

Nouman Zia

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

92
citations

1684188

5
h-index

1588992

8
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12
all docs

12
docs citations

12
times ranked

68
citing authors

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