

Leszek Frasunkiewicz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

49
citations

2258059

3
h-index

1872680

6
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. | 4.6 | 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. | 2.1 | 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. | 4.6 | 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. | 3.4 | 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. | 4.6 | 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. | 4.6 | 3 |
| 15 | Why photonic-crystal VCSELs do not provide high power emission in the single-mode regime?. , 2013, , . | | 0 |