Christina Hofer

List of Publications by Year
in descending order

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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	Field-resolved infrared spectroscopy of biological systems. Nature, 2020, 577, 52-59.	27.8	170
2	Single-cycle infrared waveform control. Nature Photonics, 2022, 16, 512-518.	31.4	23
3	Multi-octave spanning, Watt-level ultrafast mid-infrared source. JPhys Photonics, 2019, 1, 044006.	4.6	21
4	Three-octave terahertz pulses from optical rectification of 20 fs, 1 <i>Î¼<i>m, 78 MHz pulses in GaP. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 154002.	1.5	18
5	Enhanced intrapulse difference frequency generation in the mid-infrared by a spectrally dependent polarization state. Optics Letters, 2022, 47, 261.	3.3	13
6	Optimum Sample Thickness for Trace Analyte Detection with Field-Resolved Infrared Spectroscopy. Analytical Chemistry, 2020, 92, 7508-7514.	6.5	9
7	Train of Ultrashort Mid-Infrared Pulses with Sub-Mrad Carrier-Envelope Phase Stability. , 2019, , .		6
8	Quantum-Efficiency and Bandwidth Optimized Electro-Optic Sampling. , 2019, , .		5
9	Attosecond-Precision Dual-Oscillator Infrared Field-Resolved Spectroscopy Employing Electro-Optic Delay Tracking. , 2021, , .		4
10	Electro-Optic Sampling with Percent-Level Detection Efficiency. , 2021, , .		2
11	Field-Resolved Infrared Transmission Spectroscopy of Strongly Absorbing Samples. , 2019, , .		1
12	Field-Resolved Infrared Spectroscopy of Biological Samples. , 2019, , .		1
13	Field-Resolved Infrared Spectroscopy of Human Blood to Tackle Lung, Prostate and Breast Cancer Detection. , 2019, , .		1
14	High-Power 50-MHz Source of Waveform-Stable, Multi-Octave Infrared Pulses. , 2019, , .		0
15	HARMONIC FREQUENCY COMB COVERING THE MID-INFRARED MOLECULAR FINGERPRINT REGION. , 2018, , .		0
16	Broadband, Near Single-Cycle, Waveform-Stable Mid-Infrared Pulses Driven by a 2-Âµm Femtosecond Source. , 2019, , .		0
17	Coherent mid-infrared spectroscopy driven by 2-Âµm femtosecond lasers (Conference Presentation). , 2019, , .		0
18	Field-resolved spectroscopy of aqueous biological samples. , 2020, , .		0

#	Article	IF	Citations
19	Generation of broadband THz transients via metallic spintronic emitters driven by 20-fs pulses at 1030 nm. , 2020, , .		0