

Roland E Mainz

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-cycle millijoule-level parametric waveform synthesizer for attosecond science. Nature Photonics, 2020, 14, 629-635.	31.4	73
2	Strong-field coherent control of isolated attosecond pulse generation. Nature Communications, 2021, 12, 6641.	12.8	24
3	CEP dependence of signal and idler upon pump-seed synchronization in optical parametric amplifiers. Optics Letters, 2018, 43, 178.	3.3	10
4	High-dynamic-range arrival time control for flexible, accurate and precise parametric sub-cycle waveform synthesis. Optics Express, 2017, 25, 3052.	3.4	7
5	Controlled HHG with a Sub-Cycle mJ-Level Parametric Waveform Synthesizer. , 2018, , .		2
6	Orthogonal control for stable parallel waveform synthesis. , 2017, , .		2
7	Half-cycle mJ-level CEP-stable Pulses from Parametric Waveform Synthesis. , 2018, , .		1
8	Generation of circularly polarized high-order harmonics in solids driven by single-color infrared pulses. , 2017, , .		1
9	Can sub-optical-cycle parametric waveform synthesizers be seeded by separate bulk white-light supercontinua?. , 2016, , .		1
10	Waveform Reproducibility from an OPA-based Parallel Synthesizer. , 2020, , .		1
11	Shot-to-shot and long-term CEP-stable front-end for a parallel optical waveform synthesizer. , 2017, , .		0
12	High Harmonic Cross-Correlation between two Channels of a Parametric Waveform Synthesizer. , 2019, , .		0
13	Spatial Characterization of Synthesized Infrared Sub-Cycle Pulses. , 2019, , .		0
14	Soft X-ray Attosecond Control via Parametric Waveform Synthesis. , 2021, , .		0
15	Two-octave-wide dispersive mirrors based on dual-adiabatic-matching structures. , 2016, , .		0
16	High-Dynamic-Range Relative Arrival Time Measurement for Accurate and Precise Parametric Waveform Synthesis. , 2017, , .		0
17	A robust two-color-field driven hollow-core fiber compressor. , 2018, , .		0
18	Two-color-field Driven Hollow-core Fiber Compressor with Robust Inline Scheme. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	A time-preserving ultra-narrow-bandwidth multilayer-mirror monochromator for extreme ultraviolet pulses. , 2018, , .		0
20	Three-octave-wide Phase-stable Seeding Scheme for Parallel Parametric Waveform Synthesizers. , 2018, , .		0
21	Relative-Phase Synchronization in a Sub-Cycle Parametric Waveform Synthesizer. , 2019, , .		0
22	Attosecond streaking of parametrically amplified and synthesized waveforms.. , 2020, , .		0