

Chii Dong Lin

List of Publications by Year in descending order

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461
papers

17,580
citations

20036

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27587

110
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473
all docs

473
docs citations

473
times ranked

3915
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of single-shot attosecond pulses with angular streaking photoelectron spectra. <i>Physical Review A</i> , 2022, 105, .	1.0	7
2	Genetic-algorithm retrieval of the molecular alignment distribution with high-order harmonics generated from transiently aligned CO_2 molecules. <i>Physical Review A</i> , 2022, 105, .	1.0	5
3	Molecular structure retrieval directly from laboratory-frame photoelectron spectra in laser-induced electron diffraction. <i>Nature Communications</i> , 2021, 12, 1520.	5.8	20
4	Anomalous ellipticity dependence of the generation of near-threshold harmonics in noble gases. <i>Physical Review A</i> , 2021, 103, .	1.0	6
5	Generation of isolated soft x-ray attosecond pulses with mid-infrared driving lasers via transient phase-matching gating. <i>New Journal of Physics</i> , 2021, 23, 073051.	1.2	9
6	Optimal generation and isolation of attosecond pulses in an overdriven ionized medium. <i>Optics Letters</i> , 2021, 46, 5137.	1.7	12
7	Extended quantitative rescattering model for simulating high-order harmonic streaking spectra by synchronization of an intense IR laser and a time-delayed attosecond XUV pulse. <i>Physical Review A</i> , 2021, 104, .	1.0	4
8	Laser-induced electron diffraction of the ultrafast umbrella motion in ammonia. <i>Structural Dynamics</i> , 2021, 8, 014301.	0.9	13
9	Two-dimensional retrieval methods for ultrafast imaging of molecular structure using laser-induced electron diffraction. <i>Journal of Chemical Physics</i> , 2021, 155, 164104.	1.2	5
10	Phase-matching analysis in high-order harmonic generation with nonzero orbital angular momentum Laguerre-Gaussian beams. <i>Physical Review A</i> , 2020, 102, .	1.0	15
11	Smooth periodic gauge satisfying crystal symmetry and periodicity to study high-harmonic generation in solids. <i>Physical Review B</i> , 2020, 102, .	1.1	31
12	Robust control of the minima of high-order harmonics by fine-tuning the alignment of CO_2 molecules for shaping attosecond pulses and probing molecular alignment. <i>Physical Review A</i> , 2020, 102, .	1.0	12
13	Optimal Spatial Separation of High-Order Harmonics from Infrared Driving Lasers with an Annular Beam in the Overdriven Regime. <i>Physical Review Applied</i> , 2020, 14, .	1.5	7
14	Separability of H ₂ O molecular potential surfaces in hyperspherical coordinates via adiabatic approximation. <i>Physical Review A</i> , 2020, 102, .	1.0	0
15	Metrology of Time-Domain Soft X-Ray Attosecond Pulses and Reevaluation of Pulse Durations of Three Recent Experiments. <i>Physical Review Applied</i> , 2020, 13, .	1.5	33
16	Retrieval of full angular- and energy-dependent complex transition dipoles in the molecular frame from laser-induced high-order harmonic signals with aligned molecules. <i>Physical Review A</i> , 2020, 101, .	1.0	12
17	Shaping attosecond pulses by controlling the minima in high-order harmonic generation through alignment of CO_2 molecules. <i>Physical Review A</i> , 2020, 101, .	1.0	15
18	Analysis of THz generation by multicolor laser pulses with various frequency ratios. <i>Physical Review A</i> , 2020, 101, .	1.0	7

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19	Investigation of isolated attosecond pulse reconstruction from angular integrated photoelectron streaking spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 154002.	0.6	5
20	Imaging an isolated water molecule using a single electron wave packet. <i>Journal of Chemical Physics</i> , 2019, 151, 024306.	1.2	16
21	Crystal symmetry and polarization of high-order harmonics in ZnO. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 225601.	0.6	49
22	Method for spectral phase retrieval of single attosecond pulses utilizing the autocorrelation of photoelectron streaking spectra. <i>Physical Review A</i> , 2019, 99, .	1.0	16
23	Pulse-duration dependence of the double-to-single ionization ratio of Ne by intense 780-nm and 800-nm laser fields: Comparison of simulations with experiments. <i>Physical Review A</i> , 2019, 99, .	1.0	12
24	Imaging the Rennerâ€Teller effect using laser-induced electron diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8173-8177.	3.3	41
25	Symmetry and Polarization of High-Order Harmonic Generation from Solids. , 2019, , .		0
26	Following coherent multichannel nuclear wave packets in pump-probe studies of O2 with ultrashort laser pulses. <i>Physical Review A</i> , 2018, 97, .	1.0	10
27	Ratios of double to single ionization of He and Ne by strong 400-nm laser pulses using the quantitative rescattering theory. <i>Physical Review A</i> , 2018, 97, .	1.0	17
28	Elements of the quantitative rescattering theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 104001.	0.6	41
29	Reconstruction of the complex angle-dependent photoionization transition dipole from a laser-dressed streaking experiment. <i>Physical Review A</i> , 2018, 98, .	1.0	8
30	Real-Time Observation of Molecular Spinning with Angular High-Harmonic Spectroscopy. <i>Physical Review Letters</i> , 2018, 121, 163201.	2.9	60
31	Extension of water-window harmonic cutoff by laser defocusing-assisted phase matching. <i>Optics Letters</i> , 2018, 43, 4433.	1.7	26
32	Control of soft X-ray high harmonic spectrum by using two-color laser pulses. <i>Photonics Research</i> , 2018, 6, 434.	3.4	14
33	Enhanced high-harmonic generation up to the soft X-ray region driven by mid-infrared pulses mixed with their third harmonic. <i>Optics Express</i> , 2018, 26, 16955.	1.7	24
34	Role of the Transition Dipole Amplitude and Phase on the Generation of Odd and Even High-Order Harmonics in Crystals. <i>Physical Review Letters</i> , 2018, 120, 253201.	2.9	167
35	Retrieval of target structure information from laser-induced photoelectrons by few-cycle bicircular laser fields. <i>Physical Review A</i> , 2017, 95, .	1.0	27
36	Analysis of THz generation through the asymmetry of photoelectron angular distributions. <i>Physical Review A</i> , 2017, 95, .	1.0	6

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37	The possibility for calibrating laser intensity in strong-field-ionization experiments. Journal of Physics: Conference Series, 2017, 875, 032008.	0.3	0
38	A new method for accurate retrieval of atomic dipole phase or photoionization group delay in attosecond photoelectron streaking experiments. Journal of Optics (United Kingdom), 2017, 19, 114009.	1.0	9
39	Theory of retrieving orientation-resolved molecular information using time-domain rotational coherence spectroscopy. Physical Review A, 2017, 96, .	1.0	15
40	Macroscopic scaling of high-order harmonics generated by two-color optimized waveforms in a hollow waveguide. Physical Review A, 2017, 96, .	1.0	4
41	Phase-retrieval algorithm for the characterization of broadband single attosecond pulses. Physical Review A, 2017, 95, .	1.0	41
42	Effect of transition dipole phase on high-order-harmonic generation in solid materials. Physical Review A, 2017, 96, .	1.0	92
43	Retrieval of parameters of few-cycle laser pulses from high-energy photoelectron spectra of atoms by a genetic algorithm. Physical Review A, 2017, 95, .	1.0	2
44	Extended phase matching of high harmonic generation by plasma-induced defocusing. Optica, 2017, 4, 976.	4.8	43
45	Enhanced soft X-ray high-harmonic generation driven by two-color (1 μ m+3 μ m) mid-IR laser pulses. , 2017, , .		0
46	A strong-field-ionization-enabled temporal gate for resolving ultrafast dynamics. , 2017, , .		0
47	Extended phase matching of high harmonic generation driven by truncated beams in tight focusing geometry. , 2016, , .		1
48	Unraveling nonadiabatic ionization and Coulomb potential effect in strong-field photoelectron holography. Scientific Reports, 2016, 6, 28392.	1.6	45
49	Retrieving transient conformational molecular structure information from inner-shell photoionization of laser-aligned molecules. Scientific Reports, 2016, 6, 23655.	1.6	9
50	Optimal generation of spatially coherent soft X-ray isolated attosecond pulses in a gas-filled waveguide using two-color synthesized laser pulses. Scientific Reports, 2016, 6, 38165.	1.6	12
51	Extracting conformational structure information of benzene molecules via laser-induced electron diffraction. Structural Dynamics, 2016, 3, 034303.	0.9	38
52	Observation of autoionization dynamics and sub-cycle quantum beating in electronic molecular wave packets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 065102.	0.6	36
53	Spatially coherent high-order harmonics generated at optimal high gas pressure with high-intensity one- or two-color laser pulses. Physical Review A, 2016, 94, .	1.0	13
54	Influence of orbital symmetry on diffraction imaging with rescattering electron wave packets. Nature Communications, 2016, 7, 11922.	5.8	46

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55	Optimization of multi-color laser waveform for high-order harmonic generation. Chinese Physics B, 2016, 25, 094213.	0.7	31
56	Analytical model for calibrating laser intensity in strong-field-ionization experiments. Physical Review A, 2016, 93, .	1.0	30
57	Critical evaluation of attosecond time delays retrieved from photoelectron streaking measurements. Physical Review A, 2016, 93, .	1.0	22
58	Probing and extracting the structure of vibrating $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{SF} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ with inner-shell photoelectrons. Physical Review A, 2016, 93, .	1.0	22
59	Observing the ultrafast buildup of a Fano resonance in the time domain. Science, 2016, 354, 738-741.	6.0	131
60	Ultrafast electron diffraction imaging of bond breaking in di-ionized acetylene. Science, 2016, 354, 308-312.	6.0	243
61	Strong-field approximation and its extension for high-order harmonic generation with mid-infrared lasers. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 053001.	0.6	45
62	Numerical simulation of the double-to-single ionization ratio for the helium atom in strong laser fields. Physical Review A, 2015, 92, .	1.0	20
63	Generation of Bright, Spatially Coherent Soft X-Ray High Harmonics in a Hollow Waveguide Using Two-Color Synthesized Laser Pulses. Physical Review Letters, 2015, 115, 043901.	2.9	31
64	Reconstruction of two-dimensional molecular structure with laser-induced electron diffraction from laser-aligned polyatomic molecules. Scientific Reports, 2015, 5, 15753.	1.6	12
65	Molecular structure from aligned polyatomic molecules using laser-induced electron diffraction. , 2015, , .		0
66	Probing Orbital Symmetry of Molecules Via Alignment-Dependent Ionization Probability and High-Order Harmonic Generation by Intense Lasers. , 2015, , 157-183.		0
67	Benchmarking accurate spectral phase retrieval of single attosecond pulses. Physical Review A, 2015, 91, .	1.0	4
68	Imaging an aligned polyatomic molecule with laser-induced electron diffraction. Nature Communications, 2015, 6, 7262.	5.8	173
69	Optimal generation of high harmonics in the water-window region by synthesizing 800-nm and mid-infrared laser pulses. Optics Letters, 2015, 40, 3754.	1.7	11
70	Rydberg states in the strong field ionization of hydrogen by 800, 1200 and 1600 nm lasers. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 204019.	0.6	22
71	Optimized waveforms for enhancing high-harmonic yield by synthesizing multi-color laser fields. , 2014, , .		0
72	Fine structures in the intensity dependence of excitation and ionization probabilities of hydrogen atoms in intense 800-nm laser pulses. Physical Review A, 2014, 89, .	1.0	58

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73	Universality of Returning Electron Wave Packet in High-Order Harmonic Generation with Midinfrared Laser Pulses. <i>Physical Review Letters</i> , 2014, 113, 033001.	2.9	30
74	Probing dipole-forbidden autoionizing states by isolated attosecond pulses. <i>Physical Review A</i> , 2014, 89, .	1.0	5
75	Diffraction using laser-driven broadband electron wave packets. <i>Nature Communications</i> , 2014, 5, 4635.	5.8	68
76	Coherent control of high-harmonic generation using waveform-synthesized chirped laser fields. <i>Physical Review A</i> , 2014, 90, .	1.0	40
77	Waveforms for optimal sub-keV high-order harmonics with synthesized two- or three-colour laser fields. <i>Nature Communications</i> , 2014, 5, 4003.	5.8	154
78	Evidence of decrease of potential energy in nonsequential double ionization above threshold for electron impact excitation. <i>Journal of Physics: Conference Series</i> , 2014, 488, 032042.	0.3	0
79	Route to optimal generation of soft X-ray high harmonics with synthesized two-color laser pulses. <i>Scientific Reports</i> , 2014, 4, 7067.	1.6	33
80	High-order-harmonic generation from molecular isomers with midinfrared intense laser pulses. <i>Physical Review A</i> , 2013, 88, .	1.0	10
81	Photoelectron spectra and high Rydberg states of lithium generated by intense lasers in the over-the-barrier ionization regime. <i>Physical Review A</i> , 2013, 87, .	1.0	31
82	Theory of high-order harmonic generation from vibrating polyatomic molecules. , 2013, , .		0
83	Controlling Atomic Line Shapes. <i>Science</i> , 2013, 340, 694-695.	6.0	17
84	Quantitative rescattering theory of high-order harmonic generation for polyatomic molecules. <i>Physical Review A</i> , 2013, 87, .	1.0	33
85	Absorption and emission of single attosecond light pulses in an autoionizing gaseous medium dressed by a time-delayed control field. <i>Physical Review A</i> , 2013, 87, .	1.0	34
86	High Harmonic Spectroscopy of the Cooper Minimum in Molecules. <i>Physical Review Letters</i> , 2013, 110, 033006.	2.9	61
87	Generation of broad XUV continuous high harmonic spectra and isolated attosecond pulses with intense mid-infrared lasers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 011001.	0.6	22
88	Spectral splitting and quantum path study of high-harmonic generation from a semi-infinite gas cell. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 074013.	0.6	14
89	Laser-Induced Electron Diffraction for Probing Rare Gas Atoms. <i>Physical Review Letters</i> , 2012, 109, 233002.	2.9	41
90	Conditions for extracting photoionization cross sections from laser-induced high-order-harmonic spectra. <i>Physical Review A</i> , 2012, 86, .	1.0	10

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91	Comparison of high-order harmonic generation of Ar using truncated Bessel and Gaussian beams. Physical Review A, 2012, 85, .	1.0	22
92	Photoabsorption of attosecond XUV light pulses by two strongly laser-coupled autoionizing states. Physical Review A, 2012, 85, .	1.0	33
93	Resonant enhancement of a single attosecond pulse in a gas medium by a time-delayed control field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 201002.	0.6	8
94	Imaging ultrafast molecular dynamics with laser-induced electron diffraction. Nature, 2012, 483, 194-197.	13.7	519
95	Theory of High Harmonic Generation for Probing Time-Resolved Large-Amplitude Molecular Vibrations with Ultrashort Intense Lasers. Physical Review Letters, 2012, 109, 203004.	2.9	28
96	Intensity dependence of multiple orbital contributions and shape resonance in high-order harmonic generation of aligned N ₂ molecules. Physical Review A, 2012, 85, .	1.0	62
97	Probing molecular frame photoelectron angular distributions via high-order harmonic generation from aligned molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 194010.	0.6	1
98	Imaging ultrafast dynamics of molecules with laser-induced electron diffraction. Physical Chemistry Chemical Physics, 2012, 14, 13133.	1.3	5
99	High-order-harmonic generation using gas-phase H ₂ O molecules. Physical Review A, 2011, 83, .	1.0	17
100	Calibration of distorted wave Born approximation for electron impact excitation of Ne and Ar at incident energies below 100 eV. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 085201.	0.6	6
101	Effect of orbital symmetry on the orientation dependence of strong field tunnelling ionization of nonlinear polyatomic molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 035601.	0.6	43
102	Elastic scattering and impact ionization by returning electrons induced in a strong laser field. Journal of Physics: Conference Series, 2011, 288, 012017.	0.3	0
103	Separation of target structure and medium propagation effects in high-harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 095601.	0.6	33
104	Influence of gas pressure on high-order-harmonic generation of Ar and Ne. Physical Review A, 2011, 84, .	1.0	23
105	Generation of isolated attosecond pulses in the far field by spatial filtering with an intense few-cycle mid-infrared laser. Physical Review A, 2011, 84, .	1.0	45
106	Laser-assisted-autoionization dynamics of helium resonances with single attosecond pulses. Physical Review A, 2011, 84, .	1.0	33
107	Strong-field nonsequential double ionization of Ar and Ne. Physical Review A, 2011, 84, .	1.0	29
108	Analysis of effects of macroscopic propagation and multiple molecular orbitals on the minimum in high-order harmonic generation of aligned CO ₂ molecules. Physical Review A, 2011, 83, .	1.0	33

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109	Medium propagation effects in high-order harmonic generation of Ar and N_2 . Physical Review A, 2011, 83, .	1.0	108
110	Momentum spectra of electrons rescattered from rare-gas targets following their extraction by one- and two-color femtosecond laser pulses. Physical Review A, 2011, 83, .	1.0	37
111	Polarisation states of high harmonic generation from aligned molecules. Journal of Modern Optics, 2011, 58, 1158-1165.	0.6	8
112	Theory of probing attosecond electron wave packets via two-path interference of angle-resolved photoelectrons. Physical Review A, 2010, 82, .	1.0	24
113	Strong-field rescattering physics—self-imaging of a molecule by its own electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 122001.	0.6	234
114	Determination of structure parameters in strong-field tunneling ionization theory of molecules. Physical Review A, 2010, 81, .	1.0	118
115	Quantitative rescattering theory of correlated two-electron momentum spectra for strong-field nonsequential double ionization of helium. Physical Review A, 2010, 82, .	1.0	23
116	Imaging a chemical reaction. Nature Photonics, 2010, 4, 671-672.	15.6	4
117	Effect of an improved molecular potential on strong-field tunneling ionization of molecules. Physical Review A, 2010, 82, .	1.0	18
118	Polarization and ellipticity of high-order harmonics from aligned molecules generated by linearly polarized intense laser pulses. Physical Review A, 2010, 82, .	1.0	45
119	Theoretical study of photoelectron angular distributions in single-photon ionization of aligned N_2 and CO . Physical Review A, 2010, 82, .	1.0	26
120	Quantum Theory of Recollisional (CO) Tunnelling Ionization. Physical Review Letters, 2010, 104, 253201.	2.9	62
121	Nonsequential Double Ionization of Helium. Physical Review Letters, 2010, 104, 253201. Self-imaging of molecules from diffraction spectra by laser-induced rescattering electrons. Physical Review A, 2010, 82, .	1.0	62
122	Theory of ultrafast autoionization dynamics of Fano resonances. Physical Review A, 2010, 82, .	1.0	43
123	Accurate Retrieval of Target Structures and Laser Parameters of Few-Cycle Pulses from Photoelectron Momentum Spectra. Physical Review Letters, 2009, 102, 073001.	2.9	54
124	Retrieval of target photorecombination cross sections from high-order harmonics generated in a macroscopic medium. Physical Review A, 2009, 79, .	1.0	73
125	Analysis of angular dependence of strong-field tunneling ionization for CO_2 . Physical Review A, 2009, 80, .	1.0	51
126	Probing Molecular Frame Photoionization via Laser Generated High-Order Harmonics from Aligned Molecules. Physical Review Letters, 2009, 102, 203001.	2.9	66

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127	Quantitative rescattering theory for nonsequential double ionization of atoms by intense laser pulses. <i>Physical Review A</i> , 2009, 79, .	1.0	33
128	Complete real-time temporal waveform characterization of single-shot few-cycle laser pulses. <i>Physical Review A</i> , 2009, 80, .	1.0	23
129	Retrieval of experimental differential electron-ion elastic scattering cross sections from high-energy ATI spectra of rare gas atoms by infrared lasers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 105205.	0.6	20
130	Robust carrier-envelope phase retrieval of few-cycle laser pulses from high-energy photoelectron spectra in the above-threshold ionization of atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 065402.	0.6	12
131	Uncovering multiple orbitals influence in high harmonic generation from aligned N_2 . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 211001.	0.6	54
132	Quantitative rescattering theory for laser-induced high-energy plateau photoelectron spectra. <i>Physical Review A</i> , 2009, 79, .	1.0	143
133	Genetic-algorithm implementation of atomic potential reconstruction from differential electron scattering cross sections. <i>Physical Review A</i> , 2009, 79, .	1.0	18
134	Quantitative rescattering theory for high-order harmonic generation from molecules. <i>Physical Review A</i> , 2009, 80, .	1.0	315
135	High-resolution spatial and temporal microscopy with intense-laser-induced rescattering electrons. <i>Journal of Physics: Conference Series</i> , 2009, 194, 012011.	0.3	12
136	Origin of species dependence of high-energy plateau photoelectron spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 061001.	0.6	28
137	Extraction of the species-dependent dipole amplitude and phase from high-order harmonic spectra in rare-gas atoms. <i>Physical Review A</i> , 2008, 78, .	1.0	92
138	Theory of high-order harmonic generation from molecules by intense laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 081002.	0.6	51
139	Potential for ultrafast dynamic chemical imaging with few-cycle infrared lasers. <i>New Journal of Physics</i> , 2008, 10, 025011.	1.2	33
140	Retrieval of interatomic separations of molecules from laser-induced high-order harmonic spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 085603.	0.6	21
141	Retrieval of electron-atom scattering cross sections from laser-induced electron rescattering of atomic negative ions in intense laser fields. <i>Physical Review A</i> , 2008, 77, .	1.0	36
142	Signature of Ericson fluctuations in helium inelastic scattering cross sections near the double ionization threshold. <i>Physical Review A</i> , 2008, 78, .	1.0	9
143	Accurate Retrieval of Structural Information from Laser-Induced Photoelectron and High-Order Harmonic Spectra by Few-Cycle Laser Pulses. <i>Physical Review Letters</i> , 2008, 100, 013903.	2.9	371
144	Large-Angle Electron Diffraction Structure in Laser-Induced Rescattering from Rare Gases. <i>Physical Review Letters</i> , 2008, 100, 143002.	2.9	111

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145	Experimental Retrieval of Target Structure Information from Laser-Induced Rescattered Photoelectron Momentum Distributions. <i>Physical Review Letters</i> , 2008, 100, 143001.	2.9	133
146	Attosecond Light Pulses for Probing Two-Electron Dynamics of Helium in the Time Domain. <i>Physical Review Letters</i> , 2007, 98, 083003.	2.9	61
147	Analysis of two-dimensional high-energy photoelectron momentum distributions in the single ionization of atoms by intense laser pulses. <i>Physical Review A</i> , 2007, 76, .	1.0	62
148	Dynamics of Light-Field Control of Molecular Dissociation at the Few-Cycle Limit. <i>Physical Review Letters</i> , 2007, 98, 123002.	2.9	82
149	Two-dimensional electron momentum spectra of argon ionized by short intense lasers: Comparison of theory with experiment. <i>Physical Review A</i> , 2007, 75, .	1.0	113
150	Theoretical analysis of dynamic chemical imaging with lasers using high-order harmonic generation. <i>Physical Review A</i> , 2007, 76, .	1.0	80
151	Alignment dependence of high-order harmonic generation from CO ₂ . <i>Journal of Modern Optics</i> , 2007, 54, 967-980.	0.6	25
152	Carrier-envelope phase dependence of nonsequential double ionization of H ₂ by few-cycle laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 641-649.	0.6	15
153	Direct experimental visualization of atomic and electron dynamics with attosecond pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, S419-S426.	0.6	12
154	Dependence of tunneling ionization and harmonic generation on the structure of molecules by short intense laser pulses. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 213-219.	2.0	21
155	POSITRON-ATOM BOUND STATES AND INTERACTIONS. , 2006, , .		0
156	Effects of orbital symmetries on the ionization rates of aligned molecules by short intense laser pulses. <i>Journal of Modern Optics</i> , 2006, 53, 21-33.	0.6	19
157	Evidence of two-center interference in high-order harmonic generation from CO ₂ . <i>Physical Review A</i> , 2006, 73, .	1.0	72
158	Laser-induced substructures in above-threshold-ionization spectra from intense few-cycle laser pulses. <i>Physical Review A</i> , 2006, 73, .	1.0	40
159	Attosecond xuv pulses for complete mapping of the time-dependent wave packets of D ₂ ⁺ . <i>Physical Review A</i> , 2006, 73, .	1.0	15
160	Analysis of two-dimensional photoelectron momentum spectra and the effect of the long-range Coulomb potential in single ionization of atoms by intense lasers. <i>Physical Review A</i> , 2006, 74, .	1.0	118
161	Signatures of tunneling and multiphoton ionization in the electron-momentum distributions of atoms by intense few-cycle laser pulses. <i>Physical Review A</i> , 2006, 74, .	1.0	32
162	Hyperspherical close-coupling calculations for electron-capture cross sections in low-energy Ne ¹⁰⁺⁺ H(1s) collisions. <i>Physical Review A</i> , 2006, 74, .	1.0	3

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163	Comment on "Correlation Quantum Dynamics between an Electron and D ₂ +Molecule with Attosecond Resolution". Physical Review Letters, 2006, 97, 049301; author reply 049302.	2.9	5
164	PROBING ORBITAL SYMMETRIES AND IONIZATION DYNAMICS OF SIMPLE MOLECULES WITH FEMTOSECOND LASER PULSES. Advances in Multi-photon Processes and Spectroscopy, 2006, , 1-27.	0.6	1
165	PROTON-, ANTIPROTON-, AND PHOTON-HE COLLISIONS IN THE CONTEXT OF ULTRA FAST PROCESSES. , 2006, , .		0
166	Photon-ion collisions and molecular clocks. Journal of Modern Optics, 2005, 52, 439-451.	0.6	2
167	Molecular tunnelling ionization and rescattering induced double ionization of H ₂ and D ₂ molecules. Journal of Modern Optics, 2005, 52, 185-199.	0.6	2
168	Measuring attosecond pulses generated from polarization gating. , 2005, , .		0
169	Investigation of triply excited states of Li-like ions in fast ion-atom collisions by zero-degree Auger projectile electron spectroscopy. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 161-171.	0.6	2
170	Protonium formation in the p _L ⁻ -H collision at low energies by a new diabatic approach. AIP Conference Proceedings, 2005, , .	0.3	0
171	New and Old Theoretical Tools for Evaluating Cross Sections for Ion-Atom Collisions. AIP Conference Proceedings, 2005, , .	0.3	1
172	Simultaneous real-time tracking of wave packets evolving on two different potential curves in H ₂ ⁺ and D ₂ ⁺ . Physical Review A, 2005, 72, .	1.0	81
173	Charge transfer in slow collisions of C ₆ ⁺ with H below 1 keV \hat{v} amu. Physical Review A, 2005, 72, .	1.0	6
174	Muon transfer from muonic hydrogen to atomic oxygen and nitrogen. Physical Review A, 2005, 71, .	1.0	16
175	Hyperspherical analysis of radial correlations in four-electron atoms. Physical Review A, 2005, 71, .	1.0	10
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