Seungyong Jung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1154539/publications.pdf

Version: 2024-02-01

20 papers	544 citations	759233 12 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	692 citing authors

#	Article	IF	Citations
1	Homogeneous photonic integration of mid-infrared quantum cascade lasers with low-loss passive waveguides on an InP platform. Optica, 2019, 6, 1023.	9.3	28
2	Recent progress in terahertz difference-frequency quantum cascade laser sources. Nanophotonics, 2018, 7, 1795-1817.	6.0	67
3	Mid-infrared quantum cascade laser arrays with electrical switching of emission frequencies. AIP Advances, 2018, 8, .	1.3	4
4	Double-metal waveguide terahertz difference-frequency generation quantum cascade lasers with surface grating outcouplers. Applied Physics Letters, 2018, 113, 161102.	3.3	10
5	Spectral purity and tunability of terahertz quantum cascade laser sources based on intracavity difference-frequency generation. Science Advances, 2017, 3, e1603317.	10.3	33
6	Quantum cascade lasers transfer-printed on silicon-on-sapphire. Applied Physics Letters, 2017, 111, .	3.3	18
7	Terahertz difference-frequency quantum cascade laser sources on silicon. Optica, 2017, 4, 38.	9.3	25
8	Broadly tunable terahertz difference-frequency generation in quantum cascade lasers on silicon. Optical Engineering, 2017, 57, 1.	1.0	0
9	Plasmonic Metasurfaces: Tunable Graphene Metasurfaces with Gradient Features by Self-Assembly-Based MoirÃ© Nanosphere Lithography (Advanced Optical Materials 12/2016). Advanced Optical Materials, 2016, 4, 1904-1904.	7.3	0
10	Tunable Graphene Metasurfaces with Gradient Features by Selfâ€Assemblyâ€Based MoirÃ© Nanosphere Lithography. Advanced Optical Materials, 2016, 4, 2035-2043.	7.3	21
11	Spectroscopic Study of Terahertz Generation in Mid-Infrared Quantum Cascade Lasers. Scientific Reports, 2016, 6, 21169.	3.3	32
12	Thermopile detector of light ellipticity. Nature Communications, 2016, 7, 12994.	12.8	12
13	Recent Progress in Widely Tunable Single-Mode Room Temperature Terahertz Quantum Cascade Laser Sources. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 134-143.	2.9	11
14	Widely tunable terahertz source based on intra-cavity frequency mixing in quantum cascade laser arrays. Applied Physics Letters, 2015, 106, .	3.3	17
15	Terahertz generation in mid-infrared quantum cascade lasers with a dual-upper-state active region. Applied Physics Letters, 2015, 106, .	3.3	56
16	Metasurfaces: Ultrafast Electrically Tunable Polaritonic Metasurfaces (Advanced Optical Materials) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.3	1
17	Monolithic tunable terahertz quantum cascade laser source based on difference frequency generation. , 2014, , .		0
18	Ultrafast Electrically Tunable Polaritonic Metasurfaces. Advanced Optical Materials, 2014, 2, 1057-1063.	7.3	93

#	Article	IF	Citations
19	External cavity terahertz quantum cascade laser sources based on intra-cavity frequency mixing with 1.2â€“5.9 THz tuning range. Journal of Optics (United Kingdom), 2014, 16, 094002.	2.2	47
20	Broadly tunable monolithic room-temperature terahertz quantum cascade laser sources. Nature Communications, 2014, 5, 4267.	12.8	69