

Thach Pham

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

717
citations

1307594
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1474206
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14
docs citations

14
times ranked

566
citing authors

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