

Jennifer L Ellis

List of Publications by Year in descending order

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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 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
2	Non-collinear generation of angularly isolated circularly polarized high harmonics. Nature Photonics, 2015, 9, 743-750.	31.4	216
3	Polarization control of isolated high-harmonic pulses. Nature Photonics, 2018, 12, 349-354.	31.4	136
4	Strong-field ionization with two-color circularly polarized laser fields. Physical Review A, 2015, 91, .	2.5	124
5	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
6	Controlling Nonsequential Double Ionization in Two-Color Circularly Polarized Femtosecond Laser Fields. Physical Review Letters, 2016, 117, 133201.	7.8	104
7	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
8	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. Physical Review A, 2016, 93, .	2.5	100
9	Observation and Control of Shock Waves in Individual Nanoplasmas. Physical Review Letters, 2014, 112, 115004.	7.8	43
10	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
11	High harmonics with spatially varying ellipticity. Optica, 2018, 5, 479.	9.3	38
12	Observation of ionization enhancement in two-color circularly polarized laser fields. Physical Review A, 2017, 96, .	2.5	36
13	Mapping Nanoscale Absorption of Femtosecond Laser Pulses Using Plasma Explosion Imaging. ACS Nano, 2014, 8, 8810-8818.	14.6	30
14	Solvents Effects on Charge Transfer from Quantum Dots. Journal of the American Chemical Society, 2015, 137, 3759-3762.	13.7	29
15	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
16	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
17	Controlling the polarization and vortex charge of attosecond high-harmonic beams via simultaneous spin-orbit momentum conservation. Nature Photonics, 2018, 13, .	31.4	6
18	Bright, single helicity, high harmonics driven by mid-infrared bicircular laser fields. Optics Express, 2021, 29, 38119.	3.4	5

#	ARTICLE	IF	CITATIONS
19	Isolated, Circularly Polarized, Attosecond Pulse Generation. , 2016, , .		2
20	Ultrafast electronic structures and dynamics of CdSe nanocrystals revealed by gas phase time-resolved photoelectron spectroscopy. , 2014, , .		0
21	Generation and characterization of isolated, circularly polarized, attosecond pulses. , 2017, , .		0
22	Ultrafast Dynamics of Individual, Isolated Nanoparticles and Nanoplasmas in Intense Laser Fields. , 2014, , .		0
23	Phase Matching of Noncollinear Sum and Difference Frequency High Harmonic Generation. , 2017, , .		0
24	Elliptically Polarized Attosecond Pulse Trains Produced via Circularly Polarized High Harmonic Generation. , 2017, , .		0
25	Attosecond, High-Harmonic Optical Vortices with Tailored Spin and Orbital Angular Momentum. , 2019, , .		0
26	An Extreme Ultraviolet Spin Grating for Spatially Resolved, Hyperspectral Magnetic Dichroism Spectroscopies. , 2019, , .		0