

Leszek Frasunkiewicz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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citations

2257263

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1872312

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g-index

15
all docs

15
docs citations

15
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse Mode Mixing in a Coupled-Cavity VCSEL. Journal of Lightwave Technology, 2020, 38, 5774-5782.	2.7	1
2	Electrically tunable VCSEL with intra-cavity liquid crystal: Design, optimization, and analysis of polarization- and mode-stability. Optics Communications, 2018, 427, 271-277.	1.0	14
3	Simplicity VCSELS. , 2018, , .		2
4	Vertical-Cavity Surface-Emitting Lasers. , 2017, , 261-280.		0
5	Mixed transverse modes in coupled-cavity VCSELS. Proceedings of SPIE, 2016, , .	0.8	0
6	Polarization- and Modal-Control in a Vertical-Cavity Surface-Emitting Laser With an External-Cavity Formed by a Liquid Crystal Overlay. Journal of Lightwave Technology, 2016, 34, 5437-5443.	2.7	2
7	VCSEL modeling with self-consistent models: From simple approximations to comprehensive numerical analysis. , 2015, , .		3
8	Comparative analysis of GaAs- and GaSb-based active regions emitting in the mid-infrared wavelength range. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2015, 63, 597-603.	0.8	2
9	Optimization of electrically tunable VCSEL with intracavity nematic liquid crystal. Optics Express, 2015, 23, 15706.	1.7	11
10	Energy efficiency, bit rate, and modal properties of 980 nm VCSELS for very-short-reach optical interconnects. , 2014, , .		4
11	A Possibility to achieve emission in the mid-infrared wavelength range from semiconductor laser active regions. , 2014, , .		3
12	Coupled-cavity VCSELS: numerical analysis of physical phenomena. , 2014, , .		0
13	Continuous Wave Threshold Characteristics of Coupled-Cavity VCSELS: Experiment and Model. Journal of Lightwave Technology, 2013, 31, 3726-3734.	2.7	4
14	Optimization of Single-Mode Photonic-Crystal Results in Limited Improvement of Emitted Power and Unexpected Broad Range of Tuning. Journal of Lightwave Technology, 2013, 31, 1360-1366.	2.7	3
15	Why photonic-crystal VCSELS do not provide high power emission in the single-mode regime?. , 2013, , .		0