

Lars Bojer Madsen

List of Publications by Year in descending order

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271
papers

8,548
citations

36303

51
h-index

64796

79
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277
all docs

277
docs citations

277
times ranked

3468
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation time and nondipole contributions to intraband high-order harmonic generation. <i>Physical Review A</i> , 2022, 105, .	2.5	5
2	Helicity-dependent dissociative tunneling ionization of CF ₄ in multicycle circularly polarized intense laser fields. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8962-8969.	2.8	5
3	Nondipole effects in tunneling ionization by intense laser pulses. <i>Physical Review A</i> , 2022, 105, .	2.5	6
4	Asymmetric Dissociative Tunneling Ionization of Tetrafluoromethane in Intense Laser Fields. <i>Frontiers in Chemistry</i> , 2022, 10, 857863.	3.6	4
5	Correlation effects in high-order harmonic generation from finite systems. <i>Physical Review A</i> , 2022, 105, .	2.5	10
6	Photoionization of aligned excited states in neon by attosecond laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 054001.	1.5	2
7	Different forms of laser-matter interaction operators and expansion in adiabatic states. <i>European Physical Journal: Special Topics</i> , 2021, 230, 4141-4150.	2.6	2
8	Coherent scattering of an optically modulated electron beam by atoms. <i>Physical Review A</i> , 2021, 103, .	2.5	4
9	Edge-state-induced correlation effects in two-color pump-probe high-order harmonic generation. <i>Physical Review A</i> , 2021, 103, .	2.5	6
10	Nondipole photoelectron momentum shifts in strong-field ionization with mid-infrared laser pulses of long duration. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 165602.	1.5	15
11	Enhancement of Above Threshold Ionization in Resonantly Excited Helium Nanodroplets. <i>Physical Review Letters</i> , 2021, 127, 093201.	7.8	9
12	Edge-state and bulklike laser-induced correlation effects in high-harmonic generation from a linear chain. <i>Physical Review B</i> , 2021, 104, .	3.2	7
13	Strong-field approximation for high-order harmonic generation in infrared laser pulses in the accelerated Kramers-Henneberger frame. <i>Physical Review A</i> , 2021, 104, .	2.5	6
14	Crystal-momentum-resolved contributions to multiple plateaus of high-order harmonic generation from band-gap materials. <i>Physical Review A</i> , 2020, 102, .	2.5	22
15	Effect of multielectron polarization in the strong-field ionization of the oriented CO molecule. <i>Physical Review A</i> , 2020, 101, .	2.5	20
16	Colloquium: Multiconfigurational time-dependent Hartree approaches for indistinguishable particles. <i>Reviews of Modern Physics</i> , 2020, 92, .	45.6	67
17	Time-resolved spectroscopy of interparticle Coulombic decay processes. <i>Physical Review A</i> , 2020, 101, .	2.5	5
18	Nondipole strong-field-approximation Hamiltonian. <i>Physical Review A</i> , 2020, 101, .	2.5	21

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19	Nondipole effects in laser-assisted electron scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 195602.	1.5	7
20	Multielectron effects in strong-field ionization of the oriented OCS molecule. Physical Review A, 2020, 102, .	2.5	7
21	Effects of vacancies on high-order harmonic generation in a linear chain with band gap. Physical Review Research, 2020, 2, .	3.6	10
22	Laser-induced Coulomb-explosion imaging of the CS_2 dimer: The effect of non-Coulombic interactions. Physical Review A, 2020, 102, .	2.5	7
23	Excitation spectra of systems of indistinguishable particles by the autocorrelation function technique: Circumventing the exponential scaling for bosons. Journal of Chemical Physics, 2019, 150, 194105.	3.0	3
24	Pulse-length effects in strong-field ionization of atoms by co-rotating and counter-rotating bicircular laser pulses. Physical Review A, 2019, 100, .	2.5	4
25	Molecular Symmetry-Mixed Dichroism in Double Photoionization of H_2 . Physical Review Letters, 2019, 123, 143202.	7.8	2
26	Enhanced high-order harmonic generation in donor-doped band-gap materials. Physical Review A, 2019, 99, .	2.5	48
27	High-order harmonic generation in imperfect crystals. Physical Review A, 2019, 99, .	2.5	30
28	Effects of core space and excitation levels on ground-state correlation and photoionization dynamics of Be and Ne. Journal of Chemical Physics, 2019, 150, 084305.	3.0	7
29	Electron correlation effects in enhanced ionization of diatomic molecules in near-infrared fields. Physical Review A, 2019, 99, .	2.5	7
30	Dynamics of interatomic Coulombic decay in neon dimers by XUV-pump-XUV-probe spectroscopy. Physical Review A, 2019, 99, .	2.5	3
31	Torsional effects in strong-field ionization of molecules. Physical Review Research, 2019, 1, .	3.6	3
32	Finite-system effects on high-order harmonic generation: From atoms to solids. Physical Review A, 2018, 97, .	2.5	53
33	Attosecond photoionization dynamics in neon. Physical Review A, 2018, 97, .	2.5	14
34	Monte Carlo wave-packet approach to trace nuclear dynamics in molecular excited states by XUV-pump-IR-probe spectroscopy. Physical Review A, 2018, 97, .	2.5	2
35	Bound and continuum energy distributions of nuclear fragments resulting from tunneling ionization of molecules. Physical Review A, 2018, 97, .	2.5	3
36	Attosecond transient-absorption spectroscopy of polar molecules. Physical Review A, 2018, 98, .	2.5	7

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37	Dynamical electron vortices in attosecond double photoionization of H^2 . Physical Review A, 2018, 98, .	2.5	28
38	Structure factors for tunneling ionization rates of molecules: General grid-based methodology and convergence studies. Journal of Chemical Physics, 2018, 149, 164107.	3.0	12
39	Core-resonant ionization of helium by intense XUV pulses: Analytical and numerical studies on channel-resolved spectral features. Physical Review A, 2018, 98, .	2.5	7
40	Probing atomic and molecular targets by intense bicircular counter-rotating laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 135401.	1.5	10
41	Signatures of a Conical Intersection in Attosecond Transient Absorption Spectroscopy. Physical Review Letters, 2018, 121, 023203.	7.8	18
42	Multispecies time-dependent restricted-active-space self-consistent-field theory for ultracold atomic and molecular gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 155302.	1.5	20
43	Entangled Quantum Dynamics of Many-Body Systems using Bohmian Trajectories. Scientific Reports, 2018, 8, 12704.	3.3	12
44	Multielectron polarization effects in strong-field ionization: Narrowing of momentum distributions and imprints in interference structures. Physical Review A, 2018, 98, .	2.5	15
45	Attosecond transient absorption spectroscopy of molecular nitrogen: Vibrational coherences in the $\tilde{b}^2 \Sigma^+_{g,u}$ state. Chemical Physics Letters, 2017, 683, 408-415.	2.6	28
46	Torsional and rotational couplings in nonrigid molecules. Physical Review A, 2017, 95, .	2.5	8
47	High-order harmonic generation from gapped graphene: Perturbative response and transition to nonperturbative regime. Physical Review B, 2017, 95, .	3.2	45
48	Time-dependent restricted-active-space self-consistent-field theory with space partition. Physical Review A, 2017, 95, .	2.5	16
49	Time-dependent restricted-active-space self-consistent-field theory for bosonic many-body systems. New Journal of Physics, 2017, 19, 043007.	2.9	31
50	Electron correlation in tunneling ionization of diatomic molecules: An application of the many-electron weak-field asymptotic theory with a generalized-active-space partition scheme. Physical Review A, 2017, 96, .	2.5	12
51	Electron correlation in beryllium: Effects in the ground state, short-pulse photoionization, and time-delay studies. Physical Review A, 2017, 95, .	2.5	15
52	Kinematical vortices in double photoionization of helium by attosecond pulses. Physical Review A, 2017, 96, .	2.5	40
53	Structure factors for tunneling ionization rates of molecules: General Hartree-Fock-based integral representation. Physical Review A, 2017, 96, .	2.5	13
54	Analytic modeling of structures in attosecond transient-absorption spectra. Physical Review A, 2017, 96, .	2.5	11

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55	Non-perturbative semiclassical model for strong-field ionization. Journal of Physics: Conference Series, 2017, 875, 022019.	0.4	0
56	Nonsequential double-recombination high-order-harmonic generation in molecular-like systems. Physical Review A, 2017, 96, .	2.5	5
57	Above-threshold ionization of helium in the long-wavelength regime: Examining the single-active-electron approximation and the two-electron strong-field approximation. Physical Review A, 2017, 95, .	2.5	13
58	Floquet-Bloch shifts in two-band semiconductors interacting with light. Physical Review A, 2017, 95, .	2.5	17
59	Electron Matter-Wave Vortices in Double Photoionization of Helium by Attosecond Pulses. Journal of Physics: Conference Series, 2017, 875, 022014.	0.4	0
60	Interplay between pulse parameters and alignment of $\{m\{H\}\}_2^{+}$ in strong laser fields. Journal of Physics: Conference Series, 2017, 869, 012009.	0.4	4
61	Two attosecond pulse transient absorption spectroscopy and extraction of the instantaneous AC Stark shift in helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 14LT02.	1.5	0
62	Sequential and nonsequential double ionization of helium by intense XUV laser pulses: Revealing ac Stark shifts from joint energy spectra. Physical Review A, 2016, 94, .	2.5	16
63	Laser-induced dissociative ionization of H ₂ from the near-infrared to the mid-infrared regime. Physical Review A, 2016, 94, .	2.5	5
64	Alignment-dependent strong-field ionization yields of carbonyl sulfide molecules induced by mid-infrared laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 205601.	1.5	18
65	Illuminating Molecular Symmetries with Bicircular High-Order-Harmonic Generation. Physical Review Letters, 2016, 117, 133902.	7.8	60
66	Alignment dependence of photoelectron momentum distributions of atomic and molecular targets probed by few-cycle circularly polarized laser pulses. Physical Review A, 2016, 94, .	2.5	11
67	Semiclassical two-step model for strong-field ionization. Physical Review A, 2016, 94, .	2.5	114
68	Inter- and intracycle interference effects in strong-field dissociative ionization. Physical Review A, 2016, 93, .	2.5	15
69	Exterior time scaling with the stiffness-free Lanczos time propagator: Formulation and application to atoms interacting with strong midinfrared lasers. Physical Review A, 2016, 93, .	2.5	9
70	Rotating-frame perspective on high-order-harmonic generation of circularly polarized light. Physical Review A, 2016, 93, .	2.5	33
71	Ionization of helium by intense XUV laser pulses: Numerical simulations on channel-resolved probabilities. Physical Review A, 2016, 93, .	2.5	3
72	Theory of dissociative tunneling ionization. Physical Review A, 2016, 93, .	2.5	12

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73	Same-period emission and recombination in nonsequential double-recombination high-order-harmonic generation. <i>Physical Review A</i> , 2016, 93, .	2.5	5
74	Multistart spiral electron vortices in ionization by circularly polarized UV pulses. <i>Physical Review A</i> , 2016, 94, .	2.5	78
75	Attosecond transient-absorption spectroscopy on aligned molecules. <i>Physical Review A</i> , 2016, 94, .	2.5	17
76	Light-induced structures in attosecond transient-absorption spectroscopy of molecules. <i>Physical Review A</i> , 2015, 92, .	2.5	15
77	Electron-correlation effects in enhanced ionization of molecules: A time-dependent generalized-active-space configuration-interaction study. <i>Physical Review A</i> , 2015, 92, .	2.5	16
78	Electron Vortices in Photoionization by Circularly Polarized Attosecond Pulses. <i>Physical Review Letters</i> , 2015, 115, 113004.	7.8	141
79	Characterization of Molecular Breakup by Very Intense Femtosecond XUV Laser Pulses. <i>Physical Review Letters</i> , 2015, 115, 033001.	7.8	9
80	Intense near-IR laser induced electron-ion scattering experiment on hydrocarbon molecules. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112029.	0.4	0
81	Strong-field ionization of three-dimensionally aligned naphthalene molecules: orbital modification and imprints of orbital nodal planes. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 245601.	1.5	11
82	Attosecond charge migration and its laser control. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112136.	0.4	1
83	Two-step semiclassical model for strong-field ionization with interference and multielectron polarization effects. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092047.	0.4	0
84	Alignment- and orientation-dependent strong-field ionization of molecules: Field-induced orbital distortion effects. <i>Physical Review A</i> , 2015, 91, .	2.5	33
85	Nuclear-motion effects in attosecond transient-absorption spectroscopy of molecules. <i>Physical Review A</i> , 2015, 91, .	2.5	34
86	Observation of low-energy electrons in the photoelectron energy distribution from strong-field ionization of naphthalene by circularly polarized pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 121001.	1.5	5
87	Coulomb and dipole effects in tunneling ionization of molecules including nuclear motion. <i>Physical Review A</i> , 2015, 91, .	2.5	10
88	Structure factors for tunneling ionization rates of diatomic molecules. <i>Atomic Data and Nuclear Data Tables</i> , 2015, 103-104, 4-49.	2.4	25
89	Suppression of strong-field ionization by optimal pulse shaping: Application to hydrogen and the hydrogen molecular ion. <i>Physical Review A</i> , 2015, 91, .	2.5	7
90	Observation of laser-induced electronic structure in oriented polyatomic molecules. <i>Nature Communications</i> , 2015, 6, 7039.	12.8	68

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91	Theory of low-energy photoelectrons in strong-field ionization by laser pulses with large ellipticity. <i>Physical Review A</i> , 2015, 91, .	2.5	23
92	Measurement and laser control of attosecond charge migration in ionized iodoacetylene. <i>Science</i> , 2015, 350, 790-795.	12.6	463
93	Role of Multi-Electron Effects in the Asymmetry of Strong-Field Ionization and Fragmentation of Polar Molecules: The Methyl Halide Series. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11772-11782.	2.5	42
94	Time-dependent restricted-active-space self-consistent-field singles method for many-electron dynamics. <i>Journal of Chemical Physics</i> , 2014, 140, 164309.	3.0	39
95	Time-dependent generalized-active-space configuration-interaction approach to photoionization dynamics of atoms and molecules. <i>Physical Review A</i> , 2014, 90, .	2.5	68
96	Dissociative ionization of H ₂ + using intense femtosecond XUV laser pulses. <i>Physical Review A</i> , 2014, 90, .	2.5	23
97	Asymmetric photoelectron momentum distributions due to quantum interference in strong-field ionization by a few-cycle pulse. <i>Physical Review A</i> , 2014, 89, .	2.5	13
98	Application of the weak-field asymptotic theory to tunneling ionization of H^2 . <i>Physical Review A</i> , 2014, 89, .	2.5	26
99	Nonlinear Dichroism in Back-to-Back Double Ionization of He by an Intense Elliptically Polarized Few-Cycle Extreme Ultraviolet Pulse. <i>Physical Review Letters</i> , 2014, 113, 223002.	7.8	29
100	Weak-field asymptotic theory of tunneling ionization in many-electron atomic and molecular systems. <i>Physical Review A</i> , 2014, 89, .	2.5	53
101	“Slow” time discretization: a versatile time propagator for the time-dependent Schrödinger equation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 075007.	1.5	3
102	Dynamic Stark Control of Torsional Motion by a Pair of Laser Pulses. <i>Physical Review Letters</i> , 2014, 113, 073005.	7.8	60
103	Time-dependent restricted-active-space self-consistent-field theory for laser-driven many-electron dynamics. II. Extended formulation and numerical analysis. <i>Physical Review A</i> , 2014, 89, .	2.5	77
104	Low-Energy Photoelectrons in Strong-Field Ionization by Laser Pulses with Large Ellipticity. <i>Physical Review Letters</i> , 2014, 113, 103005.	7.8	41
105	Field-induced orbital distortion in high-order-harmonic generation from aligned and oriented molecules within adiabatic strong-field approximation. <i>Physical Review A</i> , 2014, 89, .	2.5	21
106	Electron-Nuclear Energy Sharing in Above-Threshold Multiphoton Dissociative Ionization of H^2 . <i>Physical Review Letters</i> , 2013, 111, 023002.	7.8	59
107	Retardation Effects and the Born-Oppenheimer Approximation: Theory of Tunneling Ionization of Molecules Revisited. <i>Physical Review Letters</i> , 2013, 111, 153003.	7.8	21
108	Dissociation and dissociative ionization of H^2 using the time-dependent surface flux method. <i>Physical Review A</i> , 2013, 88, .	2.5	31

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109	Structure factors for tunneling ionization rates of molecules. <i>Physical Review A</i> , 2013, 87, .	2.5	70
110	Ehrenfest's theorem and the validity of the two-step model for strong-field ionization. <i>Physical Review A</i> , 2013, 87, .	2.5	13
111	High-order-harmonic generation from field-distorted orbitals. <i>Physical Review A</i> , 2013, 87, .	2.5	17
112	First-order correction terms in the weak-field asymptotic theory of tunneling ionization. <i>Physical Review A</i> , 2013, 87, .	2.5	43
113	Time-dependent restricted-active-space self-consistent-field theory for laser-driven many-electron dynamics. <i>Physical Review A</i> , 2013, 87, .	2.5	117
114	Internuclear-distance dependence of the role of excited states in high-order-harmonic generation of $H_{2^{+}}$. <i>Physical Review A</i> , 2013, 87, .	2.5	36
115	Probing the longitudinal momentum spread of the electron wave packet at the tunnel exit. <i>EPJ Web of Conferences</i> , 2013, 41, 02017.	0.3	0
116	Extraction of electron-ion differential scattering cross sections for $C_{2^{+}}H_{4^{+}}$ by laser-induced rescattering photoelectron spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 131001.	1.5	32
117	Control and femtosecond time-resolved imaging of torsion in a chiral molecule. <i>Journal of Chemical Physics</i> , 2012, 136, 204310.	3.0	83
118	Molecular-Frame 3D Photoelectron Momentum Distributions by Tomographic Reconstruction. <i>Physical Review Letters</i> , 2012, 109, 123001.	7.8	59
119	Nondipole effects in attosecond photoelectron streaking. <i>Physical Review A</i> , 2012, 86, .	2.5	8
120	Laser-induced bound-state phases in high-order-harmonic generation. <i>Physical Review A</i> , 2012, 86, .	2.5	13
121	Ionization in elliptically polarized pulses: Multielectron polarization effects and asymmetry of photoelectron momentum distributions. <i>Physical Review A</i> , 2012, 85, .	2.5	108
122	Theory of attosecond absorption spectroscopy in krypton. <i>Physical Review A</i> , 2012, 85, .	2.5	27
123	Orientation-dependent ionization yields from strong-field ionization of fixed-in-space linear and asymmetric top molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 015101.	1.5	73
124	Probing the Longitudinal Momentum Spread of the Electron Wave Packet at the Tunnel Exit. <i>Physical Review Letters</i> , 2012, 109, 083002.	7.8	111
125	Reply to "Comment on 'On the dipole, velocity and acceleration forms in high-order harmonic generation from a single atom or molecule'". <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 028002.	1.5	1
126	Strong-field-ionization suppression by light-field control. <i>Physical Review A</i> , 2012, 86, .	2.5	22

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127	Attoclock reveals natural coordinates of the laser-induced tunnelling current flow in atoms. Nature Physics, 2012, 8, 76-80.	16.7	330
128	Multiphoton Above Threshold Effects in Strong-Field Fragmentation. Physical Review Letters, 2012, 109, 163003.	7.8	54
129	Application of the weak-field asymptotic theory to the analysis of tunneling ionization of linear molecules. Physical Review A, 2012, 85, .	2.5	81
130	On the dipole, velocity and acceleration forms in high-order harmonic generation from a single atom or molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 115601.	1.5	71
131	Theory of tunneling ionization of molecules: Weak-field asymptotics including dipole effects. Physical Review A, 2011, 84, .	2.5	147
132	Momentum distributions of selected rare-gas atoms probed by intense femtosecond laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 235601.	1.5	3
133	Two-center minima in harmonic spectra from aligned polar molecules. Physical Review A, 2011, 84, .	2.5	35
134	Interrogation of orbital structure by elliptically polarized intense femtosecond laser pulses. Physical Review A, 2011, 84, .	2.5	38
135	Dissociative multiple ionization of diatomic molecules by extreme-ultraviolet free-electron-laser pulses. Physical Review A, 2011, 83, .	2.5	5
136	Ionization of one- and three-dimensionally-oriented asymmetric-top molecules by intense circularly polarized femtosecond laser pulses. Physical Review A, 2011, 83, .	2.5	66
137	Ionization of oriented carbonyl sulfide molecules by intense circularly polarized laser pulses. Physical Review A, 2011, 83, .	2.5	75
138	Atomic and molecular phases through attosecond streaking. Physical Review A, 2011, 83, .	2.5	9
139	Time-Resolved Photoelectron Angular Distributions from Strong-Field Ionization of Rotating Naphthalene Molecules. Physical Review Letters, 2011, 106, 073001.	7.8	81
140	Ionization of oriented targets by intense circularly polarized laser pulses: Imprints of orbital angular nodes in the two-dimensional momentum distribution. Physical Review A, 2010, 81, .	2.5	28
141	Comparison between length and velocity gauges in quantum simulations of high-order harmonic generation. Physical Review A, 2010, 81, .	2.5	69
142	Photoelectron angular distributions from polar molecules probed by intense femtosecond lasers. Physical Review A, 2010, 82, .	2.5	45
143	Strong-field ionization of polar molecules: Stark-shift-corrected strong-field approximation. Physical Review A, 2010, 82, .	2.5	104
144	Photoelectron angular distributions from strong-field ionization of oriented molecules. Nature Physics, 2010, 6, 428-432.	16.7	349

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145	Dissociative double ionization of H_2 and D_2 . Comparison between experiment and Monte Carlo wave packet calcul. Physical Review A, 2010, 81, .	2.5	12
146	High-order harmonic generation from polyatomic molecules including nuclear motion and a nuclear modes analysis. Physical Review A, 2010, 81, .	2.5	20
147	Inducing elliptically polarized high-order harmonics from aligned molecules with linearly polarized femtosecond pulses. Physical Review A, 2010, 81, .	2.5	32
148	Polarization Effects in Attosecond Photoelectron Spectroscopy. Physical Review Letters, 2010, 104, 043602.	7.8	47
149	Extending the strong-field approximation of high-order harmonic generation to polar molecules: gating mechanisms and extension of the harmonic cutoff. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 155602.	1.5	91
150	Monte Carlo wave packet approach to dissociative multiple ionization in diatomic molecules. Physical Review A, 2010, 81, .	2.5	12
151	Single-active-electron potentials for molecules in intense laser fields. Physical Review A, 2010, 81, .	2.5	58
152	Minimum in the high-order harmonic generation spectrum from molecules: role of excited states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 225601.	1.5	26
153	Isotopic scaling in strong-field dissociation by few-cycle pulses. Physical Review A, 2009, 79, .	2.5	2
154	Manipulating the Torsion of Molecules by Strong Laser Pulses. Physical Review Letters, 2009, 102, 073007.	7.8	102
155	Secondary-electron cascade in attosecond photoelectron spectroscopy from metals. Physical Review A, 2009, 80, .	2.5	10
156	Above-threshold ionization, energy-resolved photoelectron angular distributions, and momentum distributions of H_2^+ in intense femtosecond laser pulses. Physical Review A, 2009, 79, .	2.5	9
157	Monte Carlo Wave Packet Theory of Dissociative Double Ionization. Physical Review Letters, 2009, 103, 183601.	7.8	27
158	Alignment dependence in above-threshold ionization of H_2^+ : role of intermediate resonances. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 085602.	1.5	14
159	A combined experimental and theoretical study on realizing and using laser controlled torsion of molecules. Journal of Chemical Physics, 2009, 130, 234310.	3.0	55
160	Theory of strong-field ionization of aligned CO_2 . Physical Review A, 2009, 80, .	2.5	67
161	Strong-field short-pulse nondipole dynamics. Physical Review A, 2009, 80, .	2.5	15
162	Energy-resolved photoelectron angular distributions of H_2^+ in intense femtosecond laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 021001.	1.5	8

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163	Counterintuitive angular shifts in the photoelectron momentum distribution for atoms in strong few-cycle circularly polarized laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 161001.	1.5	41
164	The role of the atomic potential in the regime of strong-field tunnelling ionization: imprints on longitudinal and 2D momentum distributions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 245601.	1.5	13
165	Geometric phases in open tripod systems. Physical Review A, 2008, 77, .	2.5	35
166	Laser-assisted ion-atom collisions: Plateau, cutoff, and multiphoton peaks. Physical Review A, 2008, 77, .	2.5	8
167	Time-resolved subcycle dynamics: Importance of physical fields and gauge invariance. Physical Review A, 2008, 78, .	2.5	13
168	Quantum Gates and Multipartite Entanglement by Rydberg Excitation Blockade and Adiabatic Passage. Physical Review Letters, 2008, 100, 170504.	7.8	219
169	Publisher's Note: Laser-assisted ion-atom collisions: Plateau, cutoff, and multiphoton peaks [Phys. Rev. A77, 023412 (2008)]. Physical Review A, 2008, 77, .	2.5	0
170	Time dependence of ionization and excitation by few-cycle laser pulses. Physical Review A, 2008, 78, .	2.5	8
171	Theory for time-resolved measurements of laser-induced electron emission from metal surfaces. Physical Review A, 2008, 78, .	2.5	42
172	Ellipticity dependence of the validity of the saddle-point method in strong-field ionization by few-cycle laser pulses. Physical Review A, 2008, 78, .	2.5	8
173	Multiphoton Electron Angular Distributions from Laser-Aligned CS_2 Molecules. Physical Review Letters, 2008, 100, 093006.	7.8	92
174	From multiphoton to tunnelling ionization of neon and argon. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 151001.	1.5	15
175	Alignment-dependent above-threshold ionization of molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 237-245.	1.5	5
176	Theoretical studies of high-order harmonic generation: Effects of symmetry, degeneracy, and orientation. Physical Review A, 2007, 76, .	2.5	25
177	Comment on "Generalization of Keldysh's theory". Physical Review A, 2007, 75, .	2.5	8
178	Three-dimensional time-dependent Hartree-Fock approach for arbitrarily oriented molecular hydrogen in strong electromagnetic fields. Physical Review A, 2007, 76, .	2.5	23
179	Extracting continuum information from $\hat{T}(\mathbf{m}_0, \mathbf{m}_1, \mathbf{m}_2)$ time-dependent wave-packet calculations. Physical Review A, 2007, 76, .	2.5	90
180	Molecules in intense xuv pulses: Beyond the dipole approximation in linearly and circularly polarized fields. Physical Review A, 2007, 76, .	2.5	25

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181	Finite-bandwidth effects in strong-field ionization of atoms by few-cycle circularly polarized laser pulses. <i>Physical Review A</i> , 2007, 76, .	2.5	17
182	Effects of orientation and alignment in high-order harmonic generation and above-threshold ionization. <i>Physical Review A</i> , 2007, 76, .	2.5	22
183	Solving them-mixing problem for the three-dimensional time-dependent Schrödinger equation by rotations: Application to strong-field ionization of H ₂ ⁺ . <i>Physical Review A</i> , 2007, 75, .	2.5	66
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