

# Jennifer L Ellis

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,407  
citations

516710

16  
h-index

794594

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright, single helicity, high harmonics driven by mid-infrared bicircular laser fields. Optics Express, 2021, 29, 38119.	3.4	5
2	Controlling the polarization and vortex charge of attosecond high-harmonic beams via simultaneous spin-orbit momentum conservation. Nature Photonics, 2019, 13, 123-130.	31.4	120
3	Attosecond, High-Harmonic Optical Vortices with Tailored Spin and Orbital Angular Momentum. , 2019, , .		0
4	An Extreme Ultraviolet Spin Grating for Spatially Resolved, Hyperspectral Magnetic Dichroism Spectroscopies. , 2019, , .		0
5	Polarization control of isolated high-harmonic pulses. Nature Photonics, 2018, 12, 349-354.	31.4	136
6	High harmonics with spatially varying ellipticity. Optica, 2018, 5, 479.	9.3	38
7	Controlling the polarization and vortex charge of attosecond high-harmonic beams via simultaneous spin-orbit momentum conservation. Nature Photonics, 2018, 13, .	31.4	6
8	Observation of ionization enhancement in two-color circularly polarized laser fields. Physical Review A, 2017, 96, .	2.5	36
9	Helicity-Selective Enhancement and Polarization Control of Attosecond High Harmonic Waveforms Driven by Bichromatic Circularly Polarized Laser Fields. Physical Review Letters, 2017, 119, 063201.	7.8	102
10	Generation and characterization of isolated, circularly polarized, attosecond pulses. , 2017, , .		0
11	Phase matching of noncollinear sum and difference frequency high harmonic generation above and below the critical ionization level. Optics Express, 2017, 25, 10126.	3.4	17
12	Phase Matching of Noncollinear Sum and Difference Frequency High Harmonic Generation. , 2017, , .		0
13	Elliptically Polarized Attosecond Pulse Trains Produced via Circularly Polarized High Harmonic Generation. , 2017, , .		0
14	Controlling Nonsequential Double Ionization in Two-Color Circularly Polarized Femtosecond Laser Fields. Physical Review Letters, 2016, 117, 133201.	7.8	104
15	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. Physical Review A, 2016, 93, .	2.5	100
16	Materials Properties and Solvated Electron Dynamics of Isolated Nanoparticles and Nanodroplets Probed with Ultrafast Extreme Ultraviolet Beams. Journal of Physical Chemistry Letters, 2016, 7, 609-615.	4.6	23
17	Isolated, Circularly Polarized, Attosecond Pulse Generation. , 2016, , .		2
18	Bright circularly polarized soft X-ray high harmonics for X-ray magnetic circular dichroism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14206-14211.	7.1	235

#	ARTICLE	IF	CITATIONS
19	Solvents Effects on Charge Transfer from Quantum Dots. Journal of the American Chemical Society, 2015, 137, 3759-3762.	13.7	29
20	Strong-field ionization with two-color circularly polarized laser fields. Physical Review A, 2015, 91, .	2.5	124
21	Non-collinear generation of angularly isolated circularly polarized high harmonics. Nature Photonics, 2015, 9, 743-750.	31.4	216
22	Ultrafast electronic structures and dynamics of CdSe nanocrystals revealed by gas phase time-resolved photoelectron spectroscopy. , 2014, , .		0
23	Mapping Nanoscale Absorption of Femtosecond Laser Pulses Using Plasma Explosion Imaging. ACS Nano, 2014, 8, 8810-8818.	14.6	30
24	Observation and Control of Shock Waves in Individual Nanoplasmas. Physical Review Letters, 2014, 112, 115004.	7.8	43
25	Ultrafast Dynamics of Individual, Isolated Nanoparticles and Nanoplasmas in Intense Laser Fields. , 2014, , .		0
26	Photoelectron Spectroscopy of CdSe Nanocrystals in the Gas Phase: A Direct Measure of the Evanescent Electron Wave Function of Quantum Dots. Nano Letters, 2013, 13, 2924-2930.	9.1	40