

Bahareh Marzban

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

430
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically Pumped GeSn Microdisk Lasers on Si. ACS Photonics, 2016, 3, 1279-1285.	6.6	195
2	GeSn/SiGeSn Heterostructure and Multi Quantum Well Lasers. ACS Photonics, 2018, 5, 4628-4636.	6.6	84
3	Monolithic infrared silicon photonics: The rise of (Si)GeSn semiconductors. Applied Physics Letters, 2021, 118, .	3.3	80
4	Edge Couplers With Relaxed Alignment Tolerance for Pick-and-Place Hybrid Integration of III-V Lasers With SOI Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 369-379.	2.9	41
5	Alignment Tolerant Couplers for Silicon Photonics. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 765-778.	2.9	17
6	Modeling of a SiGeSn quantum well laser. Photonics Research, 2021, 9, 1234.	7.0	7
7	Reduced threshold microdisk lasers from GeSn/SiGeSn heterostructures. , 2017, , .		2
8	High-efficiency gate-defined quantum dot to single mode fiber interface assisted by a photonic crystal cavity. AIP Advances, 2020, 10, 115016.	1.3	2
9	Design of a waveguide-coupled GeSn disk laser. , 2020, , .		1
10	Modeling and design of an electrically pumped SiGeSn microring laser. , 2022, , .		1