

Leszek Frasunkiewicz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

49
citations

2257263

3
h-index

1872312

6
g-index

15
all docs

15
docs citations

15
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Optimization of electrically tunable VCSEL with intracavity nematic liquid crystal. Optics Express, 2015, 23, 15706.	1.7	11
3	Continuous Wave Threshold Characteristics of Coupled-Cavity VCSELS: Experiment and Model. Journal of Lightwave Technology, 2013, 31, 3726-3734.	2.7	4
4	Energy efficiency, bit rate, and modal properties of 980 nm VCSELS for very-short-reach optical interconnects. , 2014, , .		4
5	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
6	A Possibility to achieve emission in the mid-infrared wavelength range from semiconductor laser active regions. , 2014, , .		3
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	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
10	Simplicity VCSELS. , 2018, , .		2
11	Transverse Mode Mixing in a Coupled-Cavity VCSEL. Journal of Lightwave Technology, 2020, 38, 5774-5782.	2.7	1
12	Why photonic-crystal VCSELS do not provide high power emission in the single-mode regime?. , 2013, , .		0
13	Coupled-cavity VCSELS: numerical analysis of physical phenomena. , 2014, , .		0
14	Mixed transverse modes in coupled-cavity VCSELS. Proceedings of SPIE, 2016, , .	0.8	0
15	Vertical-Cavity Surface-Emitting Lasers. , 2017, , 261-280.		0