

Tin Komljenovic

List of Publications by Year in descending order

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36
papers

2,243
citations

394421

19
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552781

26
g-index

36
all docs

36
docs citations

36
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	2022 Roadmap on integrated quantum photonics. JPhys Photonics, 2022, 4, 012501.	4.6	152
2	Chip-scale light sources in visible and near-infrared. , 2021, , .		0
3	Ring-Resonator Based Widely-Tunable Narrow-Linewidth Si/InP Integrated Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-14.	2.9	85
4	Heterogeneous silicon nitride photonics. Optica, 2020, 7, 336.	9.3	29
5	Heterogeneous silicon nitride photonics: erratum. Optica, 2020, 7, 425.	9.3	3
6	Heterogeneously Integrated InP/Silicon Photonics: Fabricating Fully Functional Transceivers. IEEE Nanotechnology Magazine, 2019, 13, 17-26.	1.3	150
7	Heterogeneous silicon photonics sensing for autonomous cars [Invited]. Optics Express, 2019, 27, 3642.	3.4	130
8	Beam steering with ultracompact and low-power silicon resonator phase shifters. Optics Express, 2019, 27, 34639.	3.4	12
9	High-power sub-kHz linewidth lasers fully integrated on silicon. Optica, 2019, 6, 745.	9.3	118
10	An optical-frequency synthesizer using integrated photonics. Nature, 2018, 557, 81-85.	27.8	550
11	Fully Integrated Photonic Millimeter-Wave Tracking Generators on the Heterogeneous III-V/Si Platform. IEEE Photonics Technology Letters, 2018, 30, 919-922.	2.5	4
12	Interferometric Optical Gyroscope Based on an Integrated Si3N4 Low-Loss Waveguide Coil. Journal of Lightwave Technology, 2018, 36, 1185-1191.	4.6	57
13	A 2.5 kHz Linewidth Widely Tunable Laser with Booster SOA Integrated on Silicon. , 2018, , .		2
14	Dense III-V/Si Phase Shifters for Optical Phased Arrays. , 2018, , .		1
15	Photonic Integrated Circuits Using Heterogeneous Integration on Silicon. Proceedings of the IEEE, 2018, 106, 2246-2257.	21.3	123
16	On-chip calibration and control of optical phased arrays. Optics Express, 2018, 26, 3199.	3.4	50
17	Characterization of a fully integrated heterogeneous silicon/III-V colliding pulse mode-locked laser with on-chip feedback. Optics Express, 2018, 26, 9714.	3.4	9
18	Ultra-Low-Loss Silicon Waveguides for Heterogeneously Integrated Silicon/III-V Photonics. Applied Sciences (Switzerland), 2018, 8, 1139.	2.5	82

#	ARTICLE	IF	CITATIONS
19	The first integrated optical driver chip for fiber optic gyroscopes. , 2017, , .		4
20	Effect of direct PRBS modulation on laser driven fiber optic gyroscope. , 2017, , .		2
21	Control of Widely Tunable Lasers With High-Q Resonator as an Integral Part of the Cavity. Journal of Lightwave Technology, 2017, 35, 3934-3939.	4.6	12
22	Stable Arbitrary Frequency Generator. Journal of Lightwave Technology, 2017, 35, 4897-4902.	4.6	1
23	Fully integrated microwave frequency synthesizer on heterogeneous silicon-III/V. Optics Express, 2017, 25, 2422.	3.4	45
24	Integrated optical driver for interferometric optical gyroscopes. Optics Express, 2017, 25, 3826.	3.4	48
25	Sparse aperiodic arrays for optical beam forming and LIDAR. Optics Express, 2017, 25, 2511.	3.4	117
26	Widely-Tunable Ring-Resonator Semiconductor Lasers. Applied Sciences (Switzerland), 2017, 7, 732.	2.5	32
27	Integrated photonics for MWP. , 2016, , .		2
28	Frequency modulated lasers for interferometric optical gyroscopes. Optics Letters, 2016, 41, 1773.	3.3	20
29	A Robust Method for Characterization of Optical Waveguides and Couplers. IEEE Photonics Technology Letters, 2016, 28, 1517-1520.	2.5	26
30	Heterogeneous Silicon Photonic Integrated Circuits. Journal of Lightwave Technology, 2016, 34, 20-35.	4.6	239
31	Frequency Modulate Laser Based Interferometric Optical Gyroscope. , 2016, , .		2
32	A robust method for characterization of optical waveguides and couplers. , 2016, , .		1
33	Fully integrated heterodyne microwave generation on heterogeneous silicon-III/V. , 2016, , .		5
34	A comparison of widely tunable, narrow linewidth ring cavity lasers on silicon substrates. , 2015, , .		0
35	Hybrid Silicon Colliding-Pulse Mode-Locked Lasers With On-Chip Stabilization. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 24-29.	2.9	18
36	Widely Tunable Narrow-Linewidth Monolithically Integrated External-Cavity Semiconductor Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 214-222.	2.9	112