

Ming-Chang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,465
citations

759233

12
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

2595
citing authors

#	ARTICLE	IF	CITATIONS
1	High-order nonlinear dipole response characterized by extreme ultraviolet ellipsometry. <i>Optica</i> , 2021, 8, 484.	9.3	12
2	Supercontinuum spectral phase interferometry with isolated attosecond pulse. , 2020, , .		0
3	Spatially resolved spectral phase interferometry with an isolated attosecond pulse. <i>Optics Express</i> , 2020, 28, 21025.	3.4	5
4	Nonlinear Compression of Intense Optical Pulses at 1.55 μm by Multiple Plate Continuum Generation. <i>Journal of Lightwave Technology</i> , 2019, 37, 5100-5107.	4.6	5
5	Realization of Polarization Control in High-Order Harmonic Generation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-12.	2.9	6
6	Multiple Plate Continuum and Dispersion Compensation Driven by Optical Parametric Chirp Pulse Amplifier at 1.55 μm . , 2019, , .		0
7	Greater than 50 times compression of 1030 nm Yb:KGW laser pulses to single-cycle duration. <i>Optics Express</i> , 2019, 27, 15638.	3.4	74
8	Near- and Extended-Edge X-Ray-Absorption Fine-Structure Spectroscopy Using Ultrafast Coherent High-Order Harmonic Supercontinua. <i>Physical Review Letters</i> , 2018, 120, 093002.	7.8	121
9	Polarization control of isolated high-harmonic pulses. <i>Nature Photonics</i> , 2018, 12, 349-354.	31.4	136
10	Extension of water-window harmonic cutoff by laser defocusing-assisted phase matching. <i>Optics Letters</i> , 2018, 43, 4433.	3.3	26
11	Generation and characterization of isolated, circularly polarized, attosecond pulses. , 2017, , .		0
12	Generation of octave-spanning intense supercontinuum from Yb:Doped solid-state lasers in multiple thin plates. , 2017, , .		0
13	Extended phase matching of high harmonic generation by plasma-induced defocusing. <i>Optica</i> , 2017, 4, 976.	9.3	43
14	Non-invasive manipulation of <i>Drosophila</i> behavior by two-photon excited red-activatable channelrhodopsin. <i>Biomedical Optics Express</i> , 2015, 6, 4344.	2.9	10
15	Ultraviolet surprise: Efficient soft x-ray high-harmonic generation in multiply ionized plasmas. <i>Science</i> , 2015, 350, 1225-1231.	12.6	165
16	Strong-field ionization with two-color circularly polarized laser fields. <i>Physical Review A</i> , 2015, 91, .	2.5	124
17	Generation of intense supercontinuum in condensed media. <i>Optica</i> , 2014, 1, 400.	9.3	228
18	Generation of bright isolated attosecond soft X-ray pulses driven by multicycle midinfrared lasers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2361-7.	7.1	116

#	ARTICLE	IF	CITATIONS
19	Bright Coherent Ultrahigh Harmonics in the keV X-ray Regime from Mid-Infrared Femtosecond Lasers. Science, 2012, 336, 1287-1291.	12.6	1,537
20	The attosecond nonlinear optics of bright coherent X-ray generation. Nature Photonics, 2010, 4, 822-832.	31.4	523
21	Phase matching of high harmonic generation in the soft and hard X-ray regions of the spectrum. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10516-10521.	7.1	334