

Thach Pham

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

717
citations

1307594
7
h-index

1474206
9
g-index

14
all docs

14
docs citations

14
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	An optically pumped 2.5 μm GeSn laser on Si operating at 110 K. Applied Physics Letters, 2016, 109, .	6.6	186
2	Si-Based GeSn Lasers with Wavelength Coverage of 2–3 μm and Operating Temperatures up to 180 K. ACS Photonics, 2018, 5, 827-833.	6.6	148
3	Si-Based GeSn Photodetectors toward Mid-Infrared Imaging Applications. ACS Photonics, 2019, 6, 2807-2815.	6.6	124
4	Systematic study of Si-based GeSn photodiodes with 26 μm detector cutoff for short-wave infrared detection. Optics Express, 2016, 24, 4519.	3.4	109
5	Systematic study of GeSn heterostructure-based light-emitting diodes towards mid-infrared applications. Journal of Applied Physics, 2016, 120, .	2.5	58
6	High performance Ge _{0.89} Sn _{0.11} photodiodes for low-cost shortwave infrared imaging. Journal of Applied Physics, 2018, 124, .	2.5	57
7	Study of GeSn Mid-infrared Photodetectors for High Frequency Applications. Frontiers in Materials, 2019, 6, .	2.4	22
8	(Invited) Development of SiGeSn Technique Towards Mid-Infrared Devices in Silicon Photonics. ECS Transactions, 2016, 75, 231-239.	0.5	7
9	Silicon-based Ge _{0.89} Sn _{0.11} photodetector and light emitter towards mid-infrared applications. Proceedings of SPIE, 2017, , .	0.8	5
10	Development of SiGeSn Technique Towards Integrated Mid-Infrared Photonics Applications. , 2018, , .		1
11	Enhanced responsivity by integration of interdigitated electrodes on Ge _{0.93} Sn _{0.07} infrared photodetectors. , 2014, , .		0
12	GeSn-based light sources and photoconductors towards integrated photonics for the mid-infrared. , 2017, , .		0
13	Optically pumped Si-based edge-emitting GeSn laser. , 2017, , .		0
14	Investigation of Si-based Ge _{0.89} Sn _{0.11} Photoconductors with 3.0 μm photoresponse. , 2017, , .		0