

Jiadong Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4819746/publications.pdf>

Version: 2024-02-01

17
papers

248
citations

1307594

7
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-Q mid-infrared Tamm plasmon absorber using MgF2 and Ge aperiodic tandem films designed by the genetic algorithm. <i>AIP Advances</i> , 2022, 12, .	1.3	5
2	Simultaneous Kerr Comb and Efficient Second-Harmonic Generation in a LNOI Microring Resonator Through Dispersion Engineering. , 2021, , .		0
3	Antisymmetric-Nonlinear LNOI Waveguide for Highly Efficient Second-Harmonic Generation. , 2020, , .		0
4	Dark current in long-wave cascade-transport infrared up-converters. <i>Infrared Physics and Technology</i> , 2019, 96, 10-16.	2.9	1
5	Integrated High-Q Crystalline AlN Microresonators for Broadband Kerr and Raman Frequency Combs. <i>ACS Photonics</i> , 2018, 5, 1943-1950.	6.6	71
6	Effect of NH ₄ OH Treatment on Plasma-Assisted InP/Al ₂ O ₃ /SOI Direct Wafer Bonding. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700739.	1.8	1
7	Generation of multiple near-visible comb lines in an AlN microring via $\chi^{(2)}$ and $\chi^{(3)}$ optical nonlinearities. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	25
8	Influence of dislocation density on internal quantum efficiency of GaN-based semiconductors. <i>AIP Advances</i> , 2017, 7, 035321.	1.3	11
9	Improvement on performance of cascade infrared up-converter using metal grid electrodes. <i>Infrared Physics and Technology</i> , 2017, 83, 195-199.	2.9	2
10	Oxides formation on hydrophilic bonding interface in plasma-assisted InP/Al ₂ O ₃ /SOI direct wafer bonding. <i>AIP Advances</i> , 2017, 7, .	1.3	9
11	Aluminum nitride-on-sapphire platform for integrated high-Q microresonators. <i>Optics Express</i> , 2017, 25, 587.	3.4	48
12	A GaAs-based up-converter for mid-infrared detection utilizing quantum cascade transport. , 2017, , .		0
13	Study on efficiency droop in InGaN/GaN light-emitting diodes based on differential carrier lifetime analysis. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	40
14	An InP-Based Mid-Wave Infrared Up-Converter Utilizing Cascade Carrier Transportation. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1371-1374.	2.5	2
15	Semiconductor up-converter based on cascade carrier transport for infrared detection/imaging. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	11
16	Edge dislocation induced self-assembly of InGaN nano-flower on GaN by metal organic vapor phase epitaxy. <i>Journal of Applied Physics</i> , 2011, 110, 014311.	2.5	4
17	Study on Injection Efficiency in InGaN/GaN Multiple Quantum Wells Blue Light Emitting Diodes. <i>Applied Physics Express</i> , 0, 1, 021101.	2.4	17