over fibre system. , 2014, , .		2
116	Performance of a Semi-Nyquist NRZ-DQPSK System Employing a Flexible Gain-Switched Multicarrier Transmitter. Journal of Optical Communications and Networking, 2014, 6, 282.	3.3	2
117	Expansion and phase correlation of gain-switched optical frequency combs through FWM in an SOA. , 2019, , .		2
118	Extended Kalman Filter For Estimation of Phase Noises and Frequency Offset in 400G PM-16-QAM systems. , 2016, , .		2
119	Optimum optical frequency comb generation via externally injection of a gain switched VCSEL. , 2019, , .		2
120	A Novel mmW A-RoF Transmission Scheme Employing Dual-stage Active Demultiplexing of an Optical Frequency Comb. , 2020, , .		2
121	Performance evaluation of a comb-based transmission system employing multi-functional active demultiplexers. , 2020, , .		2
122	Wavelength Tunable Directly Modulated Laser for TWDM Applications. , 2021, , .		2
123	Discrete Mode Lasers for Applications in Access Networks. , 2007, , .		1
124	Wavelength tunable lasers in future optical communication systems. , 2008, , .		1
125	Fiber distribution of IR-UWB signals based on an externally injected gain switched laser. , 2009, , .		1
126	Highly coherent picosecond pulse generation with sub-ps jitter and high SMSR by gain switching Discrete Mode laser diodes at 10 GHz line rate. , 2009, , .		1



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127	Photonic generation and distribution of a modulated 60 GHz signal using a directly modulated gain switched laser. , 2010, , .		1
128	Discrete mode laser diodes for FTTH/PON applications up to 10 Gbit/s. Proceedings of SPIE, 2012, , .	0.8	1
129	Low linewidth lasers for enabling high capacity optical communication systems. , 2012, , .		1
130	Effective Phase Noise Suppression in Externally Injected Gain Switched Comb Source for Coherent Optical Communications. , 2013, , .		1
131	Optical multicarrier based IM/DD DWDM-SSB-OFDM access networks with SOAs for power budget extension. , 2014, , .		1
132	Long reach UDWDM PON with direct and coherent detection. , 2014, , .		1
133	Reconfigurable optical frequency comb and its applications. , 2015, , .		1
134	Dual mode injection locking of a Fabry-P&#x00E9;rot laser for tunable broadband gain switched comb generation. , 2015, , .		1
135	Integrated frequency combs for flexible optical networks. , 2017, , .		1
136	Compensation of nonlinearity in a fiber-optic transmission system using frequency-degenerate phase conjugation through counter-propagating dual pump FWM in a semiconductor optical amplifier. Journal of Optics (United Kingdom), 2018, 20, 045702.	1.0	1
137	Active Demultiplexer-enabled 300G 16-QAM SSB-DMT Transmission using Optical Frequency Combs. , 2021, , .		1
138	Gain-switched semiconductor laser driven soliton microcombs. , 2021, , .		1
139	Performance Improvement of 10Gb/s Direct Modulation OFDM by Optical Injection using Monolithically Integrated Discrete Mode Lasers. , 2011, , .		1
140	Characterization of Wavelength Tunable Lasers for Future Optical Communication Systems. Journal of Networks, 2010, 5, .	0.4	1
141	Tunable Slotted Fabry-P&#x00E9;rot Lasers for Agile Optical Networks. , 2011, , .		1
142	Phase Modulated Optical Millimeter Wave Generation Based on Externally Injected Gain Switched Laser. , 2011, , .		1
143	100Gb/s WDM-SSB-DD-OFDM using a Gain Switched Monolithically Integrated Passive Feedback Comb Source. , 2015, , .		1
144	UDWDM PON with 6 Å— 2.5GBaud 16-QAM Multicarrier Transmitter and Phase Noise Tolerant Direct Detection. , 2015, , .		1

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145	Sub-harmonic injection locking of quantum-dash lasers using spectral enrichment from semiconductor optical amplifiers. Applied Optics, 2017, 56, 9913.	0.9	1
146	Mutually Injection Locked Gain Switched Optical Frequency Combs for Dual Comb Spectroscopy of H2S. , 2020, , .		1
147	A six-section photonic integrated transmitter with chirp control for transmission reach extension. , 2021, , .		1
148	A Six-Section Photonic Integrated Transmitter With Chirp Control for Extension of the Transmission Reach. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	1
149	Cross-channel interference due to mode partition noise in WDM optical systems. , 0, , .		0
150	Generation of optical microwave signals using laser diodes with enhanced modulation response for hybrid radio/fiber systems. , 0, , .		0
151	Performance issues associated with WDM optical systems using self-seeded gain-switched pulse sources. , 2003, , .		0
152	Hybrid radio/fiber system employing SCM for the distribution of multiple RF carriers with a directly modulated laser transmitter. , 2003, , .		0
153	Pulse source for 80 Gb/s systems using a gain-switched laser diode followed by a nonlinearly chirped grating. , 2005, , .		0
154	Effects of weak input side mode suppression ratio and output filtration on the intensity noise of a self-seeded gain switched optical pulses at 2.5 GHz. , 0, , .		0
155	80 Gb/s optimised pulse source using a gain-switched laser diode in conjunction with a nonlinearly chirped grating. , 0, , .		0
156	Performance of 80 Gb/s OTDM System Employing Gain-Switched Pulses Compressed by a Linearly and a Nonlinearly Chirped Grating. , 2006, , .		0
157	Self-pulsation at 480 GHz from a two-color discrete mode laser diode. , 2006, , .		0
158	Enhancement of System Performance in 80Gb/s OTDM systems by using a Vertical Microcavity based Saturable Absorber. , 2006, , .		0
159	Performance of Pulse Source consisting of an Externally Injected Gain-Switched Laser followed by a Non-linearly/Linearly Chirped Grating in an 80 Cb/s OTDM System. , 2006, , .		0
160	Frequency Drift Characterisation of Directly Modulated SGDBR Tunable Lasers. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
161	Cost-Efficient Pulse Source for Broadband Photonic Communication Systems. , 2007, , .		0
162	Continuous Repetition Rate Tuning with Timing Window Independent Self-Seeding of a Gain-Switched Fabry-Perot Laser. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0

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163	Triple-wavelength fiber ring laser based on a hybrid gain medium actively mode-locked at 10 GHz. , 2008, , .		0
164	Cost efficient narrow linewidth laser transmitter for coherent detection. , 2008, , .		0
165	Cost efficient pulse source for return-to-zero differential phase shift keyed transmission systems. , 2009, , .		0
166	Demonstration of slow light in semiconductor optical amplifier. , 2010, , .		0
167	High repetition rate pulse train generation at GHz repetition rates from nonlinear breather reshaping in standard single mode fibre. Proceedings of SPIE, 2010, , .	0.8	0
168	Gain switching for the optical generation of modulated millimetre waves. , 2010, , .		0
169	Direct modulation optical OFDM performance enhancement by external optical injection. , 2011, , .		0
170	Optical frequency comb generation and its applications. , 2011, , .		0
171	Multi-carrier transmitter for future access networks. , 2012, , .		0
172	Narrow linewidth discrete mode laser diodes at 1550 nm. Proceedings of SPIE, 2012, , .	0.8	0
173	Performance enhancement of 10Gb/s direct modulation optical OFDM by external optical injection. Optics Communications, 2012, 285, 136-139.	1.0	0
174	Injection locked lasers for flexible optical comb sources. , 2013, , .		0
175	60 GHz SSB SCM QPSK radio over fibre system based on a gain switched distributed feedback laser. , 2014, , .		0
176	Low cost 60 GHz radio over fiber system based on gain-switched laser. , 2014, , .		0
177	Sub-Harmonic Injection-Locking of Quantum Dash Lasers through Spectral Enrichment for All-Optical Clock Recovery. , 2015, , .		0
178	Flexible optical networking employing integrated frequency combs. , 2016, , .		0
179	Integrated optical frequency combs. , 2017, , .		0
180	Reconfigurable Microring Resonator-Based Optical Transmitter for Elastic Optical Networks. , 2018, , .		0

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181	Nonlinearity mitigation of DQPSK signal by frequency-shift free spectral inversion using counter-propagating dual pump four-wave mixing in a semiconductor optical amplifier. , 2018, , .		0
182	Multi-Section Semiconductor Optical Amplifiers for Data Centre Networks. , 2018, , .		0
183	Optimum Optical Frequency Combs for Telecommunications and Data Centre Networks. , 2018, , .		0
184	Compact gain switched optical frequency comb generator for sensing applications. Journal of Physics: Conference Series, 2019, 1289, 012048.	0.3	0
185	Tunable Active De-Multiplexer for Optical Frequency Combs. , 2019, , .		0
186	Characterisation of a Novel InP Photonic Integrated Circuits for Direct Modulation Applications. , 2019, , .		0
187	Optical Generation of mmW and THz Signals Using PICs. , 2019, , .		0
188	200 Gb/s Short Reach Transmitters Based on Optical Frequency Combs. , 2020, , .		0
189	Optical Frequency Comb and Active Demultiplexer-enabled 60 GHz mmW ARoF Transmission using Directly Modulated 64-QAM UF-OFDM signals. , 2021, , .		0
190	80 Gb/s optimised pulse source using a gain-switched laser diode in conjunction with a nonlinearly chirped grating. , 2005, , .		0
191	Frequency drift characterization of a SG-DBR tunable laser. , 2007, , .		0
192	Multiwavelength fibre ring laser incorporating a Lyot filter and hybrid gain medium actively mode-locked using a birefringence compensated LiNbO <sub>3</sub> . , 2007, , .		0
193	Optimised performance analysis of a wavelength tuneable 42.7 GB/S EAM based RZ transmitter over 1500 KM of SMF. , 2008, , .		0
194	Complete performance analysis of a 3.5 ps pulse source consisting of a gain-switched laser diode followed by a non-linearly chirped grating. , 2008, , .		0
195	Narrow Linewidth Discrete Mode Laser Diodes for Advanced Modulation Formats. , 2012, , .		0
196	Direct Modulation of a Tuneable Slotted Fabry-Pérot Laser with Adaptive Modulation OFDM. , 2012, , .		0
197	Gain Switched Multi-Carrier Transmitter and Pilot Tone Based Receiver for Long Reach Access Networks. , 2012, , .		0
198	Athermal Operation of Multi-Section PIC. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
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