

Kun Xu

List of Publications by Year in descending order

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172
papers

2,103
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304743

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265206

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172
all docs

172
docs citations

172
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning in materials science. Informa ⁿ Mater ⁱ ly, 2019, 1, 338-358.	17.3	427
2	SnO ₂ in Polymer Matrix for High Efficiency Perovskite Solar Cells with Improved Reproducibility and Stability. Advanced Materials, 2018, 30, e1805153.	21.0	185
3	Broadband Photonic RF Channelization Based on Coherent Optical Frequency Combs and I/Q Demodulators. IEEE Photonics Journal, 2012, 4, 1196-1202.	2.0	118
4	Machine learning-driven new material discovery. Nanoscale Advances, 2020, 2, 3115-3130.	4.6	111
5	Broadband Photonic Radio-Frequency Channelization Based on a 39-GHz Optical Frequency Comb. IEEE Photonics Technology Letters, 2012, 24, 661-663.	2.5	102
6	Nonlinear equalization based on pruned artificial neural networks for 112-Gb/s SSB-PAM4 transmission over 80-km SSMF. Optics Express, 2018, 26, 10631.	3.4	62
7	Intermodulation distortion suppression for intensity-modulated analog fiber-optic link incorporating optical carrier band processing. Optics Express, 2013, 21, 23433.	3.4	53
8	Overcoming Chromatic-Dispersion-Induced Power Fading in ROF Links Employing Parallel Modulators. IEEE Photonics Technology Letters, 2012, 24, 1173-1175.	2.5	46
9	UV Inert ZnTiO ₃ Electron Selective Layer for Photostable Perovskite Solar Cells. Advanced Energy Materials, 2019, 9, 1901620.	19.5	43
10	A Simple Photonic-Assisted Microwave Frequency Measurement System Based on MZI With Tunable Measurement Range and High Resolution. IEEE Photonics Technology Letters, 2010, 22, 1162-1164.	2.5	39
11	Multifrequency radio frequency sensing with photonics-assisted spectrum compression. Optics Letters, 2013, 38, 4386.	3.3	34
12	Switchable Complementary Diamond-Ring-Shaped Metasurface for Radome Application. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2494-2497.	4.0	30
13	Polymer assisted deposition of high-quality CsPbI ₂ Br film with enhanced film thickness and stability. Nano Research, 2020, 13, 684-690.	10.4	30
14	Integrated Multifrequency Recognition and Downconversion Based on Photonics-Assisted Compressive Sampling. IEEE Photonics Journal, 2012, 4, 664-670.	2.0	29
15	Single-Lane 112-Gbit/s SSB-PAM4 Transmission With Dual-Drive MZM and Kramers-Kronig Detection Over 80-km SSMF. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	29
16	Dual-Stage Soft Failure Detection and Identification for Low-Margin Elastic Optical Network by Exploiting Digital Spectrum Information. Journal of Lightwave Technology, 2020, 38, 2669-2679.	4.6	29
17	Optical linearization for intensity-modulated analog links employing equivalent incoherent combination technique. , 2011, , .		24
18	Microwave Photonic Frequency Up-Convertor With Frequency Doubling and Compensation of Chromatic-Dispersion-Induced Power Fading. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	24

#	ARTICLE	IF	CITATIONS
19	STFT Based on Bandwidth-Scaled Microwave Photonics. Journal of Lightwave Technology, 2021, 39, 1680-1687.	4.6	24
20	64-Gb/s SSB-PAM4 Transmission Over 120-km Dispersion-Uncompensated SSMF With Blind Nonlinear Equalization, Adaptive Noise-Whitening Postfilter and MLS. Journal of Lightwave Technology, 2017, 35, 5193-5200.	4.6	23
21	Low Complexity OSNR Monitoring and Modulation Format Identification Based on Binarized Neural Networks. Journal of Lightwave Technology, 2020, 38, 1314-1322.	4.6	23
22	Photonic RF Phase Shifter Based on a Vector-Sum Technique Using Stimulated Brillouin Scattering in Dispersion Shifted Fiber. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3206-3212.	4.6	22
23	Digital joint compensation of IMD3 and XMD in broadband channelized RF photonic link. Optics Express, 2012, 20, 25636.	3.4	22
24	Tunable Plasmon Induced Transparency in a Metallo-dielectric Grating Coupled With Graphene Metamaterials. Journal of Lightwave Technology, 2017, 35, 5142-5149.	4.6	20
25	Multimode fiber spectrometer with scalable bandwidth using space-division multiplexing. AIP Advances, 2019, 9, .	1.3	20
26	Large magnetocaloric effect in van der Waals crystal CrBr3. Frontiers of Physics, 2019, 14, 1.	5.0	20
27	Real-time Fourier transformation based on the bandwidth magnification of RF signals. Optics Letters, 2018, 43, 194.	3.3	19
28	Real-time frequency-to-time mapping based on spectrally-discrete chromatic dispersion. Optics Express, 2017, 25, 16660.	3.4	18
29	Layered hybrid perovskite solar cells based on single-crystalline precursor solutions with superior reproducibility. Sustainable Energy and Fuels, 2018, 2, 2237-2243.	4.9	18
30	Space-division-multiplexed transmission of 3x3 multiple-input multiple-output wireless signals over conventional graded-index multimode fiber. Optics Express, 2016, 24, 28372.	3.4	17
31	Experimental Demonstration of Mixed-Polarization to Linearize Electro-Absorption Modulators in Radio-Over-Fiber Links. IEEE Photonics Technology Letters, 2011, 23, 230-232.	2.5	16
32	Principle-Driven Fiber Transmission Model Based on PINN Neural Network. Journal of Lightwave Technology, 2022, 40, 404-414.	4.6	16
33	Megahertz-resolution programmable microwave shaper. Optics Letters, 2018, 43, 1878.	3.3	15
34	Improved Decoding of Staircase Codes: The Soft-Aided Bit-Marking (SABM) Algorithm. IEEE Transactions on Communications, 2019, 67, 8220-8232.	7.8	14
35	Decoding Staircase Codes with Marked Bits. , 2018, , .		13
36	Image Reconstruction Using Pre-Trained Autoencoder on Multimode Fiber Imaging System. IEEE Photonics Technology Letters, 2020, 32, 779-782.	2.5	13

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37	40 Gb/s Multifunction Optical Format Conversion Module With Wavelength Multicast Capability Using Nondegenerate Four-Wave Mixing in a Semiconductor Optical Amplifier. <i>Journal of Lightwave Technology</i> , 2009, 27, 4446-4454.	4.6	12
38	Optimized indoor wireless propagation model in WiFi-RoF network architecture for RSS-based localization in the Internet of Things. , 2011, , .		12
39	Stable and Low-Spurs Optoelectronic Oscillators: A Review. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2623.	2.5	12
40	Advanced DSP technique for dynamic range improvement of a phase-modulation and coherent-detection microwave photonic link. , 2013, , .		11
41	Nonlinear Distortions Compensation Based on Artificial Neural Networks in Wideband and Multi-Carrier Systems. <i>IEEE Journal of Quantum Electronics</i> , 2019, 55, 1-5.	1.9	11
42	Digital linearization technique for IMD3 suppression in intensity-modulated analog optical links. , 2011, , .		10
43	Broadband photonic radio frequency (RF) channelization based on coherent optical frequency combs and polarization I/Q demodulation. <i>Science China Technological Sciences</i> , 2013, 56, 621-628.	4.0	10
44	Hybrid radio-intermediate-frequency oscillator with photonic-delay-matched frequency conversion pair. <i>Optics Letters</i> , 2015, 40, 2894.	3.3	10
45	Overestimation Trap of Artificial Neural Network: Learning the Rule of PRBS. , 2018, , .		10
46	Stabilized Optoelectronic Oscillator With Enlarged Frequency-Drift Compensation Range. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1289-1292.	2.5	10
47	Application analysis of clipping and digital resolution enhancer in high-speed direct-detection PAM4 transmission. <i>Optics Express</i> , 2020, 28, 17841.	3.4	10
48	Spurious Suppression in Millimeter-Wave OEO With a High- \$Q\$ Optoelectronic Filter. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1671-1674.	2.5	9
49	Feasibility of Space-Division-Multiplexed Transmission of IEEE 802.11 n/ac-Compliant Wireless MIMO Signals Over OM3 Multimode Fiber. <i>Journal of Lightwave Technology</i> , 2018, 36, 2076-2082.	4.6	9
50	Long-term measurement of high Q optical resonators based on optical vector network analysis with Pound Drever Hall technique. <i>Optics Express</i> , 2018, 26, 26888.	3.4	9
51	All-type optical logic gates using plasmonic coding metamaterials and multi-objective optimization. <i>Optics Express</i> , 2022, 30, 11633.	3.4	9
52	Digital linearization of multi-carrier RF link with photonic bandpass sampling. <i>Optics Express</i> , 2015, 23, 23177.	3.4	8
53	Broadband lower-IF RF receiver based on microwave photonic mixer and Kramers-Kronig detection. <i>Optics Express</i> , 2018, 26, 26400.	3.4	8
54	Performance Improvement in Analog Photonics Link Incorporating Digital Post-Compensation and Low-Noise Electrical Amplifier. <i>IEEE Photonics Journal</i> , 2014, 6, 1-7.	2.0	7

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55	Precise Time Delay Sensing and Stable Frequency Dissemination on Arbitrary Intermediate Point Along Fiber-Optic Loop Link With RF Phase Locking Assistance. IEEE Photonics Journal, 2015, 7, 1-9.	2.0	7
56	Six-Port Direct Modulator With Carrier Suppression Technology for High-Speed High-Frequency Wireless Communications. IEEE Microwave and Wireless Components Letters, 2017, 27, 745-747.	3.2	7
57	UWB Impulse Radio Transmitter Using an Electrooptic Phase Modulator Together With a Delay Interferometer. IEEE Photonics Technology Letters, 2010, 22, 1479-1481.	2.5	6
58	Bandpass sampling based digital coherent receiver with free-running local oscillator laser for phase-modulated radio-over-fiber links. Optics Express, 2014, 22, 27007.	3.4	6
59	Experimental study on the statistic characteristics of a 3x3 RF MIMO channel over a single conventional multimode fiber. Optics Letters, 2017, 42, 2217.	3.3	6
60	A Six-Port Transceiver for Frequency-Division Duplex Systems. IEEE Microwave and Wireless Components Letters, 2018, 28, 936-938.	3.2	6
61	Low spurious optoelectronic oscillator achieved by frequency conversion filtering without deteriorating phase noise. Optics Express, 2020, 28, 18529.	3.4	6
62	Performance Investigation of Error-Feedback Noise Shaping in Low-Resolution High-Speed IM/DD and Coherent Transmission Systems. Journal of Lightwave Technology, 2022, 40, 3669-3680.	4.6	6
63	Multicarrier Group Detection in Receiver-Side Duobinary-Shaped WDM Superchannel Systems. IEEE Photonics Technology Letters, 2012, 24, 1206-1208.	2.5	5
64	Improved IEEE 802.11 point coordination function considering fiber-delay difference in distributed antenna systems. , 2014, , .		5
65	Reconstruction of nonlinear flows from noisy time series. Nonlinear Dynamics, 2022, 108, 3887-3902.	5.2	5
66	A resilient OBS/GMPLS network for survival optical grids. , 2009, , .		4
67	Clip-and-Filter-Based Crest Factor Reduction and Digital Predistortion for WLAN-Over-Fiber Links. IEEE Photonics Technology Letters, 2014, 26, 2315-2318.	2.5	4
68	Phase-Stabilized Delivery for Multiple Local Oscillator Signals via Optical Fiber. IEEE Photonics Journal, 2014, 6, 1-8.	2.0	4
69	Performance analysis of commercial multiple-input-multiple-output access point in distributed antenna system. Optics Express, 2015, 23, 7500.	3.4	4
70	Multiband Phase-Modulated RoF Link With Coherent Detection and Bandpass Sampling. IEEE Photonics Technology Letters, 2015, 27, 2308-2311.	2.5	4
71	Self-Oscillating Triangular Pulse Generator Based on 90° Photonic-Assisted Phase Shifter. IEEE Photonics Technology Letters, 2017, 29, 271-274.	2.5	4
72	Generalized Soft Failure Identification enabled by Digital Residual Spectrum and Autoencoder. , 2021, , .		4

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73	Self-Injection-Locked Optoelectronic Oscillator Based on Frequency Conversion Filtering. Journal of Lightwave Technology, 2022, 40, 1888-1894.	4.6	4
74	Reconfigurable and simultaneous implementation of all-optical logic gate using four-wave mixing (FWM) in HNLf for NRZ-olSK signal. , 2010, , .		3
75	Instantaneous microwave frequency measurement using a microfiber ring resonator (MRR) based photonic differentiator. , 2011, , .		3
76	Generation of 40 GHz phase stable optical short pulses using intensity modulator and two cascaded phase modulators. Frontiers of Optoelectronics in China, 2011, 4, 292-297.	0.2	3
77	Multi-octave operation of analog optical link using parallel intensity modulators. , 2013, , .		3
78	Behavioral modeling and digital compensation of nonlinearity in multi-band externally-modulated radio-over-fiber links. , 2016, , .		3
79	Dither-free low-bias controller for deeply modulated Mach-Zehnder modulators. Photonic Network Communications, 2016, 32, 259-265.	2.7	3
80	Microwave photonic frequency up-converter with frequency doubling and compensation of chromatic-dispersion-induced power fading. , 2017, , .		3
81	High-performance millimeter-wave synergetic optoelectronic oscillator with regenerative frequency-dividing oscillation technique. Optics Express, 2019, 27, 9848.	3.4	3
82	Error-Feedback Noise Shaping for Low-Resolution High-Speed IM/DD and Coherent Transmission Systems. , 2021, , .		3
83	Universal Fiber Models based on PINN Neural Network. , 2020, , .		3
84	Experimental Demonstration of Soft Failure Identification Based on Digital Residual Spectrum and Machine Learning. , 2021, , .		3
85	A novel simple RF-to-digital photonic link based on a single phase modulator. , 2011, , .		2
86	160-GBaud DQPSK Optical Time-Division Demultiplexing Using a Polarization Modulator. IEEE Photonics Technology Letters, 2012, 24, 772-774.	2.5	2
87	Throughput model for IEEE 802.11 distributed coordination function in radio-over-fiber-based distributed antenna systems. , 2013, , .		2
88	Bandpass Sampling in digital coherent receiver with free-running local oscillator laser for phase modulated radio-over-fiber systems. , 2014, , .		2
89	Mitigation of cross-modulation distortion in wideband analog photonic link based on digital post-processing. , 2014, , .		2
90	Integrating baseband-over-fiber and six-port direct modulation for high-speed high-frequency wireless communications. , 2016, , .		2

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91	Direct detection of PAM4 signals with receiver-side digital signal processing for bandwidth-efficient short-reach optical transmissions. , 2016, , .		2
92	Frequency-Oriented Subsampling by Photonic Fourier Transform and I/Q Demodulation. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	2
93	Time Delay Measurement in Optical Fibers Based on Phase Detection. , 2018, , .		2
94	Fiber Nonlinearity Equalizer using MLP-ANN for Coherent Optical OFDM. , 2019, , .		2
95	Application Study of Clipping and Digital Resolution Enhancer for Low-Resolution High-Speed IM/DD PAM4 Transmission. , 2020, , .		2
96	Performance characterization and limitation of coherence multiplexing technique in Radio over Fiber systems. , 2010, , .		1
97	Nonlinear intermodulation distortion suppression in digital photonic link using polarization modulator. , 2011, , .		1
98	Intra-channel Fiber Nonlinearity Mitigation Based on DBP in Single Channel and WDM Coherent Optical Transmission Systems Using Different Pulse Shapes. Frequenz, 2011, 65, .	0.9	1
99	A photonic approach for instantaneous microwave frequency measurement based on simultaneous phase modulation and intensity modulation using Mach-Zehnder interferometers. , 2012, , .		1
100	Digital nonlinearities compensation based on forward distortion information acquisition in channelized RF photonic links. , 2012, , .		1
101	Characterization of instantaneous frequency and glitches of sweeping oscillator and its application to multifrequency estimation. , 2012, , .		1
102	Broadband downlink stable radio frequency phase delivery exploiting fiber chromatic dispersion. , 2013, , .		1
103	Radio-over-fiber-based distributed antenna systems supporting IEEE 802.11N/AC standards. , 2013, , .		1
104	Experimental study on multi-dimensional digital predistortion for multi-band externally-modulated radio-over-fiber systems. , 2014, , .		1
105	Photonic Calibration of Sweeping Oscillator and Its Application to RF Measurement. Journal of Lightwave Technology, 2014, 32, 55-62.	4.6	1
106	Linear demodulation of intensity-modulated analog photonic link based on polarization modulator. , 2014, , .		1
107	Simultaneous frequency and time delivery on intermediate point of RoF loop link. , 2014, , .		1
108	Frequency stability improvement of tunable optoelectronic oscillator by means of low frequency servo-control loop. , 2015, , .		1

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109	An RF photonic frontend for multi-channel broadband communication payloads. , 2016, , .		1
110	Study on photonic and digital hybrid flexible satellite payload. , 2017, , .		1
111	Dual-band linear frequency-modulated continuous wave radar receiver with high image rejection based on microwave photonic I/Q mixer. , 2017, , .		1
112	A Detection-â€Switching-â€Assisted DCF Mechanism for Simulcast WLAN-â€Cover-â€Fiber Based Distributed Antenna Systems. Chinese Journal of Electronics, 2017, 26, 837-841.	1.5	1
113	A Broadband, Rectangular, and Self-Sustained Optical Frequency Comb Generation Employing Recirculation Frequency Shifter. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	1
114	Mitigation of modulation distortion in wideband and multi-carrier analog photonics links based on artificial neural network. , 2018, , .		1
115	Efficient Optical Spatial First-Order Differentiator Based on Graphene-Based Metalines and Evolutionary Algorithms. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	1
116	Phase-Stabilized Side-Branch RoF Link for Extensible Frequency Dissemination in Distributed Systems. IEEE Photonics Journal, 2021, 13, 1-7.	2.0	1
117	Amplitude Modulation to Phase Modulation Conversion in Photonic Bandpass Sampling Link. IEEE Photonics Journal, 2021, 13, 1-5.	2.0	1
118	Suppressed XMD in Multi-carrier, RF-amplified RF Photonic Link by Cascaded MZMs. , 2015, , .		1
119	Adaptation Mechanism for Digital Spectrum-based Soft Failure Identification. , 2020, , .		1
120	Mitigation of Multi-Source Modulation Distortions in A-RoF Link by Using Transfer Learning aided ANN. , 2020, , .		1
121	Efficient Design of 3D Chiral Plasmonic Metasurfaces Assisted by Intelligent Algorithms. , 2021, , .		1
122	Performance of RF Signal Transmission Over Coherence Multiplexing Systems. Journal of Lightwave Technology, 2011, 29, 1764-1774.	4.6	0
123	Arbitrary repetition-rate multiplication of high speed optical pulses using a programmable optical processor. , 2011, , .		0
124	Compensation of the chromatic dispersion in long-reach analog optical links incorporating parallel electro-optic phase and intensity modulators. , 2011, , .		0
125	All-optical controllable microwave phase inverter based on the cascaded polarization modulator and electro-optic phase modulators. , 2011, , .		0
126	Photonic-assisted microwave frequency measurement with small time delay. , 2011, , .		0

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127	Broadband & accurate multi-component RF sensing by photonic compressive sampling. , 2012, , .		0
128	A cost-effective broadband RoF transceiver based on COTS GbE optical components. , 2012, , .		0
129	Feed-Forward Optical Carrier Recovery for QAM Coherent Optical Receivers. Journal of Optical Communications, 2012, 33, .	4.7	0
130	Suppression of second-order harmonic distortion in ROF links utilizing dual-output MZM and balanced detection. , 2012, , .		0
131	Dynamically reconfigurable radio-over-fiber network with medium access control protocol to provide network access to train passengers. Science China Information Sciences, 2013, 56, 1-10.	4.3	0
132	Optical-frequency-comb-based broadband radio frequency channelization. , 2013, , .		0
133	Multi-band RF spectral compression and inversion using optical frequency comb. , 2013, , .		0
134	Dual-frequency indoor location scheme by combining WLAN and RFID in radio-over-fiber systems. , 2013, , .		0
135	Stable radio frequency delivery by fiber laser based error auto-correction. , 2013, , .		0
136	Linearization of intensity-modulated analog photonic link based on optical carrier processing. , 2013, , .		0
137	Multi-dimensional crest factor reduction for multi-band directly-modulated radio-over-fiber links. , 2014, , .		0
138	Linearity performance of optoelectronic frequency down-conversion by using dual-series polarization modulator. , 2014, , .		0
139	Actively mode-locked fiber laser with pulse intensity feed-forward. , 2014, , .		0
140	Multi-function time-frequency transmission system over optical fiber. , 2014, , .		0
141	Performance of commercial MIMO access point in distributed antenna system with different fiber lengths. , 2014, , .		0
142	Integration of optical and wireless networks [Guest editorial]. China Communications, 2014, 11, i-ii.	3.2	0
143	Generation of high-speed broadband optical frequency comb in actively mode-locked fiber laser based on stretch-lens effect. , 2014, , .		0
144	Remote monitoring and transmission links for centralized radio-over-fiber network management. , 2015, , .		0

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145	Elimination of cross-modulation distortion in a radio frequencyâ€“amplified intensity-modulation direct-detection analog photonic link. <i>Optical Engineering</i> , 2015, 55, 031103.	1.0	0
146	Applications of femtosecond lasers in microwave photonics. , 2015, , .		0
147	Bias drift free optoelectronic oscillator based on a Sagnac loop. , 2015, , .		0
148	Highly linear downconverting microwave photonic link based on digital post-processing. , 2015, , .		0
149	A low bias stabilization method for deeply-modulated analog photonic links. , 2015, , .		0
150	Improved radio-over-fiber-based distributed antenna system with antenna diversity for passive UHF RFID. , 2016, , .		0
151	Influence of third-order dispersion on the compressibility of output pulses from giant chirp oscillators. , 2016, , .		0
152	Compact photonic oscillator employing FP resonator based on travelling-waveguide-type EO modulator. , 2016, , .		0
153	Space-division-multiplexed transmission of IEEE 802.11 ac-compliant 3x3 WLAN signals over 200-m conventional graded-index multimode fiber. , 2016, , .		0
154	1-GHz, compact mode locked femtosecond all-polarization maintaining erbium-doped fiber oscillator. , 2017, , .		0
155	Feasibility demonstration of space-division-multiplexed transmission of IEEE 802.11n/ac-compliant MIMO signals over OM3 multimode fiber. , 2017, , .		0
156	All-fiber polarization maintaining erbium-doped fiber laser based on nonlinear amplifying loop mirror. , 2017, , .		0
157	Broadband and scalable RF switch matrix based on microwave photonics. , 2017, , .		0
158	Numerical study on microwave photonic mixers based on eletro-optical modulators. , 2017, , .		0
159	Experimental study on the stochastic characteristics of 3Ã—3 RF MIMO channel over two-mode fiber. , 2017, , .		0
160	835 MHz SESAM burnt-free mode locked femtosecond Er-doped fiber oscillator. , 2017, , .		0
161	Real-time fourier transformation based on photonic reservior. , 2017, , .		0
162	Integrating Baseband Digital Optical Link and Six-Port Transceiver for Wireless Communications. , 2018, , .		0

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163	Deeply-modulated IMDD link with stable low bias angle. , 2018, , .		0
164	Highly Stable Optical Vector Analysis Based on Pound-Drever-Hall Technique for Fabry-Perot Interferometers Measurement. , 2018, , .		0
165	Frequency Compensation Range Amplification for the Stabilized Optoelectronic Oscillator. , 2018, , .		0
166	Quantitative Analysis of Materials Based on Terahertz Spectroscopy. , 2019, , .		0
167	Dual-Stage Multiple Parameters Estimation for Low-Margin Elastic Optical Networks. IEEE Photonics Technology Letters, 2020, 32, 109-112.	2.5	0
168	Resonant Stimulated Photorefractive Scattering. Physical Review Letters, 2021, 127, 033902.	7.8	0
169	A Multi-Channel Tunable Periodic Narrowband Filter Chip Composed of Cascaded Silicon Nitride Microring Resonators. , 2021, , .		0
170	A Microwave Photonic Multiple Frequency System with Tunable Frequency Multiplication Factor of 3×10^4 . , 2021, , .		0
171	Robustness of Digital Spectrum-based Filter Failure Identification when Filter Tightening & Filter Shift Co-Exist. , 2020, , .		0
172	Fast optical vector analysis based on dual optical frequency comb and I/Q demodulation. , 2021, , .		0