

Yifan Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,443
citations

933447

10
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	EnlightenGAN: Deep Light Enhancement Without Paired Supervision. IEEE Transactions on Image Processing, 2021, 30, 2340-2349.	9.8	811
2	Broadly tunable terahertz generation in mid-infrared quantum cascade lasers. Nature Communications, 2013, 4, 2021.	12.8	167
3	AutoGAN: Neural Architecture Search for Generative Adversarial Networks. , 2019, , .		150
4	Broadly tunable monolithic room-temperature terahertz quantum cascade laser sources. Nature Communications, 2014, 5, 4267.	12.8	69
5	Recent progress in terahertz difference-frequency quantum cascade laser sources. Nanophotonics, 2018, 7, 1795-1817.	6.0	67
6	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
7	Spectroscopic Study of Terahertz Generation in Mid-Infrared Quantum Cascade Lasers. Scientific Reports, 2016, 6, 21169.	3.3	32
8	SSH: A Self-Supervised Framework for Image Harmonization. , 2021, , .		26
9	Terahertz difference-frequency quantum cascade laser sources on silicon. Optica, 2017, 4, 38.	9.3	25
10	Widely tunable terahertz source based on intra-cavity frequency mixing in quantum cascade laser arrays. Applied Physics Letters, 2015, 106, .	3.3	17
11	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
12	Double-metal waveguide terahertz difference-frequency generation quantum cascade lasers with surface grating outcouplers. Applied Physics Letters, 2018, 113, 161102.	3.3	10
13	CERL: A Unified Optimization Framework for Light Enhancement With Realistic Noise. IEEE Transactions on Image Processing, 2022, 31, 4162-4172.	9.8	5
14	Mid-infrared quantum cascade laser arrays with electrical switching of emission frequencies. AIP Advances, 2018, 8, .	1.3	4
15	Narrow-linewidth ultra-broadband terahertz sources based on difference-frequency generation in mid-infrared quantum cascade lasers. , 2017, , .		2
16	Monolithic tunable terahertz quantum cascade laser source based on difference frequency generation. , 2014, , .		0
17	Terahertz difference frequency generation in quantum cascade lasers on silicon. , 2017, , .		0
18	Broadly tunable terahertz difference-frequency generation in quantum cascade lasers on silicon. Optical Engineering, 2017, 57, 1.	1.0	0