

Nobuhide Yokota

List of Publications by Year in descending order

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21
papers

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21
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177
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonic superposition for tailored optical frequency comb generation by a Mach-Zehnder modulator. Optics Letters, 2016, 41, 1026.	3.3	34
2	Spin polarization modulation for high-speed vertical-cavity surface-emitting lasers. Applied Physics Letters, 2018, 113, .	3.3	31
3	Optical Negative Feedback for Linewidth Reduction of Semiconductor Lasers. IEEE Photonics Technology Letters, 2015, 27, 340-343.	2.5	20
4	Ultra-Wide-Bandwidth Optically Controlled DFB Laser With External Cavity. IEEE Journal of Quantum Electronics, 2016, 52, 1-7.	1.9	17
5	Lasing Polarization Characteristics in 1.55- μm Spin-Injected VCSELs. IEEE Photonics Technology Letters, 2017, 29, 711-714.	2.5	14
6	Experimental demonstration of linewidth reduction of laser diode by compact coherent optical negative feedback system. Applied Physics Express, 2014, 7, 122701.	2.4	13
7	Optical Nyquist pulse generation by using a dual-electrode Mach-Zehnder modulator. Optics Letters, 2017, 42, 1856.	3.3	13
8	Strategy of optical negative feedback for narrow linewidth semiconductor lasers. Optics Express, 2018, 26, 21159.	3.4	12
9	Directly modulated optical negative feedback lasers for long-range FMCW LiDAR. Optics Express, 2022, 30, 11693.	3.4	9
10	Nonlinearity of Semiconductor Mach-Zehnder Modulator for Flat Optical Frequency Comb. IEEE Photonics Technology Letters, 2015, 27, 2219-2221.	2.5	8
11	3-kHz Spectral Linewidth Laser Assembly With Coherent Optical Negative Feedback. IEEE Photonics Technology Letters, 2018, 30, 277-280.	2.5	8
12	Spin-Injected Birefringent VCSELs for Analog Radio-Over-Fiber Systems. IEEE Photonics Technology Letters, 2021, 33, 297-300.	2.5	8
13	Spin Laser Local Oscillators for Homodyne Detection in Coherent Optical Communications. Micromachines, 2021, 12, 573.	2.9	8
14	Compact narrow-linewidth optical negative feedback laser with Si optical filter. Applied Physics Express, 2018, 11, 112703.	2.4	6
15	Cascaded SSB comb generation using injection-locked seed lasers. Optics Letters, 2021, 46, 769.	3.3	6
16	Performance improvement of optical negative feedback laser by reducing feedback loop length. IEICE Electronics Express, 2020, 17, 20190750-20190750.	0.8	2
17	Stable and Narrow Linewidth Semiconductor Laser Assembly with Coherent Optical Negative Feedback. , 2017, , .		2
18	Numerical Investigation of Mutually Injection-Locked Semiconductor Lasers for Direct IQ-Signal Generation. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Role of modulation bandwidth in narrow spectral linewidth semiconductor lasers under optical negative feedback. Japanese Journal of Applied Physics, 2020, 59, 102001.	1.5	1
20	Multi-wavelength discrete pulse train generation using chromatic aberration of time lens for ultrafast single-shot optical imaging. Optical Review, 2019, 26, 713-718.	2.0	0
21	Spin polarization modulation of 1.55- μm VCSELs for high-speed data communications. , 2019, , .		0