

Zhao Yan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

201
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Bufferless 1.5-µm III-V lasers grown on Si-photonics 220-nm silicon-on-insulator platforms. <i>Optica</i> , 2020, 7, 148.	9.3	53
2	A monolithic InP/SOI platform for integrated photonics. <i>Light: Science and Applications</i> , 2021, 10, 200.	16.6	47
3	High-performance III-V photodetectors on a monolithic InP/SOI platform. <i>Optica</i> , 2021, 8, 1204.	9.3	33
4	Selectively Grown III-V Lasers for Integrated Si-Photonics. <i>Journal of Lightwave Technology</i> , 2021, 39, 940-948.	4.6	25
5	Micrometer-scale InP selectively grown on SOI for fully integrated Si-photonics. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	20
6	InAs nano-ridges and thin films grown on (001) silicon substrates. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	9
7	Multi-heterojunction InAs/GaSb nano-ridges directly grown on (001) Si. <i>Nanotechnology</i> , 2020, 31, 345707.	2.6	8
8	III-V micro- and nano-lasers deposited on amorphous SiO ₂ . <i>Applied Physics Letters</i> , 2020, 116, .	3.3	5
9	40 G III-V photodetectors on a monolithic InP/SOI platform. , 2021, , .		1
10	Lasers on an InP/SOI platform with dislocation-free in-plane InP sub-micron bars and membranes. , 2021, , .		0
11	III-V Micro/Nano-lasers and photodetectors in the Telecom Band Grown on SOI. , 2022, , .		0