

Pierre Jouy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

603
citations

840728

11
h-index

1125717

13
g-index

20
all docs

20
docs citations

20
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute frequency referencing in the long wave infrared using a quantum cascade laser frequency comb. Optics Express, 2022, 30, 12891.	3.4	11
2	Mid-infrared femtosecond pulses from a quantum cascade laser. , 2022, , .		0
3	Microsecond-Resolved Infrared Spectroscopy on Nonrepetitive Protein Reactions by Applying Caged Compounds and Quantum Cascade Laser Frequency Combs. Analytical Chemistry, 2021, 93, 6779-6783.	6.5	26
4	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0
5	Femtosecond pulses from a mid-infrared quantum cascade laser. Nature Photonics, 2021, 15, 919-924.	31.4	42
6	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0
7	High-resolution and gapless dual comb spectroscopy with current-tuned quantum cascade lasers. Optics Express, 2020, 28, 6197.	3.4	53
8	Frequency noise correlation between the offset frequency and the mode spacing in a mid-infrared quantum cascade laser frequency comb. Optics Express, 2020, 28, 8200.	3.4	10
9	High performance quantum cascade laser frequency combs at $\lambda \sim 6 \mu\text{m}$. , 2020, , .		0
10	Coupled Waveguides for Dispersion Compensation in Semiconductor Lasers. Laser and Photonics Reviews, 2018, 12, 1700323.	8.7	23
11	Tunable dispersion compensation of quantum cascade laser frequency combs. Optics Letters, 2018, 43, 1746.	3.3	29
12	Single-Shot Sub-microsecond Mid-infrared Spectroscopy on Protein Reactions with Quantum Cascade Laser Frequency Combs. Analytical Chemistry, 2018, 90, 10494-10500.	6.5	123
13	Evidence of linear chirp in mid-infrared quantum cascade lasers. Optica, 2018, 5, 948.	9.3	110
14	Mid-Infrared spectrometer featuring μs -second time resolution based on dual-comb quantum cascade laser frequency combs. , 2017, , .		4
15	Advanced Fabrication of Single-Mode and Multi-Wavelength MIR-QCLs. Photonics, 2016, 3, 26.	2.0	16
16	Dispersion engineering of quantum cascade laser frequency combs. Optica, 2016, 3, 252.	9.3	76
17	Simultaneous measurement of NO and NO ₂ by dual-wavelength quantum cascade laser spectroscopy. Optics Express, 2015, 23, 1512.	3.4	35
18	Surface emitting, single-mode quantum cascade laser array. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Mid-infrared spectroscopy for gases and liquids based on quantum cascade technologies. <i>Analyst</i> , The, 2014, 139, 2039-2046.	3.5	45