

# Matthew Singleton

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

328  
citations

1163117  
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1588992  
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g-index

16  
all docs

16  
docs citations

16  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of linear chirp in mid-infrared quantum cascade lasers. Optica, 2018, 5, 948.	9.3	110
2	Mid-infrared frequency comb from a ring quantum cascade laser. Optica, 2020, 7, 162.	9.3	60
3	Dissipative Kerr solitons in semiconductor ring lasers. Nature Photonics, 2022, 16, 142-147.	31.4	45
4	Femtosecond pulses from a mid-infrared quantum cascade laser. Nature Photonics, 2021, 15, 919-924.	31.4	42
5	Mid-infrared quantum cascade laser frequency combs with a microstrip-like line waveguide geometry. Applied Physics Letters, 2021, 118, .	3.3	24
6	Controlling Quantum Cascade Laser Optical Frequency Combs through Microwave Injection. Laser and Photonics Reviews, 2021, 15, 2100242.	8.7	23
7	Pulses from a mid-infrared quantum cascade laser frequency comb using an external compressor. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1676.	2.1	15
8	Coexisting frequency combs spaced by an octave in a monolithic quantum cascade laser. Optics Express, 2018, 26, 23167.	3.4	9
9	Phase measurement of a mid-IR QCL comb. , 2017, , .		0
10	Low-Loss RF Cavity for Quantum Cascade Laser Frequency Combs. , 2019, , .		0
11	Coherent Broadening and Tuning of QCL Frequency Combs via RF-Injection. , 2021, , .		0
12	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0
13	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0
14	Mid-infrared femtosecond pulses from a quantum cascade laser. , 2022, , .		0
15	Enhanced comb operation of Quantum Cascade Lasers with a microstrip-like geometry. , 2022, , .		0