Lin Lei

List of Publications by Year
in descending order

20 papers	345 citations	687363 13 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	155 citing authors

#	Article	IF	Citations
1	Electrical gain in interband cascade infrared photodetectors. Journal of Applied Physics, 2018, 123, .	2.5	29
2	Minority carrier lifetime in mid-wavelength interband cascade infrared photodetectors. Applied Physics Letters, 2018, 112, .	3.3	16
3	Enhanced collection efficiencies and performance of interband cascade structures for narrow bandgap semiconductor thermophotovoltaic devices. Journal of Applied Physics, 2018, 124, .	2.5	17
4	Gain and resonant tunneling in interband cascade IR photodetectors. , 2018, , .		5
5	Long-wavelength interband cascade infrared photodetectors towards high temperature operation. Proceedings of SPIE, 2017, , .	0.8	6
6	Narrow-Bandgap Interband Cascade Thermophotovoltaic Cells. IEEE Journal of Photovoltaics, 2017, 7, 1462-1468.	2.5	20
7	Current-matching versus non-current-matching in long wavelength interband cascade infrared photodetectors. Journal of Applied Physics, 2017, 122, .	2.5	21
8	Resonant tunneling and multiple negative differential conductance features in long wavelength interband cascade infrared photodetectors. Applied Physics Letters, 2017, 111, .	3.3	15
9	Midwavelength interband cascade infrared photodetectors with superlattice absorbers and gain. Optical Engineering, 2017, 57, 1.	1.0	18
10	Short-wavelength interband cascade infrared photodetectors operating above room temperature. Journal of Applied Physics, 2016, 119, .	2.5	30
11	Long wavelength interband cascade infrared photodetectors operating at high temperatures. Journal of Applied Physics, 2016, 120, .	2.5	35
12	Recent developments in interband cascade infrared photodetectors. , 2016, , .		1
13	Mid-wave interband cascade infrared photodetectors based on GaInAsSb absorbers. Semiconductor Science and Technology, 2016, 31, 105014.	2.0	11
14	High-frequency operation of a mid-infrared interband cascade system at room temperature. Applied Physics Letters, 2016, 108, .	3.3	39
15	Molecular beam epitaxy of interband cascade structures with InAs/GaSb superlattice absorbers for long-wavelength infrared detection. Semiconductor Science and Technology, 2015, 30, 105029.	2.0	15
16	High-temperature operation of interband cascade infrared photodetectors with cutoff wavelengths near 8 â€‰ â€‰ Î¼ m. Optical Engineering, 2015, 54, 063103.	1.0	19
17	Interband cascade infrared photodetectors with long and very-long cutoff wavelengths. Infrared Physics and Technology, 2015, 70, 162-167.	2.9	32
18	Multistage interband cascade photovoltaic devices with a bandgap of 0.23ÂeV operating above room temperature. Science Bulletin, 2014, 59, 950-955.	1.7	7

#	Article	IF	Citations
19	Interband cascade infrared photodetectors with InAs/GaSb superlattice absorbers. Proceedings of SPIE, 2013, , .	0.8	6
20	Epitaxial growth of elemental Sb quantum wells. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2013, 31, .	1.2	3