

Christina Hofer

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

274
citations

1478505

6
h-index

1872680

6
g-index

19
all docs

19
docs citations

19
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced intrapulse difference frequency generation in the mid-infrared by a spectrally dependent polarization state. <i>Optics Letters</i> , 2022, 47, 261.	3.3	13
2	Single-cycle infrared waveform control. <i>Nature Photonics</i> , 2022, 16, 512-518.	31.4	23
3	Attosecond-Precision Dual-Oscillator Infrared Field-Resolved Spectroscopy Employing Electro-Optic Delay Tracking. , 2021, , .		4
4	Electro-Optic Sampling with Percent-Level Detection Efficiency. , 2021, , .		2
5	Field-resolved infrared spectroscopy of biological systems. <i>Nature</i> , 2020, 577, 52-59.	27.8	170
6	Optimum Sample Thickness for Trace Analyte Detection with Field-Resolved Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 7508-7514.	6.5	9
7	Field-resolved spectroscopy of aqueous biological samples. , 2020, , .		0
8	Generation of broadband THz transients via metallic spintronic emitters driven by 20-fs pulses at 1030 nm. , 2020, , .		0
9	Multi-octave spanning, Watt-level ultrafast mid-infrared source. <i>JPhys Photonics</i> , 2019, 1, 044006.	4.6	21
10	High-Power 50-MHz Source of Waveform-Stable, Multi-Octave Infrared Pulses. , 2019, , .		0
11	Field-Resolved Infrared Transmission Spectroscopy of Strongly Absorbing Samples. , 2019, , .		1
12	Train of Ultrashort Mid-Infrared Pulses with Sub-Mrad Carrier-Envelope Phase Stability. , 2019, , .		6
13	Quantum-Efficiency and Bandwidth Optimized Electro-Optic Sampling. , 2019, , .		5
14	Field-Resolved Infrared Spectroscopy of Biological Samples. , 2019, , .		1
15	Field-Resolved Infrared Spectroscopy of Human Blood to Tackle Lung, Prostate and Breast Cancer Detection. , 2019, , .		1
16	Broadband, Near Single-Cycle, Waveform-Stable Mid-Infrared Pulses Driven by a 2- μm Femtosecond Source. , 2019, , .		0
17	Coherent mid-infrared spectroscopy driven by 2- μm femtosecond lasers (Conference Presentation). , 2019, , .		0
18	Three-octave terahertz pulses from optical rectification of 20 fs, 1 μm , 78 MHz pulses in GaP. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 154002.	1.5	18

#	ARTICLE	IF	CITATIONS
19	HARMONIC FREQUENCY COMB COVERING THE MID-INFRARED MOLECULAR FINGERPRINT REGION. , 2018, , .		0