

Giampiero Contestabile

List of Publications by Year in descending order

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194
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194
docs citations

194
times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	5G NR RoF System Based on a Monolithically Integrated Multi-Wavelength Transmitter. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	15
2	100 Gb/s (4 \times modulated integrated transmitter and DSP-free coherent detection. Optics Communications, 2021, 486, 126779.	2.1	1
3	Non-Standalone 5G NR FiWi System Based on a Photonic Integrated Multi-Wavelength Transmitter. IEEE Wireless Communications Letters, 2021, 10, 1001-1004.	5.0	3
4	RoF/FSO System Based on a Monolithically Integrated Multi-Wavelength Transmitter. , 2021, , .		2
5	Full daylight quantum-key-distribution at 1550 nm enabled by integrated silicon photonics. Npj Quantum Information, 2021, 7, .	6.7	54
6	Photonic Integrated Reconfigurable Linear Processors as Neural Network Accelerators. Applied Sciences (Switzerland), 2021, 11, 6232.	2.5	20
7	InP Monolithically Integrated Transmitters Based on High Speed Directly Modulated DFB Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-6.	2.9	5
8	Graphene on Silicon Modulators. Journal of Lightwave Technology, 2020, 38, 2782-2789.	4.6	24
9	On-Chip All-Optical Wavelength Conversion of PAM-4 Signals Using an Integrated SOA-Based Turbo-Switch Circuit. Journal of Lightwave Technology, 2019, 37, 3956-3962.	4.6	11
10	All-Optical Wavelength Conversion in an InP Photonic Integrated Turbo-Switch. IEEE Photonics Technology Letters, 2019, 31, 1576-1579.	2.5	1
11	Comb Line Multiplication in an Integrated Optical Frequency Comb Generator. , 2019, , .		1
12	Greetings from the General Co-Chairs of OECC/PSC 2019. , 2019, , .		0
13	Comb Line Multiplication in an InP Integrated Photonic Circuit Based on Cascaded Modulators. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	14
14	Optical Pre-Emphasis by Cascaded Graphene Electro Absorption Modulators. IEEE Photonics Technology Letters, 2019, 31, 955-958.	2.5	5
15	Roadmap on all-optical processing. Journal of Optics (United Kingdom), 2019, 21, 063001.	2.2	128
16	Graphene modulators in silicon photonics platforms. , 2019, , .		0
17	56 Gb/s All-Optical Wavelength Conversion based on a Photonic Integrated Turbo-Switch. , 2019, , .		0
18	QCoSOne: a chip-based prototype for daylight free-space QKD at telecom wavelength. , 2019, , .		2

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19	Graphene‐silicon phase modulators with gigahertz bandwidth. Nature Photonics, 2018, 12, 40-44.	31.4	261
20	A Directly Modulated Multiwavelength Transmitter Monolithically Integrated on InP. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	14
21	All-Optical Wavelength Conversion of PAM-4 Signal using Photonic Integrated Turbo-Switch. , 2018, , .		2
22	Optical Delay Inverse Weight Compensation with Graphene Electro Absorption modulators. , 2018, , .		2
23	Photonic Integrated Fully Tunable Comb Generator Cascading Optical Modulators. Journal of Lightwave Technology, 2018, 36, 5685-5689.	4.6	19
24	Transmission in 125-km SMF with 3.9 bit/s/Hz spectral efficiency using a single-drive MZM and a direct-detection Kramers-Kronig receiver without optical CD compensation. , 2018, , .		11
25	InP Photonic Integrated Comb Generator made by a cascade of Optical Modulators. , 2018, , .		1
26	Chirp management in silicon-graphene electro absorption modulators. Optics Express, 2017, 25, 19371.	3.4	22
27	8Å–25 Gbps Transmitter based on Monolithically InP Integrated Directly Modulated Tunable DFB Lasers. , 2017, , .		0
28	Experimental Characterization of the First Photonic Integrated Turbo-Switch Circuit. , 2017, , .		4
29	Si photonic active controller for polarization independent coupling. , 2016, , .		0
30	A Compact Silicon Photonic DQPSK Receiver Based on Microring Filters. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 418-424.	2.9	1
31	Preamplified Demodulation of 56-Gb/s WDM-DPSK Signals by an AWG-Based InP PIC. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	2
32	Next Generation Terabit Transponder. , 2016, , .		10
33	Wavelength Conversion of PAM signals by XGM in SOAs. , 2016, , .		1
34	An integrated and pre-amplified demodulator for 56 Gb/s WDM-DPSK signals. , 2015, , .		1
35	Photonic Integrated Wavelength Converter based on Double Stage Cross Gain Modulation in SOAs. , 2015, , .		1
36	A fully integrated DQPSK receiver based on Compact Silicon-on-Insulator Micro-Rings. , 2015, , .		3

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37	A Compact Silicon Coherent Receiver Without Waveguide Crossing. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	16
38	A DQPSK receiver based on Silicon-on-insulator micro-rings. , 2015, , .		0
39	A 40Gb/s InP-monolithically integrated DPSK-demodulator enhanced by cross-gain-compression in an SOA. Optics Communications, 2015, 340, 155-158.	2.1	2
40	InP monolithically integrated coherent transmitter. Optics Express, 2015, 23, 10741.	3.4	82
41	Integrated Reconfigurable Coherent Transmitter Driven by Binary Signals. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 755-764.	2.9	3
42	Microring-Based Fully Integrated Silicon DQPSK Receiver. IEEE Photonics Technology Letters, 2015, 27, 1605-1608.	2.5	3
43	High-Speed InP-Integrated Pre-Amplified Demodulator for WDM-DPSK Signals. IEEE Photonics Technology Letters, 2015, 27, 2547-2550.	2.5	5
44	Silicon Photonics Receivers for Advanced Modulation Formats. , 2015, , .		0
45	Polarization-Independent All-Optical Regenerator for DPSK Data. Photonics, 2014, 1, 154-161.	2.0	2
46	All optical processing in QD-SOAs. , 2014, , .		2
47	An InP Monolithically Integrated Multi-Frequency Wavelength Converter. , 2014, , .		0
48	A 100-Gb/s noncoherent silicon receiver for PDM-DBPSK/DQPSK signals. Optics Express, 2014, 22, 2150.	3.4	30
49	Four Wave Mixing in Quantum Dot Semiconductor Optical Amplifiers. IEEE Journal of Quantum Electronics, 2014, 50, 379-389.	1.9	20
50	Phase-Preserving Amplitude Noise Compression of 40 Gb/s DPSK Signals in a Single SOA. Journal of Lightwave Technology, 2014, 32, 1966-1972.	4.6	7
51	Polarization-independent all-optical regenerator for DPSK data. , 2014, , .		2
52	All-Optical Distribution Node for Long Reach PON Downlink. IEEE Photonics Technology Letters, 2014, 26, 1403-1406.	2.5	2
53	A Multirate All-Optical Aggregator for Digital Back-Haul and PON Uplink. IEEE Photonics Technology Letters, 2014, 26, 862-865.	2.5	3
54	Ultra-compact 56-Gb/s QPSK and 80-Gb/s 16-QAM silicon coherent receiver free of waveguide crossings. , 2014, , .		2

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55	Review on SOA-MZI-based photonic add/drop and switching operations. <i>Frontiers of Optoelectronics</i> , 2013, 6, 67-77.	3.7	1
56	Monolithically Integrated All-Optical Regenerator for Constant Envelope WDM Signals. <i>Journal of Lightwave Technology</i> , 2013, 31, 322-327.	4.6	14
57	An InP Monolithically Integrated Unicast and Multicast Wavelength Converter. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2178-2181.	2.5	24
58	Regenerative Wavelength Conversion of DPSK Signals Through FWM in an SOA. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 175-178.	2.5	12
59	Coherent Wavelength Conversion in a Quantum Dot SOA. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 791-794.	2.5	36
60	A wavelength-preserving photonic integrated regenerator for NRZ and RZ signals. <i>Optics Express</i> , 2013, 21, 20649.	3.4	17
61	Phase-Transparent Amplification of 16 QAM Signals in a QD-SOA. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2486-2489.	2.5	9
62	Ultra-broadband, highly efficient coherent wavelength conversion in quantum dot SOA. , 2013, , .		0
63	All-Optical Regeneration of 40 Gb/s NRZ-DPSK Signals in a Single SOA. , 2013, , .		4
64	100 nm-Bandwidth Positive-Efficiency Wavelength Conversion for m-PSK and m-QAM signals in QD-SOA. , 2013, , .		6
65	A Novel Photonic Integrated Regenerator. , 2013, , .		1
66	Phase Transparent Amplification of 40 Gbps 16 QAM Signals Using a QD-SOA. , 2013, , .		3
67	A Monolithically Integrated All-Optical Wavelength Converter. , 2013, , .		2
68	1Å–8 self-routing of 40â€…Gbit/s phase-modulated packets. <i>Electronics Letters</i> , 2012, 48, 169.	1.0	0
69	40 Gb/s All-Optical Selective Wavelength Shifter. , 2012, , .		3
70	Ultra-broad band, low power, highly efficient coherent wavelength conversion in quantum dot SOA. <i>Optics Express</i> , 2012, 20, 27902.	3.4	29
71	All-optical simultaneous drop and wavelength conversion of DPSK data. <i>Optics Letters</i> , 2012, 37, 2523.	3.3	3
72	Current-Controlled InP Monolithically Integrated DPSK Demodulator. , 2012, , .		2

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73	All-Optical Switching for Dynamic Wavelength Routing of 100G Pol-Mux QPSK data. , 2012, , .		0
74	Amplitude Regeneration of Phase Coded Signals. , 2012, , .		1
75	Multifunctional Current-Controlled InP Photonic Integrated Delay Interferometer. IEEE Journal of Quantum Electronics, 2012, 48, 1453-1461.	1.9	12
76	Regeneration of DPSK Signals in a Saturated SOA. IEEE Photonics Technology Letters, 2012, 24, 1597-1599.	2.5	19
77	Broadband Operation of High-Speed All-Optical Gated Wavelength Shifter. IEEE Photonics Technology Letters, 2012, 24, 1546-1548.	2.5	2
78	All-Optical Switching of QPSK Signals for 100 G Coherent Systems. Journal of Lightwave Technology, 2012, 30, 3010-3016.	4.6	3
79	A Regenerative Variable Optical Buffer for NRZ and RZ Packets. Journal of Lightwave Technology, 2012, 30, 1366-1372.	4.6	3
80	All-Optical Selective Wavelength Shifter for Phase Signals up to 40 Gb/s in a Single SOA-MZI. , 2012, , .		0
81	A Regenerative Variable Optical Buffer for NRZ and RZ packets. , 2012, , .		0
82	All-optical monolithically integrated differential XOR. , 2012, , .		2
83	Novel All-optical Switching Device for Dynamic Wavelength Routing in 100G Coherent Systems. , 2012, , .		0
84	Regenerative re-circulating fiber loop for optical buffering. , 2011, , .		1
85	All-optical self-routing of 40 Gb/s DPSK packets. , 2011, , .		0
86	All-Optical Gated Wavelength Converter-Eraser Using a Single SOA-MZI. IEEE Photonics Technology Letters, 2011, 23, 1621-1623.	2.5	14
87	All-Optical Wavelength Multicasting in a QD-SOA. IEEE Journal of Quantum Electronics, 2011, 47, 541-547.	1.9	29
88	Regenerative Optical Buffer Based on SOA-Amplified Recirculating Loop. IEEE Photonics Technology Letters, 2011, 23, 1715-1717.	2.5	4
89	All-Optical Selective Wavelength Shifter in a SOA-MZI. , 2011, , .		1
90	Single Feeder Bidirectional WDM-PON with Enhanced Resilience to Rayleigh-Backscattering. , 2010, , .		9

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91	All-optical signal regeneration using SOAs. , 2010, , .		0
92	Gain Recovery in Columnar Quantum Dot SOA at 1550 nm. , 2010, , .		1
93	All-Optical Regeneration of 40 Gb/s Constant Envelope Alternative Modulation Formats. IEEE Journal of Quantum Electronics, 2010, 46, 340-346.	1.9	14
94	Cross-Gain Modulation in Quantum-Dot SOA at 1550 nm. IEEE Journal of Quantum Electronics, 2010, 46, 1696-1703.	1.9	52
95	Impact of modulation formats on ONU energy saving. , 2010, , .		5
96	80 Gb/s multicast wavelength conversion by XGM in a QD-SOA. , 2010, , .		6
97	Regenerative Amplification in a Quantum Dot SOA. , 2010, , .		3
98	Regenerative Amplification by Using Self-Phase Modulation in a Quantum-Dot SOA. IEEE Photonics Technology Letters, 2010, 22, 492-494.	2.5	32
99	All-Optical 10 and 40 Gbit/s RZ-to-NRZ Format and Wavelength Conversion Using Semiconductor Optical Amplifiers. Journal of Lightwave Technology, 2010, 28, 32-38.	4.6	35
100	Gain Dynamics in Quantum-Dot Semiconductor Optical Amplifiers at 1550 nm. IEEE Photonics Technology Letters, 2010, 22, 987-989.	2.5	25
101	All-optical signal regeneration using SOAs. , 2010, , .		1
102	All-Optical Signal Regeneration using SOAs. , 2010, , .		1
103	Symmetric 10 Gb/s WDM-PON based on a cross wavelength-reusing scheme to avoid rayleigh backscattering and maximize band usage. , 2009, , .		2
104	Symmetric 10 Gbit/s WDM-PON based on cross-wavelength reuse to avoid Rayleigh backscattering and maximise band usage. Electronics Letters, 2009, 45, 1343.	1.0	20
105	Investigation of Transparency of FWM in SOA to Advanced Modulation Formats Involving Intensity, Phase, and Polarization Multiplexing. Journal of Lightwave Technology, 2009, 27, 4256-4261.	4.6	37
106	Variable Delay With Directly-Modulated R-SOA and Optical Filters for Adaptive Antenna Radio-Fiber Access. Journal of Lightwave Technology, 2009, 27, 5056-5064.	4.6	6
107	1.28 terabit/s (32x40 Gbit/s) wdm transmission system for free space optical communications. IEEE Journal on Selected Areas in Communications, 2009, 27, 1639-1645.	14.0	210
108	1.28-Tb/s (32 \times 40 Gb/s) Free-Space Optical WDM Transmission System. IEEE Photonics Technology Letters, 2009, 21, 1121-1123.	2.5	60

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109	Assessing the Noise Statistics in Common Optical Transmission Systems. IEEE Photonics Technology Letters, 2009, 21, 1582-1584.	2.5	0
110	Remodulation of a subcarrier modulated signal by feed-forward current injection in a reflective SOA. , 2009, , .		0
111	All-optical reshaping of constant-envelope signals. , 2009, , .		0
112	How to use saturation effects in SOAs for all-optical processing. , 2009, , .		0
113	Effective all-optical RZ-to-NRZ conversion for transparent network gateways. , 2009, , .		2
114	Modulation Format Transparent Subcarrier reuse by Feed Forward Current Injection in a Reflective SOA. , 2009, , .		1
115	Adaptive antenna system for OFDMA WiMAX radio-over-fiber links using a directly modulated R-SOA and optical filtering. , 2009, , .		4
116	Transparency of FWM in SOAs to Phase/Amplitude and Polarization. , 2009, , .		4
117	Operational Equivalence of Self-Switching in MZI and Nonlinear Polarization Switches Based on SOAs. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 779-788.	2.9	6
118	Simultaneous Demodulation and Clock-Recovery of 40-Gb/s NRZ-DPSK Signals Using a Multiwavelength Gaussian Filter. IEEE Photonics Technology Letters, 2008, 20, 791-793.	2.5	21
119	Optical Reshaping of 40-Gb/s NRZ and RZ Signals Without Wavelength Conversion. IEEE Photonics Technology Letters, 2008, 20, 1133-1135.	2.5	23
120	All-optical 40 Gbits/s packet regeneration by means of cross-gain compression in a semiconductor optical amplifier. Optics Letters, 2008, 33, 1470.	3.3	6
121	A 80 km reach fully passive WDM-PON based on reflective ONUs. Optics Express, 2008, 16, 19043.	3.4	28
122	WDM-DPSK Systems Based on SOAs in TOSCA Project. Fiber and Integrated Optics, 2008, 27, 223-228.	2.5	0
123	40 Gb/s WDM NRZ-DPSK All-Optical Clock Recovery and Data Demodulation based on a Periodic Bragg Filter. , 2008, , .		1
124	2R Optical Regeneration combining XGC in a SOA and a Saturable Absorber. , 2008, , .		6
125	40 Gb/s Wavelength Preserving 2R Regeneration for both RZ and NRZ Signals. , 2008, , .		4
126	Analysis of PMD induced crosstalk in 20x40 Gbit/s Polarization Multiplexed signals. , 2008, , .		0

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127	A novel line coding pair for fully passive long reach WDM-PONs. , 2008, , .		5
128	A full-duplex symmetric WDM-PON featuring OSSB downlink modulation with optical down-conversion. , 2008, , .		1
129	320 Gbit/s (8Å–40 Gbit/s) double-pass terrestrial free-space optical link transparently connected to optical fibre lines. , 2008, , .		7
130	On the amplification of short pulses in SOAs by using CW or modulated holding beams. , 2008, , .		0
131	40 Gb/s packet reshaping with no wavelength shift using SOA cross gain compression. , 2008, , .		0
132	WDM transmission systems based on SOAs and alternative modulation formats. , 2008, , .		0
133	Operational Equivalence of Self-Switching Effect in SOA-based Nonlinear Polarization and MZI Switches. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	3
134	Asynchronous All-Optical Circuit for Serial-to-Parallel Conversion of Label Bits of DPSK Packets. , 2007, , .		0
135	Field-trial of SOA-based WDM-DPSK 8Å–10â€…Gbit/s system over 300â€…km with conventional amplification span. Electronics Letters, 2007, 43, 404.	1.0	6
136	DPSK Packet-Level Power Equalization by means of Nonlinear Polarization Rotation in an SOA. , 2007, , .		4
137	Pulse Limiting Amplification by Saturation Effects in an SOA. , 2007, , .		0
138	Pulse Limiting Amplification by Saturation Effects in an SOA. , 2007, , .		0
139	All-optical techniques enabling packet switching. , 2007, , .		0
140	A novel bidirectional WDM/TDM-PON using DPSK downstream signals and a custom AWG. , 2007, , 544.		0
141	A simple and low-power optical limiter for multi-GHz pulse trains. Optics Express, 2007, 15, 9849.	3.4	29
142	Cross-Gain Compression in Semiconductor Optical Amplifiers. Journal of Lightwave Technology, 2007, 25, 915-921.	4.6	54
143	In-Field WDM-DPSK 8Å–10 Gb/s Transmission over 300 km using Four Common SOAs. , 2007, , .		1
144	A Bidirectional WDM/TDM-PON Using DPSK Downstream Signals and a Narrowband AWG. IEEE Photonics Technology Letters, 2007, 19, 1227-1229.	2.5	37

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145	Wide Dynamic Range All-Optical Clock and Data Recovery From Preamble-Free NRZ-DPSK Packets. IEEE Photonics Technology Letters, 2007, 19, 372-374.	2.5	13
146	All-Optical Asynchronous Serial-to-Parallel Converter Circuit for DPSK Optical Packets. IEEE Photonics Technology Letters, 2007, 19, 783-785.	2.5	6
147	Versatile All-Optical Clock Recovery Circuit for OOK and DPSK Modulated Data Traffic. , 2006, , .		1
148	Double-stage cross-gain modulation in SOAs: an effective technique for WDM multicasting. IEEE Photonics Technology Letters, 2006, 18, 181-183.	2.5	60
149	Exploiting time-to-wavelength conversion for all-optical label processing. IEEE Photonics Technology Letters, 2006, 18, 436-438.	2.5	14
150	16/spl times/10 gb/s DPSK transmission over 140-km SSMF by using two common SOAs. IEEE Photonics Technology Letters, 2006, 18, 1675-1677.	2.5	8
151	Bidirectional WDM-DPSK transmission by using SOAs. IEEE Photonics Technology Letters, 2006, 18, 1762-1764.	2.5	5
152	All-Optical Clock Recovery for NRZ-DPSK Signals. IEEE Photonics Technology Letters, 2006, 18, 2544-2546.	2.5	27
153	WDM-POLSK Transmission Systems by Using Semiconductor Optical Amplifiers. Journal of Lightwave Technology, 2006, 24, 4039-4046.	4.6	22
154	All-optical label processing techniques for pure DPSK optical packets. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 686-696.	2.9	14
155	Compact header processing circuit for optical DPSK packets. Electronics Letters, 2006, 42, 871.	1.0	6
156	WDM-DPSK detection by means of frequency-periodic Gaussian filtering. Electronics Letters, 2006, 42, 112.	1.0	43
157	Demonstrating frequency-periodic Gaussian filtering for WDM-DPSK detection. , 2006, , .		7
158	Simultaneous Data Demodulation and All-Optical Clock Extraction from Pure DPSK Packets. , 2006, , .		0
159	Compact All-Optical Header Processing for DPSK Packets. , 2006, , .		0
160	Semiconductor-Amplified WDM-POLSK Systems. , 2006, , .		1
161	10 Gbit/s All-Optical Wavelength Conversion by using Double Stage Cross-Gain-Modulation in SOAs. , 2006, , .		0
162	Unrepeateder 16#x00D7;10 Gb/s DPSK transmission over 140 km SMF by using two commercial SOAs. , 2006, , .		0

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163	Experimental Characterization of SOA-Based Wavelength Converters for DPSK Signals. , 2006, , .		4
164	Multiple Wavelength Conversion for WDM Multicasting by Means of Non-Linear Effects in SOAs. , 2005, , 299-304.		0
165	All-optical header processing system based on time-to-wavelength conversion for pure DPSK packets. Electronics Letters, 2005, 41, 865.	1.0	6
166	All-optical label processorâ€™erasure for label swapping of 12.5â€™Gbitâ€™s spectrally separated bit-serial DPSK label and payload. Electronics Letters, 2005, 41, 541.	1.0	6
167	A novel 40 Gb/s NRZ all-optical clock recovery. , 2005, , .		7
168	Simultaneous multi-wavelength conversion by double stage XGM in SOAs. , 2005, , .		3
169	Polarization and wavelength-independent time-division demultiplexing based on copolarized-pumps FWM in an SOA. IEEE Photonics Technology Letters, 2005, 17, 633-635.	2.5	43
170	Single and multicast wavelength conversion at 40 Gb/s by means of fast nonlinear polarization switching in an SOA. IEEE Photonics Technology Letters, 2005, 17, 2652-2654.	2.5	55
171	Reshaping capability of cross-gain compression in semiconductor amplifiers. IEEE Photonics Technology Letters, 2005, 17, 2523-2525.	2.5	18
172	Fast Nonlinear-Polarization-Switching in SOAs for 40 Gb/s Optical Processing. , 2005, , .		0
173	All optical regeneration by cross gain compression in semiconductor amplifiers. , 2005, , .		5
174	All-optical clock recovery from 40â€™Gbitâ€™s NRZ signal based on clock line enhancement and sharp periodic filtering. Electronics Letters, 2004, 40, 1361.	1.0	19
175	A fiber-based 1:6 WDM multicast converter at 10 Gbit/s. Optics Communications, 2004, 241, 499-502.	2.1	2
176	High power, multiwavelength 40 GHz pulse source for WDMâ€™OTDM applications. Optics Communications, 2004, 233, 359-362.	2.1	1
177	High-Power Widely Tunable 40-GHz Pulse Source for 160-Gb/s OTDM Systems Based on Nonlinear Fiber Effects. IEEE Photonics Technology Letters, 2004, 16, 753-755.	2.5	16
178	Multiple Wavelength Conversion for WDM Multicasting by FWM in an SOA. IEEE Photonics Technology Letters, 2004, 16, 1775-1777.	2.5	127
179	A Novel Scheme to Detect Optical DPSK Signals. IEEE Photonics Technology Letters, 2004, 16, 2138-2140.	2.5	34
180	40-GHz All-Optical Clock Extraction Using a Semiconductor-Assisted Fabryâ€™rot Filter. IEEE Photonics Technology Letters, 2004, 16, 2523-2525.	2.5	49

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181	All-optical header recogniser for pure DPSK optical packets. Electronics Letters, 2004, 40, 1502.	1.0	8
182	40-Gbit/s transmission in 500-km long, dispersion-managed link, with in-line all-optical wavelength conversion. Electronics Letters, 2002, 38, 1558.	1.0	8
183	Broad-band polarization-insensitive wavelength conversion at 10 Gb/s. IEEE Photonics Technology Letters, 2002, 14, 666-668.	2.5	12
184	Experiments on 40 Gb/s Transmission with Wavelength Conversion: Results from the IST ATLAS Project. Fiber and Integrated Optics, 2002, 21, 371-389.	2.5	1
185	Polarization- and interval-independent wavelength conversion at 2.5 Gb/s by means of bidirectional four-wave mixing in semiconductor optical amplifiers. IEEE Photonics Technology Letters, 2000, 12, 852-854.	2.5	8
186	Fast tunable wavelength conversion for all-optical packet switching. IEEE Photonics Technology Letters, 2000, 12, 1361-1363.	2.5	21
187	Polarization-independent four-wave mixing in a bidirectional traveling-wave semiconductor optical amplifier. Applied Physics Letters, 1999, 75, 3914-3916.	3.3	14
188	Optical spectral inversion without frequency shift by four-wave mixing using two pumps with orthogonal polarization. IEEE Photonics Technology Letters, 1998, 10, 355-357.	2.5	24
189	Efficiency flattening and equalization of frequency up- and down-conversion using four-wave mixing in semiconductor optical amplifiers. IEEE Photonics Technology Letters, 1998, 10, 1398-1400.	2.5	47
190	Polarization-insensitive four-wave mixing in a semiconductor optical amplifier. Applied Physics Letters, 1998, 72, 2651-2653.	3.3	19
191	Bi-directional, polarization-independent four-wave mixing in semiconductor optical amplifiers. , 0, , .		0
192	Towards transport networks based on 40 Gbit/s transmission: results from the IST ATLAS project. , 0, , .		0
193	A novel all-optical header processing system based on time-to-wavelength conversion. , 0, , .		0
194	Experimental characterization of impairments induced by link-control-channels in DWDM systems. , 0, , .		0