

Pierre Jouy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

603
citations

840728

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h-index

1125717

13
g-index

20
all docs

20
docs citations

20
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Shot Sub-microsecond Mid-infrared Spectroscopy on Protein Reactions with Quantum Cascade Laser Frequency Combs. <i>Analytical Chemistry</i> , 2018, 90, 10494-10500.	6.5	123
2	Evidence of linear chirp in mid-infrared quantum cascade lasers. <i>Optica</i> , 2018, 5, 948.	9.3	110
3	Dispersion engineering of quantum cascade laser frequency combs. <i>Optica</i> , 2016, 3, 252.	9.3	76
4	High-resolution and gapless dual comb spectroscopy with current-tuned quantum cascade lasers. <i>Optics Express</i> , 2020, 28, 6197.	3.4	53
5	Mid-infrared spectroscopy for gases and liquids based on quantum cascade technologies. <i>Analyst, The</i> , 2014, 139, 2039-2046.	3.5	45
6	Femtosecond pulses from a mid-infrared quantum cascade laser. <i>Nature Photonics</i> , 2021, 15, 919-924.	31.4	42
7	Simultaneous measurement of NO and NO ₂ by dual-wavelength quantum cascade laser spectroscopy. <i>Optics Express</i> , 2015, 23, 1512.	3.4	35
8	Tunable dispersion compensation of quantum cascade laser frequency combs. <i>Optics Letters</i> , 2018, 43, 1746.	3.3	29
9	Microsecond-Resolved Infrared Spectroscopy on Nonrepetitive Protein Reactions by Applying Caged Compounds and Quantum Cascade Laser Frequency Combs. <i>Analytical Chemistry</i> , 2021, 93, 6779-6783.	6.5	26
10	Coupled Waveguides for Dispersion Compensation in Semiconductor Lasers. <i>Laser and Photonics Reviews</i> , 2018, 12, 1700323.	8.7	23
11	Advanced Fabrication of Single-Mode and Multi-Wavelength MIR-QCLs. <i>Photonics</i> , 2016, 3, 26.	2.0	16
12	Absolute frequency referencing in the long wave infrared using a quantum cascade laser frequency comb. <i>Optics Express</i> , 2022, 30, 12891.	3.4	11
13	Frequency noise correlation between the offset frequency and the mode spacing in a mid-infrared quantum cascade laser frequency comb. <i>Optics Express</i> , 2020, 28, 8200.	3.4	10
14	Mid-Infrared spectrometer featuring μ -second time resolution based on dual-comb quantum cascade laser frequency combs. , 2017, , .		4
15	Surface emitting, single-mode quantum cascade laser array. , 2015, , .		0
16	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0
17	High performance quantum cascade laser frequency combs at $\lambda \sim 6 \mu\text{m}$. , 2020, , .		0
18	Femtosecond pulses from a mid-infrared quantum cascade laser. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Mid-infrared femtosecond pulses from a quantum cascade laser. , 2022, , .		0