

Peng Bai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9790824/publications.pdf>

Version: 2024-02-01

11
papers

92
citations

1684188
5
h-index

1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband THz to NIR up-converter for photon-type THz imaging. <i>Nature Communications</i> , 2019, 10, 3513.	12.8	28
2	Infrared single photon detector based on optical up-converter at 1550nm. <i>Scientific Reports</i> , 2017, 7, 15341.	3.3	14
3	Realization of the high-performance THz GaAs homojunction detector below the frequency of Reststrahlen band. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	13
4	Broadband and photovoltaic THz/IR response in the GaAs-based ratchet photodetector. <i>Science Advances</i> , 2022, 8, .	10.3	11
5	Cryogenic characteristics of GaAs-based near-infrared light emitting diodes. <i>Semiconductor Science and Technology</i> , 2020, 35, 035021.	2.0	7
6	Ultra-broadband THz/IR upconversion and photovoltaic response in semiconductor ratchet-based upconverter. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	6
7	Optical field simulation of edge coupled terahertz quantum well photodetectors. <i>AIP Advances</i> , 2018, 8, 035214.	1.3	5
8	Optical coupling enhancement of multi-color terahertz quantum well detector. <i>Journal of Applied Physics</i> , 2021, 130, 203102.	2.5	5
9	Optimization of the Cryogenic Light-Emitting Diodes for High-Performance Broadband Terahertz Upconversion Imaging. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	3
10	Quantum ratchet broadband THz detector. , 2021, , .		0
11	Optical pump assisted broadband terahertz frequency comb. <i>AIP Advances</i> , 2021, 11, 125101.	1.3	0