

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	Bright Coherent Ultrahigh Harmonics in the keV X-ray Regime from Mid-Infrared Femtosecond Lasers. Science, 2012, 336, 1287-1291.	12.6	1,537
2	The attosecond nonlinear optics of bright coherent X-ray generation. Nature Photonics, 2010, 4, 822-832.	31.4	523
3	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
4	Generation of intense supercontinuum in condensed media. Optica, 2014, 1, 400.	9.3	228
5	Ultraviolet surprise: Efficient soft x-ray high-harmonic generation in multiply ionized plasmas. Science, 2015, 350, 1225-1231.	12.6	165
6	Polarization control of isolated high-harmonic pulses. Nature Photonics, 2018, 12, 349-354.	31.4	136
7	Strong-field ionization with two-color circularly polarized laser fields. Physical Review A, 2015, 91, .	2.5	124
8	Near- and Extended-Edge X-Ray-Absorption Fine-Structure Spectroscopy Using Ultrafast Coherent High-Order Harmonic Supercontinua. Physical Review Letters, 2018, 120, 093002.	7.8	121
9	Generation of bright isolated attosecond soft X-ray pulses driven by multicycle midinfrared lasers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2361-7.	7.1	116
10	Greater than 50 times compression of 1030 nm Yb:KGW laser pulses to single-cycle duration. Optics Express, 2019, 27, 15638.	3.4	74
11	Extended phase matching of high harmonic generation by plasma-induced defocusing. Optica, 2017, 4, 976.	9.3	43
12	Extension of water-window harmonic cutoff by laser defocusing-assisted phase matching. Optics Letters, 2018, 43, 4433.	3.3	26
13	High-order nonlinear dipole response characterized by extreme ultraviolet ellipsometry. Optica, 2021, 8, 484.	9.3	12
14	Non-invasive manipulation of Drosophila behavior by two-photon excited red-activatable channelrhodopsin. Biomedical Optics Express, 2015, 6, 4344.	2.9	10
15	Realization of Polarization Control in High-Order Harmonic Generation. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.	2.9	6
16	Nonlinear Compression of Intense Optical Pulses at 1.55 μm by Multiple Plate Continuum Generation. Journal of Lightwave Technology, 2019, 37, 5100-5107.	4.6	5
17	Spatially resolved spectral phase interferometry with an isolated attosecond pulse. Optics Express, 2020, 28, 21025.	3.4	5
18	Generation and characterization of isolated, circularly polarized, attosecond pulses. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Generation of octave-spanning intense supercontinuum from Yb:Doped solid-state lasers in multiple thin plates. , 2017, , .		0
20	Multiple Plate Continuum and Dispersion Compensation Driven by Optical Parametric Chirp Pulse Amplifier at 1.55 μ m. , 2019, , .		0
21	Supercontinuum spectral phase interferometry with isolated attosecond pulse. , 2020, , .		0