

Daniel E Rivas

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

361
citations

933447

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888059

17
g-index

24
all docs

24
docs citations

24
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Next Generation Driver for Attosecond and Laser-plasma Physics. Scientific Reports, 2017, 7, 5224.	3.3	84
2	X-ray multiphoton-induced Coulomb explosion images complex single molecules. Nature Physics, 2022, 18, 423-428.	16.7	48
3	Tabletop nonlinear optics in the 100-eV spectral region. Optica, 2018, 5, 237.	9.3	36
4	Photoelectron Diffraction Imaging of a Molecular Breakup Using an X-Ray Free-Electron Laser. Physical Review X, 2020, 10, .	8.9	31
5	Double Core-Hole Generation in O_2 Using an X-Ray Free-Electron Laser: Molecular-Frame Photoelectron Angular Distributions. Physical Review Letters, 2020, 125, 163201.	7.8	20
6	Photon-recoil imaging: Expanding the view of nonlinear x-ray physics. Science, 2020, 369, 1630-1633.	12.6	19
7	Propagation-enhanced generation of intense high-harmonic continua in the 100-eV spectral region. Optica, 2018, 5, 1283.	9.3	19
8	Mapping Resonance Structures in Transient Core-Ionized Atoms. Physical Review X, 2020, 10, .	8.9	17
9	Resonance-Enhanced Multiphoton Ionization in the X-Ray Regime. Physical Review Letters, 2021, 127, 213202.	7.8	11
10	High-temporal-resolution X-ray spectroscopy with free-electron and optical lasers. Optica, 2022, 9, 429.	9.3	11
11	Probing the Energy Conversion Pathways between Light, Carriers, and Lattice in Real Time with Attosecond Core-Level Spectroscopy. Physical Review X, 2021, 11, .	8.9	10
12	Inner-Shell-Ionization-Induced Femtosecond Structural Dynamics of Water Molecules Imaged at an X-Ray Free-Electron Laser. Physical Review X, 2021, 11, .	8.9	10
13	Fano resonances in waveguide arrays with saturable nonlinearity. Optics Letters, 2009, 34, 2721.	3.3	8
14	Timing and X-ray pulse characterization at the Small Quantum Systems instrument of the European X-ray Free Electron Laser. Optics Express, 2021, 29, 37429.	3.4	8
15	Electron bunch evolution in laser-wakefield acceleration. Physical Review Accelerators and Beams, 2020, 23, .	1.6	5
16	Resonance-enhanced x-ray multiple ionization of a polyatomic molecule. Physical Review A, 2022, 105, .	2.5	5
17	Generation and applications of sub-5-fs multi-10-TW light pulses. , 2013, , .		4
18	Generation of High-Energy Isolated Attosecond Pulses for XUV-pump/XUV-probe Experiments at 100 eV. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	High-resolution electron time-of-flight spectrometers for angle-resolved measurements at the SQS Instrument at the European XFEL. Journal of Synchrotron Radiation, 2022, 29, 755-764.	2.4	3
20	Sub-2-cycle laser-driven wakefield electron acceleration. , 2013, , .		2
21	Multi-10-TW sub-5-fs optical parametric synthesizer. , 2014, , .		2
22	Sub-5-fs multi-TW optical parametric synthesizer. , 2013, , .		1
23	Two-Color Pumped Sub-5-fs Multi-TW Optical Parametric Chirped Pulse Amplifier. , 2012, , .		0
24	Production of intense isolated attosecond pulses for nonlinear XUV-XUV pump-probe experiments with 100 eV photons. , 2014, , .		0