

Yifei Li

List of Publications by Year in descending order

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28
papers

213
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1163117

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1058476

14
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28
all docs

28
docs citations

28
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent PM Optical Link Employing ACP-PPLL. Journal of Lightwave Technology, 2009, 27, 1086-1094.	4.6	46
2	High Linearity InP-Based Phase Modulators Using a Shallow Quantum-Well Design. IEEE Photonics Technology Letters, 2010, 22, 1340-1342.	2.5	25
3	A Monolithically Integrated ACP-OPLL Receiver for RF/Photonic Links. IEEE Photonics Technology Letters, 2011, 23, 1475-1477.	2.5	25
4	Wideband OPLL photonic integrated circuit enabling ultrahigh dynamic range PM RF/photonic link. Optica, 2019, 6, 1078.	9.3	15
5	RF Frequency Mixer Photonic Integrated Circuit. IEEE Photonics Technology Letters, 2016, 28, 1771-1773.	2.5	12
6	Novel Phase Modulator Linearity Measurement. IEEE Photonics Technology Letters, 2009, 21, 1405-1407.	2.5	10
7	Dual-Polarization Spatial-Hole-Burning-Free Microchip Laser. IEEE Photonics Technology Letters, 2009, 21, 1214-1216.	2.5	9
8	Efficient RF Frequency Down-Conversion Using Coupled Quantum-Well Optical Phase Modulator. IEEE Photonics Technology Letters, 2011, 23, 645-647.	2.5	9
9	Quadratic Electrooptic Effect for Frequency Down-Conversion. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 665-673.	4.6	8
10	RF/Photonic Link-on-Chip PIC. IEEE Photonics Technology Letters, 2012, 24, 1139-1141.	2.5	8
11	Noise Analysis for Coherent Phase-Modulated RF Fiber-Optic Link. Journal of Lightwave Technology, 2021, 39, 3072-3080.	4.6	7
12	Modified Sagnac Loop Coherent Phase Modulated RF Photonic Link With an ACP-OPLL. IEEE Photonics Technology Letters, 2017, 29, 1139-1142.	2.5	6
13	Stability, Noise, and Nonlinear Distortion Analysis of a Sampling OPLL. Journal of Lightwave Technology, 2018, 36, 2783-2790.	4.6	6
14	Design and Dynamics of Multiloop Optical Frequency Locked Loop. Journal of Lightwave Technology, 2013, 31, 3453-3459.	4.6	5
15	Monolithically Integrated Virtual Balanced ACP-OPLL for PM RF Photonic Links. Journal of Lightwave Technology, 2018, 36, 789-796.	4.6	5
16	ACP-OPLL Performance in Presence of Out-of-Band Interference. Journal of Lightwave Technology, 2014, 32, 2636-2642.	4.6	3
17	Nonlinear Phase Modulation Inside an MQW Optical Modulator. Journal of Lightwave Technology, 2016, 34, 3300-3305.	4.6	3
18	Highly Linear Optical Phase Modulation Inside a Mixed QW Modulator. IEEE Photonics Technology Letters, 2016, 28, 1759-1762.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Pulsed Sagnac Loop Phase-Modulated Microwave Photonic Link. IEEE Photonics Technology Letters, 2018, 30, 419-422.	2.5	3
20	Propagation Delay of Waveguide Photodetector. Journal of Lightwave Technology, 2010, 28, 2099-2104.	4.6	2
21	Quantum Well Mach-Zehnder Intensity Modulator With Enhanced Linearity for Direct Detection RF Photonic Link. Journal of Lightwave Technology, 2017, 35, 3785-3790.	4.6	2
22	NIR Emulation of Microwave Backscattering Measurement Using RF Photonics. Journal of Lightwave Technology, 2022, 40, 6650-6656.	4.6	1
23	Dynamics of the optical frequency locked loop using tunable Nd:YVO4 microchip lasers. , 2010, , .		0
24	Wide bandwidth source for high resolution ranging. , 2012, , .		0
25	Spatially Modulated Gain Erbium-Doped Ti:LiNbO ₃ Waveguide Laser. IEEE Photonics Technology Letters, 2014, 26, 1515-1517.	2.5	0
26	Coherent PM RF Photonic Link Achieving Record SFDR Performance. , 2019, , .		0
27	Sagnac Loop Phase-Modulated RF Photonic Link for Wideband High Dynamic Range Operation. , 2019, , .		0
28	OPLL PIC Facilitate Record Link SFDR Performance. , 2019, , .		0