

Jianji Dong

List of Publications by Year in descending order

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papers

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101543

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all docs

241
docs citations

241
times ranked

2574
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic Emulator for Inverse Design. ACS Photonics, 2023, 10, 2173-2181.	6.6	9
2	Optical true time delay based on multimode waveguide gratings. , 2022, , .		3
3	Dielectric Metasurfaces Enabled Ultradensely Integrated Multidimensional Optical System. Laser and Photonics Reviews, 2022, 16, .	8.7	13
4	Photonic matrix multiplication lights up photonic accelerator and beyond. Light: Science and Applications, 2022, 11, 30.	16.6	167
5	Compact and high Q multimode racetrack ringresonator based on transformation optics. Optics Express, 2022, 30, 15766-15776.	3.4	0
6	A small microring array that performs large complex-valued matrix-vector multiplication. Frontiers of Optoelectronics, 2022, 15, .	3.7	25
7	The Design of a Low-Loss, Fast-Response, Metal Thermo-Optic Phase Shifter Based on Coupled-Mode Theory. Photonics, 2022, 9, 447.	2.0	3
8	Strategy for Lowâ€Loss Optical Devices When Using Highâ€Loss Materials. Advanced Photonics Research, 2022, 3, .	3.6	4
9	Large Group Delay in Silicon-on-Insulator Chirped Spiral Bragg Grating Waveguide. IEEE Photonics Journal, 2021, 13, 1-5.	2.0	13
10	A review: Photonics devices, architectures, and algorithms for optical neural computing. Journal of Semiconductors, 2021, 42, 023105.	3.7	48
11	2D Materials Enabled Nextâ€Generation Integrated Optoelectronics: from Fabrication to Applications. Advanced Science, 2021, 8, e2003834.	11.2	70
12	Photonic Matrix Computing: From Fundamentals to Applications. Nanomaterials, 2021, 11, 1683.	4.1	28
13	Compact high-contrast silicon optical filter using all-passive and CROW Fano nanobeam resonators. Optics Letters, 2021, 46, 3873.	3.3	7
14	Ultra-Compact Band-Pass and Band-Stop Tunable Filters Based on Loop-Cascaded Nanobeam Structure. IEEE Photonics Technology Letters, 2021, 33, 1109-1112.	2.5	1
15	Hybrid WDM-MDM transmitter with an integrated Si modulator array and a micro-resonator comb source. Optics Express, 2021, 29, 39847.	3.4	14
16	Loss-induced high-speed silicon microheater. , 2021, , .		0
17	Chip-Scale Optical Matrix Computation for PageRank Algorithm. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-10.	2.9	26
18	Ultra-compact integrated graphene plasmonic photodetector with bandwidth above 110 GHz. Nanophotonics, 2020, 9, 317-325.	6.0	113

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19	Optical modulators based on 2D materials. , 2020, , 37-77.		2
20	Performance of integrated optical switches based on 2D materials and beyond. <i>Frontiers of Optoelectronics</i> , 2020, 13, 129-138.	3.7	36
21	All-Optical Modulator Using MXene Inkjet-Printed Microring Resonator. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020, 26, 1-6.	2.9	25
22	Self-Configuring and Reconfigurable Silicon Photonic Signal Processor. <i>ACS Photonics</i> , 2020, 7, 792-799.	6.6	70
23	Passive Visible-to-Telecom Converter Using Tunable Perovskites and Silicon Photonics. <i>Journal of Lightwave Technology</i> , 2020, 38, 3533-3539.	4.6	1
24	Phosphorene-assisted silicon photonic modulator with fast response time. <i>Nanophotonics</i> , 2020, 9, 1973-1979.	6.0	24
25	Polarimeters from bulky optics to integrated optics: A review. <i>Optics Communications</i> , 2020, 465, 125598.	2.1	15
26	Integrated Optical True Time Delay Network Based on Grating-Assisted Contradirectional Couplers for Phased Array Antennas. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020, 26, 1-7.	2.9	12
27	All-optical PtSe ₂ silicon photonic modulator with ultra-high stability. <i>Photonics Research</i> , 2020, 8, 1189.	7.0	12
28	Double-layer graphene on photonic crystal waveguide electro-absorption modulator with 12 GHz bandwidth. <i>Nanophotonics</i> , 2020, 9, 2377-2385.	6.0	32
29	2D materials integrated with metallic nanostructures: fundamentals and optoelectronic applications. <i>Nanophotonics</i> , 2020, 9, 1877-1900.	6.0	36
30	Separation of Rectangularly Symmetric Modes of Light With Fan-Out Elements. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	0
31	Efficient Spectrum Reshaping with Photonic Gauge Potentials in Resonantly Modulated Fiber-Loop Circuits. <i>Physical Review Applied</i> , 2019, 12, .	3.8	5
32	All-in-one silicon photonic polarization processor. <i>Nanophotonics</i> , 2019, 8, 2257-2267.	6.0	47
33	Field-programmable silicon temporal cloak. <i>Nature Communications</i> , 2019, 10, 2726.	12.8	7
34	Roadmap on all-optical processing. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 063001.	2.2	128
35	The smallest nanowire spectrometers. <i>Frontiers of Optoelectronics</i> , 2019, 12, 341-341.	3.7	3
36	On-chip Stokes Polarimeter Based on a Two-dimensional Grating. , 2019, , .		1

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37	On-chip programmable pulse processor employing cascaded MZI-MRR structure. <i>Frontiers of Optoelectronics</i> , 2019, 12, 148-156.	3.7	41
38	Two-dimensional silicon photonic grating coupler with low polarization-dependent loss and high tolerance. <i>Optics Express</i> , 2019, 27, 22268.	3.4	25
39	Wideband adaptive microwave frequency identification using an integrated silicon photonic scanning filter. <i>Photonics Research</i> , 2019, 7, 172.	7.0	38
40	Bridge from Visible Light Communication to Telecommunication via Perovskite-Silicon Photonics. , 2019, , .		0
41	Universal multimode waveguide crossing based on transformation optics: publisher's note. <i>Optica</i> , 2019, 6, 125.	9.3	0
42	Large Modulation Depth Photonic Crystal Waveguide Electro-Absorption Modulator. , 2019, , .		0
43	Stokes polarimeter with polarization-dependent hologram. , 2019, , .		0
44	Frequency-Hopping Microwave Generation With a Large Time-Bandwidth Product. <i>IEEE Photonics Journal</i> , 2018, 10, 1-9.	2.0	12
45	Spectrum Control through Discrete Frequency Diffraction in the Presence of Photonic Gauge Potentials. <i>Physical Review Letters</i> , 2018, 120, 133901.	7.8	92
46	Photonic Multiple Microwave Frequency Measurement Based on Frequency-to-Time Mapping. <i>IEEE Photonics Journal</i> , 2018, 10, 1-7.	2.0	18
47	Programmable Pulse Processor Using Cascaded Microrings on Silicon Photonic Circuits. , 2018, , .		0
48	Silicon-based polarization analyzer by polarization-frequency mapping. <i>APL Photonics</i> , 2018, 3, .	5.7	11
49	Silicon-Based Polarization Analyzer by Polarization-Frequency Mapping. , 2018, , .		0
50	Efficient Thermal Tuning Employing Metallic Microheater With Slow-Light Effect. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1151-1154.	2.5	6
51	A Continuously Tunable Sub-Gigahertz Microwave Photonic Bandpass Filter Based on an Ultra-High-Q Silicon Microring Resonator. <i>Journal of Lightwave Technology</i> , 2018, 36, 4312-4318.	4.6	89
52	Theoretical study of polarization dependence of carrier-induced refractive index change of quantum dot. <i>Optics Express</i> , 2018, 26, 2252.	3.4	0
53	Silicon-on-insulator-based microwave photonic filter with narrowband and ultrahigh peak rejection. <i>Optics Letters</i> , 2018, 43, 1359.	3.3	43
54	Tunable optical delay line based on integrated grating-assisted contradirectional couplers. <i>Photonics Research</i> , 2018, 6, 880.	7.0	35

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55	Mode measurement of few-mode fibers by mode-frequency mapping. <i>Optics Letters</i> , 2018, 43, 1435.	3.3	10
56	Multiple-dimensional photonic measurements based on mapping technology. , 2018, , .		1
57	Universal multimode waveguide crossing based on transformation optics. <i>Optica</i> , 2018, 5, 1549.	9.3	87
58	Analyzing the mode distribution of few-mode fiber by mode-frequency mapping. , 2018, , .		0
59	Advances on silicon-based integrated microwave photonics. , 2018, , .		0
60	Temporal cloak with large fractional hiding window at telecommunication data rate. <i>Optics Communications</i> , 2017, 388, 77-83.	2.1	6
61	Photonic crystal nanocavity assisted rejection ratio tunable notch microwave photonic filter. <i>Scientific Reports</i> , 2017, 7, 40223.	3.3	13
62	Slow-light-enhanced energy efficiency for graphene microheaters on silicon photonic crystal waveguides. <i>Nature Communications</i> , 2017, 8, 14411.	12.8	153
63	Orbital Angular Momentum Divider of Light. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	7
64	Linear and nonlinear microwave responses of a microwave photonic filter based on a photonic crystal microcavity. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	5
65	Detecting the topological charge of a vortex beam by an arc slit diffraction. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750172.	2.0	2
66	Measuring the Orbital Angular Momentum State of Light by Coordinate Transformation. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 86-89.	2.5	9
67	A Tunable Single Passband Microwave Photonic Filter of Overcoming Fiber Dispersion Induced Amplitude Fading. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	4
68	Polarization analyzer based on rotational Doppler Effect. , 2017, , .		0
69	Advances on integrated microwave photonics. , 2017, , .		0
70	On-chip optical diode with low power consumption. , 2017, , .		0
71	Ultra-Compact linear chirped microwave signal generator. , 2017, , .		1
72	Temporal cloak for data restraint and illusion. , 2017, , .		0

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73	Energy-efficient on-chip optical diode based on the optomechanical effect. Optics Express, 2017, 25, 8975.	3.4	26
74	Tomographic polarization analyzer by polarization-mode-frequency mapping. Optics Express, 2017, 25, 14023.	3.4	10
75	Widely tunable fractional-order photonic differentiator using a Mach-Zehnder interferometer coupled microring resonator. Optics Express, 2017, 25, 33305.	3.4	20
76	Broadband on-chip integrator based on silicon photonic phase-shifted Bragg grating. Photonics Research, 2017, 5, 182.	7.0	11
77	Bandwidth-adaptable silicon photonic differentiator employing a slow light effect. Optics Letters, 2017, 42, 1596.	3.3	11
78	Demonstration of the temporal illusion and mosaic. Optics Express, 2017, 25, 12455.	3.4	1
79	Photonic linear chirped microwave signal generation based on the ultra-compact spectral shaper using the slow light effect. Optics Letters, 2017, 42, 3299.	3.3	9
80	Optical solver for a system of ordinary differential equations based on an external feedback assisted microring resonator. Optics Letters, 2017, 42, 2310.	3.3	11
81	On-Chip Optical Feedback Systems for Solving Systems of Ordinary Differential Equations. Journal of Lightwave Technology, 2017, 35, 5185-5192.	4.6	2
82	125-GHz Microwave Signal Generation Employing an Integrated Pulse Shaper. Journal of Lightwave Technology, 2017, 35, 2741-2745.	4.6	12
83	Robust photonic differentiator employing slow light effect in photonic crystal waveguide. , 2017, , .		0
84	Reconfigurable symmetric pulses generation using on-chip cascaded optical differentiators. Optics Express, 2016, 24, 20529.	3.4	8
85	Photonic arbitrary waveform generator based on Taylor synthesis method. Optics Express, 2016, 24, 24390.	3.4	18
86	On-chip arbitrary waveform generator and differentiator. , 2016, , .		0
87	Retrieving orbital angular momentum distribution of light with plasmonic vortex lens. Scientific Reports, 2016, 6, 27265.	3.3	6
88	Dividing orbital angular momentum of light. , 2016, , .		0
89	Reconfigurable photonic temporal differentiator based on a dual-drive Mach-Zehnder modulator. Optics Express, 2016, 24, 11739.	3.4	18
90	Measurement of Orbital Angular Momentum by Self-Interference Using a Plasmonic Metasurface. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	8

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91	Large-range tunable fractional-order differentiator based on cascaded microring resonators. <i>Frontiers of Optoelectronics</i> , 2016, 9, 399-405.	3.7	2
92	Theoretical analysis for optomechanical all-optical transistor. <i>Frontiers of Optoelectronics</i> , 2016, 9, 406-411.	3.7	4
93	Theoretical analysis and experimental verification on optical rotational Doppler effect. <i>Optics Express</i> , 2016, 24, 10050.	3.4	80
94	Switchable Microwave Photonic Filter Between Low-Pass and High-Pass Responses. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	2.0	3
95	Generation of Millimeter-Wave Ultra-Wideband Pulses Free of Strong Local Oscillation and Background. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2363-2366.	2.5	5
96	Flat-top bandpass microwave photonic filter with tunable bandwidth and center frequency based on a Fabry-Pérot semiconductor optical amplifier. <i>Optics Letters</i> , 2016, 41, 3301.	3.3	9
97	Optical true time delay based on contradirectional couplers with single sidewall-modulated Bragg gratings. , 2016, , .		2
98	A Special issue on Semiconductor optoelectronics dedicated to Prof. Dexiu Huang's 80th birthday. <i>Frontiers of Optoelectronics</i> , 2016, 9, 339-340.	3.7	0
99	Tunable Image Rotator of Light With Optical Geometric Transformation. <i>IEEE Photonics Journal</i> , 2016, 8, 1-7.	2.0	2
100	A temporal cloak based on ultra-short-pulse generation and time-domain fraunhofer diffraction. , 2016, , .		0
101	On-chip pulse shaper for optical and microwave arbitrary waveform generation. , 2016, , .		0
102	Route-asymmetrical light transmission of a fiber-chip-fiber optomechanical system. <i>Frontiers of Optoelectronics</i> , 2016, 9, 489-496.	3.7	2
103	Ultra-Compact Broadband Tunable Graphene Plasmonic Multimode Interferometer. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 645-648.	2.5	10
104	Ultrashort polarization rotator based on cross-symmetry waveguide. <i>Optics Communications</i> , 2016, 367, 68-71.	2.1	3
105	Optical-biased modulator employing a single silicon micro-ring resonator. <i>Optics Communications</i> , 2016, 368, 58-62.	2.1	1
106	Compact continuously tunable microwave photonic filters based on cascaded silicon microring resonators. <i>Optics Communications</i> , 2016, 363, 128-133.	2.1	8
107	Experimental demonstration of reconfigurable pulses generation based on integrated optical differentiators. , 2016, , .		0
108	An all-silicon passive six-port circuit of all-optical ordered-route transmission. , 2016, , .		0

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109	Scalability and tunability of the silicon circuit supporting on-chip ordered-route light transmission. , 2016, , .		1
110	Optical holographic anti-counterfeiting using a plasmonic metasurface. , 2016, , .		0
111	Nonreciprocal light transmission based on the thermal radiative effect. , 2015, , .		0
112	On-chip passive three-port circuit of all-optical ordered-route transmission. Scientific Reports, 2015, 5, 10190.	3.3	32
113	Integrated all-optical three-port circuit of ordered-route transmission. , 2015, , .		0
114	Designing Appointed and Multiple Focuses With Plasmonic Vortex Lenses. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	9
115	Compact tunable microwave photonic filters based on cascaded microring resonators. , 2015, , .		0
116	Photonic measurement of microwave frequency using a silicon microdisk resonator. Optics Communications, 2015, 335, 266-270.	2.1	37
117	Photonic generation of millimeter-wave using a silicon microdisk resonator. Optics Communications, 2015, 343, 115-120.	2.1	7
118	Experimental observation of optical differentiation and optical Hilbert transformation using a single SOI microdisk chip. Scientific Reports, 2015, 4, 3960.	3.3	27
119	Double-Slit and Square-Slit Interferences With Surface Plasmon Polaritons Modulated by Orbital Angular Momentum Beams. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	2
120	Arbitrary waveform generator and differentiator employing an integrated optical pulse shaper. Optics Express, 2015, 23, 12161.	3.4	35
121	Operation bandwidth optimization of photonic differentiators. Optics Express, 2015, 23, 18925.	3.4	8
122	Chip-integrated all-optical 4-bit Gray code generation based on silicon microring resonators. Optics Express, 2015, 23, 21414.	3.4	26
123	On-chip optical pulse shaper and its application in arbitrary waveform generation. , 2015, , .		0
124	Multi frequency components generation using cascaded time lenses based on space-time duality. , 2015, , .		0
125	Thermal-tuned optical pulse shaper for arbitrary waveform generation with integrated waveguides. , 2015, , .		0
126	Detecting orbital angular momentum of light with an arc slit. , 2015, , .		1

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127	Optionally focusing with plasmonic vortex lens. , 2015, , .		1
128	Generation of Terahertz Vortices Using Metasurface With Circular Slits. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	38
129	Manipulation of orbital angular momentum beams based on space diffraction compensation. Optics Express, 2014, 22, 17756.	3.4	7
130	Reconfigurable Temporal Fourier Transformation and Temporal Imaging. Journal of Lightwave Technology, 2014, 32, 4565-4570.	4.6	8
131	Hybrid coding method of multiple orbital angular momentum states based on the inherent orthogonality. Optics Letters, 2014, 39, 731.	3.3	10
132	Triangular-shaped pulse generation based on self-convolution of a rectangular-shaped pulse. Optics Letters, 2014, 39, 2258.	3.3	67
133	Fractional-order photonic differentiator using an on-chip microring resonator. Optics Letters, 2014, 39, 6355.	3.3	36
134	Temporal imaging using a time pinhole. Optics Express, 2014, 22, 8076.	3.4	50
135	Expanded all-optical programmable logic array based on multi-input/output canonical logic units. Optics Express, 2014, 22, 9959.	3.4	18
136	Tunable fractional-order differentiator using an electrically tuned silicon-on-insulator Mach-Zehnder interferometer. Optics Express, 2014, 22, 18232.	3.4	25
137	Integrated programmable photonic filter on the silicon-on-insulator platform. Optics Express, 2014, 22, 31993.	3.4	34
138	Tunable photonic differentiator and integrator with a silicon microring resonator. , 2014, , .		2
139	Dynamic interferometry measurement of orbital angular momentum of light. Optics Letters, 2014, 39, 6058.	3.3	35
140	Route-asymmetrical optical transmission and logic gate based on optical gradient force. Optics Express, 2014, 22, 25947.	3.4	8
141	Comparison analysis of microwave photonic filter using SOI microring and microdisk resonators. , 2014, , .		0
142	On-chip optical pulse shaper for arbitrary waveform generation using optical gradient force. , 2014, , .		1
143	Double metal subwavelength slit arrays interference to measure the orbital angular momentum and the polarization of light. Optics Letters, 2014, 39, 3173.	3.3	36
144	Photonic generation of UWB impulses by using a Fabry-Pérot semiconductor optical amplifier. Optics Communications, 2014, 315, 356-361.	2.1	0

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145	Photonic Hilbert Transformer Employing On-Chip Photonic Crystal Nanocavity. Journal of Lightwave Technology, 2014, 32, 3704-3709.	4.6	13
146	Chip-integrated optical power limiter based on an all-passive micro-ring resonator. Scientific Reports, 2014, 4, 6676.	3.3	11
147	All-optical differential equation solver with constant-coefficient tunable based on a single microring resonator. Scientific Reports, 2014, 4, 5581.	3.3	41
148	All-optical analog signal processing technologies with SOI-based microring resonators. , 2013, , .		0
149	Photonic Generation of Precisely π Phase-Coded Microwave Signal With Broadband Tunability. IEEE Photonics Technology Letters, 2013, 25, 2466-2469.	2.5	12
150	An optically tunable optoelectronic oscillator incorporating a bandpass microwave photonic filter. , 2013, , .		0
151	Compact Notch Microwave Photonic Filters Using On-Chip Integrated Microring Resonators. IEEE Photonics Journal, 2013, 5, 5500307-5500307.	2.0	57
152	A single passband microwave photonic filter with flat-top and steep transition edges. Optics Communications, 2013, 286, 95-98.	2.1	4
153	High-order all-optical differential equation solver based on microring resonators. Optics Letters, 2013, 38, 3735.	3.3	33
154	High-order photonic differentiator employing on-chip cascaded microring resonators. Optics Letters, 2013, 38, 628.	3.3	46
155	All-optical computation system for solving differential equations based on optical intensity differentiator. Optics Express, 2013, 21, 7008.	3.4	40
156	Compact, flexible and versatile photonic differentiator using silicon Mach-Zehnder interferometers. Optics Express, 2013, 21, 7014.	3.4	40
157	In-line polarization-dependent microfiber interferometers and their applications in UWB signal generation. Optics Express, 2013, 21, 8231.	3.4	12
158	Comparison analysis of optical frequency comb generation with nonlinear effects in highly nonlinear fibers. Optics Express, 2013, 21, 8508.	3.4	76
159	Ultracompact Onchip Photonic Differentiator Based on Silicon Microdisk Resonator. , 2013, , .		0
160	High-order Photonic Differentiator using On-chip Cascaded Mach-Zehnder Interferometers. , 2013, , .		0
161	Multi-functional Photonic Differentiators based on Versatile Demodulation of Phase Signals. , 2013, , .		0
162	All-Optical Signal Processing with SOI-based Microring Resonators. , 2013, , .		0

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163	Photonic generation of ultra-wideband doublet pulse using a semiconductor-optical-amplifier based polarization-diversified loop. Optics Letters, 2012, 37, 2217.	3.3	11
164	Photonic generation of UWB doublet pulse based on XPM in an SOA-based NOLM. , 2012, , .		3
165	All-optical programmable logic arrays using SOA-based canonical logic units. , 2012, , .		0
166	Bandwidth-Tunable Single-Carrier UWB Monocycle Generation Using a Nonlinear Optical Loop Mirror. IEEE Photonics Technology Letters, 2012, 24, 1646-1649.	2.5	8
167	All-Optical Canonical Logic Units-Based Programmable Logic Array (CLUs-PLA) Using Semiconductor Optical Amplifiers. Journal of Lightwave Technology, 2012, 30, 3532-3539.	4.6	30
168	Reconfigurable Four-Input Photonic Logic Minterms and Maxterms Generation Using SOAs. IEEE Photonics Technology Letters, 2012, 24, 985-987.	2.5	2
169	Power-efficient UWB generation based on hybrid of optical fiber link and RF circuits. Proceedings of SPIE, 2012, , .	0.8	0
170	40-Gb/s all-optical digital 4-bit priority encoder employing cross-gain modulation in semiconductor optical amplifiers. Science Bulletin, 2012, 57, 1204-1208.	1.7	5
171	Simple solutions for photonic power-efficient ultra-wideband system assisted by electrical bandpass filter. Frontiers of Optoelectronics, 2012, 5, 403-413.	3.7	2
172	40-Gbit/s 3-input all-optical priority encoder based on cross-gain modulation in two parallel semiconductor optical amplifiers. Frontiers of Optoelectronics, 2012, 5, 195-199.	3.7	0
173	Simultaneous all-optical digital comparator and dual-directional half-subtractor for two-input 40Gbit/s DPSK signals employing SOAs. Optics Communications, 2012, 285, 407-411.	2.1	12
174	Photonic generation of millimeter-wave ultra-wideband signal using phase modulation to intensity modulation conversion and frequency up-conversion. Optics Communications, 2012, 285, 1748-1752.	2.1	9
175	UWB Monocycle Generation and Bi-Phase Modulation Based on Mach-Zehnder Modulator and Semiconductor Optical Amplifier. IEEE Photonics Journal, 2012, 4, 327-339.	2.0	20
176	All-Optical Millimeter-Wave Ultrawideband Signal Generation Using a Nonlinear Optical Loop Mirror. IEEE Photonics Journal, 2012, 4, 350-356.	2.0	5
177	Dual-Pumped Tellurite Fiber Amplifier and Tunable Laser Using Er ³⁺ /Ce ³⁺ Codoping Scheme. IEEE Photonics Technology Letters, 2011, 23, 736-738.	2.5	36
178	Ultra-Wideband Generation Based on Cascaded Mach-Zehnder Modulators. IEEE Photonics Technology Letters, 2011, 23, 1754-1756.	2.5	23
179	A Tunable Microwave Photonic Filter Based on an All-Optical Differentiator. IEEE Photonics Technology Letters, 2011, 23, 308-310.	2.5	34
180	40-Gb/s 16-ary All-Optical Logic Minterms Generation for Four-Line Inputs. IEEE Photonics Technology Letters, 2011, 23, 1322-1324.	2.5	4

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181	Single Passband Microwave Photonic Filter With Continuous Wideband Tunability Based on Electro-Optic Phase Modulator and Fabry-Pérot Semiconductor Optical Amplifier. Journal of Lightwave Technology, 2011, 29, 3542-3550.	4.6	29
182	All-optical binary phase-coded UWB signal generation for multi-user UWB communications. Optics Express, 2011, 19, 10587.	3.4	13
183	Reconfigurable photonic differentiators based on all-optical phase modulation and linear filtering. Optics Communications, 2011, 284, 5792-5797.	2.1	15
184	Arbitrary-Order Bandwidth-Tunable Temporal Differentiator Using a Programmable Optical Pulse Shaper. IEEE Photonics Journal, 2011, 3, 996-1003.	2.0	16
185	All-Optical Microwave Photonic Filter Based on Electrooptic Phase Modulator and Detuned Wavelength Division De-Multiplexer. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2340-2349.	4.6	5
186	All-optical switchable UWB pulses generation, modulation and transmission. Optics Communications, 2011, 284, 2448-2454.	2.1	4
187	40Gb/s all-optical binary-coded-decimal decoder. Proceedings of SPIE, 2011, , .	0.8	0
188	Ultra-wideband pulse generation based on cascaded semiconductor optical amplifiers. , 2011, , .		1
189	Photonic generation of power-efficient ultra-wideband waveforms using a single semiconductor optical amplifier. , 2010, , .		0
190	Experimental demonstration of 40 Gbit/s 2-to-4 photonic decoder based on delay interferometers and semiconductor optical amplifiers. Proceedings of SPIE, 2010, , .	0.8	0
191	All optical microwave photonic filter with bandpass and notch filtering shapes. , 2010, , .		0
192	Widely tunable microwave photonic filter based on semiconductor optical amplifier. , 2010, , .		0
193	Microwave photonic filter with multiple taps based on single semiconductor optical amplifier. Optics Communications, 2010, 283, 3026-3029.	2.1	7
194	Photonic generation of power-efficient ultra-wideband waveforms using a single semiconductor optical amplifier. , 2010, , .		2
195	All-optical UWB generation and modulation using SOA-XPM effect and DWDM-based multi-channel frequency discrimination. Optics Express, 2010, 18, 24588.	3.4	48
196	Switchable microwave photonic filter between high Q bandpass filter and notch filter with flat passband based on phase modulation. Optics Express, 2010, 18, 25271.	3.4	41
197	All optical microwave photonic filter with bandpass and notch filtering shapes. , 2010, , .		0
198	Experimental demonstration of 2-to-4 line photonic decoder at 40 Gbit/s with FDIs and SOAs. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
199	Photonic Generation of Power-Efficient Ultra-wideband Waveforms Using a Single Semiconductor Optical Amplifier. , 2010, , .		0
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