

Nouman Zia

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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68
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#	ARTICLE	IF	CITATIONS
1	Hybrid silicon photonics DBR laser based on flip-chip integration of GaSb amplifiers and $\hat{\mu}$ m-scale SOI waveguides. Optics Express, 2022, 30, 24995.	3.4	11
2	GaSb diode lasers tunable around 2.6 $\hat{\mu}$ m using silicon photonics resonators or external diffractive gratings. Applied Physics Letters, 2020, 116, .	3.3	21
3	Precise length definition of active GaAs-based optoelectronic devices for low-loss silicon photonics integration. Optics Letters, 2020, 45, 943.	3.3	2
4	Design Strategies for Power Scaling of GaSb-Based Superluminescent Diodes for 2 $\hat{\mu}$ – 3 $\hat{\mu}$ m Wavelength Range. , 2019, , .		0
5	GaSb-Based 2.55 $\hat{\mu}$ m External Cavity Diode Lasers Employing Ruled Diffraction Gratings and External Silicon Photonics Vernier Reflectors. , 2019, , .		0
6	High power GaInNAs superluminescent diodes emitting over 400 mW in the 1.2 $\hat{\mu}$ m wavelength range. Applied Physics Letters, 2019, 115, .	3.3	5
7	High-power single mode GaSb-based 2 $\hat{\mu}$ m superluminescent diode with double-pass gain. Applied Physics Letters, 2019, 115, .	3.3	7
8	GaSb superluminescent diodes with broadband emission at 2.55 $\hat{\mu}$ m. Applied Physics Letters, 2018, 112, .	3.3	15
9	Integrated multi-wavelength mid-IR light source for gas sensing. , 2018, , .		4
10	Multi-wavelength mid-IR light source for gas sensing. Proceedings of SPIE, 2017, , .	0.8	6
11	Development of GaSb superluminescent LEDs for programmable light source for gas sensing. , 2017, , .		0
12	High power (60 mW) GaSb-based 1.9 $\hat{\mu}$ m superluminescent diode with cavity suppression element. Applied Physics Letters, 2016, 109, .	3.3	21