

Lars Bojer Madsen

List of Publications by Year in descending order

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271
papers

8,548
citations

36203

51
h-index

64668

79
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277
all docs

277
docs citations

277
times ranked

3468
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement and laser control of attosecond charge migration in ionized iodoacetylene. Science, 2015, 350, 790-795.	6.0	463
2	Photoelectron angular distributions from strong-field ionization of oriented molecules. Nature Physics, 2010, 6, 428-432.	6.5	349
3	Attoclock reveals natural coordinates of the laser-induced tunnelling current flow in atoms. Nature Physics, 2012, 8, 76-80.	6.5	330
4	Quantum Gates and Multiparticle Entanglement by Rydberg Excitation Blockade and Adiabatic Passage. Physical Review Letters, 2008, 100, 170504.	2.9	219
5	Theory of tunneling ionization of molecules: Weak-field asymptotics including dipole effects. Physical Review A, 2011, 84, .	1.0	147
6	Electron Vortices in Photoionization by Circularly Polarized Attosecond Pulses. Physical Review Letters, 2015, 115, 113004.	2.9	141
7	Strong-field ionization of N ₂ : length and velocity gauge strong-field approximation and tunnelling theory. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 2033-2044.	0.6	134
8	Time-dependent restricted-active-space self-consistent-field theory for laser-driven many-electron dynamics. Physical Review A, 2013, 87, .	1.0	117
9	Semiclassical two-step model for strong-field ionization. Physical Review A, 2016, 94, .	1.0	114
10	Probing the Longitudinal Momentum Spread of the Electron Wave Packet at the Tunnel Exit. Physical Review Letters, 2012, 109, 083002.	2.9	111
11	Ionization in elliptically polarized pulses: Multielectron polarization effects and asymmetry of photoelectron momentum distributions. Physical Review A, 2012, 85, .	1.0	108
12	Strong-field ionization of polar molecules: Stark-shift-corrected strong-field approximation. Physical Review A, 2010, 82, .	1.0	104
13	Manipulating the Torsion of Molecules by Strong Laser Pulses. Physical Review Letters, 2009, 102, 073007.	2.9	102
14	Strong-field ionization of diatomic molecules and companion atoms: Strong-field approximation and tunneling theory including nuclear motion. Physical Review A, 2005, 71, .	1.0	95
15	Spin squeezing and precision probing with light and samples of atoms in the Gaussian description. Physical Review A, 2004, 70, .	1.0	92
16	Multiphoton Electron Angular Distributions from Laser-Aligned CS_2 Molecules. Physical Review Letters, 2008, 100, 093006.	2.9	92
17	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.	0.6	91
18	Extracting continuum information from $\hat{I}(\omega)$ time-dependent wave-packet calculations. Physical Review A, 2007, 76, .	1.0	90

#	ARTICLE	IF	CITATIONS
19	Gauge invariance in the interaction between atoms and few-cycle laser pulses. <i>Physical Review A</i> , 2002, 65, .	1.0	88
20	High-order harmonic generation from arbitrarily oriented diatomic molecules including nuclear motion and field-free alignment. <i>Physical Review A</i> , 2006, 74, .	1.0	84
21	Influence of molecular symmetry on strong-field ionization: Studies on ethylene, benzene, fluorobenzene, and chlorofluorobenzene. <i>Physical Review A</i> , 2005, 71, .	1.0	83
22	Control and femtosecond time-resolved imaging of torsion in a chiral molecule. <i>Journal of Chemical Physics</i> , 2012, 136, 204310.	1.2	83
23	Time-Resolved Photoelectron Angular Distributions from Strong-Field Ionization of Rotating Naphthalene Molecules. <i>Physical Review Letters</i> , 2011, 106, 073001.	2.9	81
24	Application of the weak-field asymptotic theory to the analysis of tunneling ionization of linear molecules. <i>Physical Review A</i> , 2012, 85, .	1.0	81
25	Multistart spiral electron vortices in ionization by circularly polarized UV pulses. <i>Physical Review A</i> , 2016, 94, .	1.0	78
26	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, .	1.0	77
27	Ionization of oriented carbonyl sulfide molecules by intense circularly polarized laser pulses. <i>Physical Review A</i> , 2011, 83, .	1.0	75
28	Geometric phase gates based on stimulated Raman adiabatic passage in tripod systems. <i>Physical Review A</i> , 2007, 75, .	1.0	73
29	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.	0.6	73
30	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> , 2011, 44, 115601.	0.6	71
31	Structure factors for tunneling ionization rates of molecules. <i>Physical Review A</i> , 2013, 87, .	1.0	70
32	Comparison between length and velocity gauges in quantum simulations of high-order harmonic generation. <i>Physical Review A</i> , 2010, 81, .	1.0	69
33	Time-dependent generalized-active-space configuration-interaction approach to photoionization dynamics of atoms and molecules. <i>Physical Review A</i> , 2014, 90, .	1.0	68
34	Observation of laser-induced electronic structure in oriented polyatomic molecules. <i>Nature Communications</i> , 2015, 6, 7039.	5.8	68
35	Theory of strong-field ionization of aligned CO_2 . <i>Physical Review A</i> , 2009, 80, .	1.0	67
36	Colloquium: Multiconfigurational time-dependent Hartree approaches for indistinguishable particles. <i>Reviews of Modern Physics</i> , 2020, 92, .	16.4	67

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37	Solving the mixing problem for the three-dimensional time-dependent Schrödinger equation by rotations: Application to strong-field ionization of H ₂ ⁺ . Physical Review A, 2007, 75, .	1.0	66
38	Ionization of one- and three-dimensionally-oriented asymmetric-top molecules by intense circularly polarized femtosecond laser pulses. Physical Review A, 2011, 83, .	1.0	66
39	Exact Nondipole Kramers-Henneberger Form of the Light-Atom Hamiltonian: An Application to Atomic Stabilization and Photoelectron Energy Spectra. Physical Review Letters, 2005, 95, 043601.	2.9	65
40	Role of symmetry in strong-field ionization of molecules. Physical Review A, 2003, 68, .	1.0	62
41	Symmetry of Carrier-Envelope Phase Difference Effects in Strong-Field, Few-Cycle Ionization of Atoms and Molecules. Physical Review Letters, 2006, 97, 093001.	2.9	62
42	Dynamic Stark Control of Torsional Motion by a Pair of Laser Pulses. Physical Review Letters, 2014, 113, 073005.	2.9	60
43	Illuminating Molecular Symmetries with Bircircular High-Order-Harmonic Generation. Physical Review Letters, 2016, 117, 133902.	2.9	60
44	Nondipole Ionization Dynamics of Atoms in Superintense High-Frequency Attosecond Pulses. Physical Review Letters, 2006, 97, 043601.	2.9	59
45	Molecular-Frame 3D Photoelectron Momentum Distributions by Tomographic Reconstruction. Physical Review Letters, 2012, 109, 123001.	2.9	59
46	Electron-Nuclear Energy Sharing in Above-Threshold Multiphoton Dissociative Ionization of H_2^+ . Physical Review Letters, 2013, 111, 023002.	2.9	59
47	Single-active-electron potentials for molecules in intense laser fields. Physical Review A, 2010, 81, .	1.0	58
48	A combined experimental and theoretical study on realizing and using laser controlled torsion of molecules. Journal of Chemical Physics, 2009, 130, 234310.	1.2	55
49	Multiphoton Above Threshold Effects in Strong-Field Fragmentation. Physical Review Letters, 2012, 109, 163003.	2.9	54
50	Weak-field asymptotic theory of tunneling ionization in many-electron atomic and molecular systems. Physical Review A, 2014, 89, .	1.0	53
51	Finite-system effects on high-order harmonic generation: From atoms to solids. Physical Review A, 2018, 97, .	1.0	53
52	Strong-field approximation in laser-assisted dynamics. American Journal of Physics, 2005, 73, 57-62.	0.3	48
53	Enhanced high-order harmonic generation in donor-doped band-gap materials. Physical Review A, 2019, 99, .	1.0	48
54	Polarization Effects in Attosecond Photoelectron Spectroscopy. Physical Review Letters, 2010, 104, 043602.	2.9	47

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55	Ab initio studies of strong-field ionization of arbitrarily oriented H ₂ ⁺ molecules. <i>Physical Review A</i> , 2006, 74, .	1.0	46
56	Scaling of hydrogenic atoms and ions interacting with laser fields: Positronium in a laser field. <i>Physical Review A</i> , 1999, 59, 4574-4579.	1.0	45
57	Blackbody-Radiation-Assisted Laser Cooling of Molecular Ions. <i>Physical Review Letters</i> , 2002, 89, 173003.	2.9	45
58	Vibrational Excitation of Diatomic Molecular Ions in Strong Field Ionization of Diatomic Molecules. <i>Physical Review Letters</i> , 2005, 95, 073004.	2.9	45
59	Photoelectron angular distributions from polar molecules probed by intense femtosecond lasers. <i>Physical Review A</i> , 2010, 82, .	1.0	45
60	High-order harmonic generation from gapped graphene: Perturbative response and transition to nonperturbative regime. <i>Physical Review B</i> , 2017, 95, .	1.1	45
61	Tunneling ionization of atoms. <i>American Journal of Physics</i> , 2004, 72, 249-254.	0.3	44
62	First-order correction terms in the weak-field asymptotic theory of tunneling ionization. <i>Physical Review A</i> , 2013, 87, .	1.0	43
63	Theory for time-resolved measurements of laser-induced electron emission from metal surfaces. <i>Physical Review A</i> , 2008, 78, .	1.0	42
64	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.	1.1	42
65	Ionization and excitation dynamics of H(1s) in short intense laser pulses. <i>Physical Review A</i> , 2001, 64, .	1.0	41
66	Counterintuitive angular shifts in the photoelectron momentum distribution for atoms in strong few-cycle circularly polarized laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 161001.	0.6	41
67	Low-Energy Photoelectrons in Strong-Field Ionization by Laser Pulses with Large Ellipticity. <i>Physical Review Letters</i> , 2014, 113, 103005.	2.9	41
68	Rotational cooling of heteronuclear molecular ions with $\hat{1}, \hat{2}, \hat{3}$, and $\hat{2}$ electronic ground states. <i>Physical Review A</i> , 2004, 70, .	1.0	40
69	Estimation of a classical parameter with Gaussian probes: Magnetometry with collective atomic spins. <i>Physical Review A</i> , 2004, 70, .	1.0	40
70	Kinematical vortices in double photoionization of helium by attosecond pulses. <i>Physical Review A</i> , 2017, 96, .	1.0	40
71	Strong Orientation Effects in Ionization of H ₂ ⁺ by Short, Intense, High-Frequency Light Pulses. <i>Physical Review Letters</i> , 2005, 95, 093002.	2.9	39
72	Time-dependent restricted-active-space self-consistent-field singles method for many-electron dynamics. <i>Journal of Chemical Physics</i> , 2014, 140, 164309.	1.2	39

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73	Interrogation of orbital structure by elliptically polarized intense femtosecond laser pulses. <i>Physical Review A</i> , 2011, 84, .	1.0	38
74	Theory of laser-assisted electron-atom scattering: beyond the Kroll-Watson approximation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 5327-5342.	0.6	36
75	Internuclear-distance dependence of the role of excited states in high-order-harmonic generation of H^{2+} . <i>Physical Review A</i> , 2013, 87, .	1.0	36
76	in intense laser fields: mechanisms for enhanced ionization in the multiphoton regime. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 87-104.	0.6	35
77	Geometric phases in open tripod systems. <i>Physical Review A</i> , 2008, 77, .	1.0	35
78	Two-center minima in harmonic spectra from aligned polar molecules. <i>Physical Review A</i> , 2011, 84, .	1.0	35
79	Nuclear-motion effects in attosecond transient-absorption spectroscopy of molecules. <i>Physical Review A</i> , 2015, 91, .	1.0	34
80	Electron emission during combined attosecond pulses. <i>Physical Review A</i> , 2003, 68, .	1.0	33
81	Alignment- and orientation-dependent strong-field ionization of molecules: Field-induced orbital distortion effects. <i>Physical Review A</i> , 2015, 91, .	1.0	33
82	Rotating-frame perspective on high-order-harmonic generation of circularly polarized light. <i>Physical Review A</i> , 2016, 93, .	1.0	33
83	Inducing elliptically polarized high-order harmonics from aligned molecules with linearly polarized femtosecond pulses. <i>Physical Review A</i> , 2010, 81, .	1.0	32
84	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.	0.6	32
85	Dissociation and dissociative ionization of H^{2+} using the time-dependent surface flux method. <i>Physical Review A</i> , 2013, 88, .	1.0	31
86	Time-dependent restricted-active-space self-consistent-field theory for bosonic many-body systems. <i>New Journal of Physics</i> , 2017, 19, 043007.	1.2	31
87	High-order harmonic generation in imperfect crystals. <i>Physical Review A</i> , 2019, 99, .	1.0	30
88	Excitation in Ion-Atom Collisions Inside Subfemtosecond Laser Pulses. <i>Physical Review Letters</i> , 2002, 89, 093202.	2.9	29
89	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.	2.9	29
90	Laser-Induced Transitions between Triply Excited Hollow States. <i>Physical Review Letters</i> , 2000, 85, 42-45.	2.9	28

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91	Ionization of oriented targets by intense circularly polarized laser pulses: Imprints of orbital angular nodes in the two-dimensional momentum distribution. <i>Physical Review A</i> , 2010, 81, .	1.0	28
92	Attosecond transient absorption spectroscopy of molecular nitrogen: Vibrational coherences in the $\hat{\epsilon}^2 1\hat{\Sigma}^+u$ state. <i>Chemical Physics Letters</i> , 2017, 683, 408-415.	1.2	28
93	Dynamical electron vortices in attosecond double photoionization of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi mathvariant="normal"} \rangle \text{H} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review A</i> , 2018, 98, .	1.0	28
94	Monte-Carlo Wave Packet Theory of Dissociative Double Ionization. <i>Physical Review Letters</i> , 2009, 103, 183601.	2.9	27
95	Theory of attosecond absorption spectroscopy in krypton. <i>Physical Review A</i> , 2012, 85, .	1.0	27
96	Strong-field ionization of atoms and molecules: The two-term saddle-point method. <i>Physical Review A</i> , 2006, 74, .	1.0	26
97	Minimum in the high-order harmonic generation spectrum from molecules: role of excited states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 225601.	0.6	26
98	Application of the weak-field asymptotic theory to tunneling ionization of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi mathvariant="normal"} \rangle \text{H} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{O} \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review A</i> , 2014, 89, .	1.0	26
99	Probabilistic state preparation of a single molecular ion by projection measurement. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, S1259-S1265.	0.6	25
100	Theoretical studies of high-order harmonic generation: Effects of symmetry, degeneracy, and orientation. <i>Physical Review A</i> , 2007, 76, .	1.0	25
101	Molecules in intense xuv pulses: Beyond the dipole approximation in linearly and circularly polarized fields. <i>Physical Review A</i> , 2007, 76, .	1.0	25
102	Structure factors for tunneling ionization rates of diatomic molecules. <i>Atomic Data and Nuclear Data Tables</i> , 2015, 103-104, 4-49.	0.9	25
103	Magnetometry with entangled atomic samples. <i>Physical Review A</i> , 2005, 71, .	1.0	24
104	The N-dimensional Coulomb problem: Stark effect in hyperparabolic and hyperspherical coordinates. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 1097-1104.	0.7	24
105	Spectral and partial-wave decomposition of time-dependent wave functions on a grid: Photoelectron spectra of H and H ₂ in electromagnetic fields. <i>Physical Review A</i> , 2007, 75, .	1.0	24
106	Laser-induced transitions between triply excited hollow states. <i>Physical Review A</i> , 2000, 62, .	1.0	23
107	Three-dimensional time-dependent Hartree-Fock approach for arbitrarily oriented molecular hydrogen in strong electromagnetic fields. <i>Physical Review A</i> , 2007, 76, .	1.0	23
108	Dissociative ionization of H ₂ using intense femtosecond XUV laser pulses. <i>Physical Review A</i> , 2014, 90, .	1.0	23

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109	Theory of low-energy photoelectrons in strong-field ionization by laser pulses with large ellipticity. <i>Physical Review A</i> , 2015, 91, .	1.0	23
110	Geometrical dependence in photoionization of H_2^+ in high-intensity, high-frequency, ultrashort laser pulses. <i>Physical Review A</i> , 2006, 73, .	1.0	22
111	Effects of orientation and alignment in high-order harmonic generation and above-threshold ionization. <i>Physical Review A</i> , 2007, 76, .	1.0	22
112	Strong-field-ionization suppression by light-field control. <i>Physical Review A</i> , 2012, 86, .	1.0	22
113	Crystal-momentum-resolved contributions to multiple plateaus of high-order harmonic generation from band-gap materials. <i>Physical Review A</i> , 2020, 102, .	1.0	22
114	Retardation Effects and the Born-Oppenheimer Approximation: Theory of Tunneling Ionization of Molecules Revisited. <i>Physical Review Letters</i> , 2013, 111, 153003.	2.9	21
115	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, .	1.0	21
116	Nondipole strong-field-approximation Hamiltonian. <i>Physical Review A</i> , 2020, 101, .	1.0	21
117	High-order harmonic generation from polyatomic molecules including nuclear motion and a nuclear modes analysis. <i>Physical Review A</i> , 2010, 81, .	1.0	20
118	Multispecies time-dependent restricted-active-space self-consistent-field theory for ultracold atomic and molecular gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 155302.	0.6	20
119	Effect of multielectron polarization in the strong-field ionization of the oriented CO molecule. <i>Physical Review A</i> , 2020, 101, .	1.0	20
120	Time delays in cold elastic scattering. <i>Journal of Chemical Physics</i> , 2003, 118, 1679-1683.	1.2	19
121	Comment on "Strong-field ionization of laser-irradiated light homonuclear diatomic molecules: A generalized strong-field approximation" combination of atomic orbitals model. <i>Physical Review A</i> , 2006, 73, .	1.0	19
122	Alignment-dependent strong-field ionization yields of carbonyl sulfide molecules induced by mid-infrared laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 205601.	0.6	18
123	Signatures of a Conical Intersection in Attosecond Transient Absorption Spectroscopy. <i>Physical Review Letters</i> , 2018, 121, 023203.	2.9	18
124	Ionization and excitation dynamics of $H(1s)$ in short intense laser pulses. II. <i>Physical Review A</i> , 2002, 66, .	1.0	17
125	Triply excited states: electron-electron correlations in lithium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, R223-R278.	0.6	17
126	Rotational cooling of molecular ions through laser-induced coupling to the collective modes of a two-ion Coulomb crystal. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, S1267-S1280.	0.6	17

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127	Finite-bandwidth effects in strong-field ionization of atoms by few-cycle circularly polarized laser pulses. <i>Physical Review A</i> , 2007, 76, .	1.0	17
128	High-order-harmonic generation from field-distorted orbitals. <i>Physical Review A</i> , 2013, 87, .	1.0	17
129	Attosecond transient-absorption spectroscopy on aligned molecules. <i>Physical Review A</i> , 2016, 94, .	1.0	17
130	Floquet-Bloch shifts in two-band semiconductors interacting with light. <i>Physical Review A</i> , 2017, 95, .	1.0	17
131	Multiphoton intrashell resonances in Rydberg atoms: Bloch-Siegert shifts and widths. <i>Physical Review A</i> , 2004, 69, .	1.0	16
132	Electron-correlation effects in enhanced ionization of molecules: A time-dependent generalized-active-space configuration-interaction study. <i>Physical Review A</i> , 2015, 92, .	1.0	16
133	Sequential and nonsequential double ionization of helium by intense XUV laser pulses: Revealing ac Stark shifts from joint energy spectra. <i>Physical Review A</i> , 2016, 94, .	1.0	16
134	Time-dependent restricted-active-space self-consistent-field theory with space partition. <i>Physical Review A</i> , 2017, 95, .	1.0	16
135	Multiphoton ionization of H ₂ by intense light: A comparison of Floquet and wave-packet results. <i>Physical Review A</i> , 1998, 58, 456-465.	1.0	15
136	From multiphoton to tunnelling ionization of neon and argon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 151001.	0.6	15
137	Strong-field short-pulse nondipole dynamics. <i>Physical Review A</i> , 2009, 80, .	1.0	15
138	Light-induced structures in attosecond transient-absorption spectroscopy of molecules. <i>Physical Review A</i> , 2015, 92, .	1.0	15
139	Inter- and intracycle interference effects in strong-field dissociative ionization. <i>Physical Review A</i> , 2016, 93, .	1.0	15
140	Electron correlation in beryllium: Effects in the ground state, short-pulse photoionization, and time-delay studies. <i>Physical Review A</i> , 2017, 95, .	1.0	15
141	Multielectron polarization effects in strong-field ionization: Narrowing of momentum distributions and imprints in interference structures. <i>Physical Review A</i> , 2018, 98, .	1.0	15
142	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.	0.6	15
143	On selection rules for atoms in laser fields and high harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, L403-L408.	0.6	14
144	Rotational cooling of molecules using lamps. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 4571-4574.	0.6	14

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145	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.	0.6	14
146	Attosecond photoionization dynamics in neon. Physical Review A, 2018, 97, .	1.0	14
147	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.	0.6	13
148	Time-resolved subcycle dynamics: Importance of physical fields and gauge invariance. Physical Review A, 2008, 78, .	1.0	13
149	Laser-induced bound-state phases in high-order-harmonic generation. Physical Review A, 2012, 86, .	1.0	13
150	Ehrenfest's theorem and the validity of the two-step model for strong-field ionization. Physical Review A, 2013, 87, .	1.0	13
151	Asymmetric photoelectron momentum distributions due to quantum interference in strong-field ionization by a few-cycle pulse. Physical Review A, 2014, 89, .	1.0	13
152	Structure factors for tunneling ionization rates of molecules: General Hartree-Fock-based integral representation. Physical Review A, 2017, 96, .	1.0	13
153	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, .	1.0	13
154	Laser-induced Coulomb-explosion imaging of the CS_2 dimer: The effect of non-Coulombic interactions. Physical Review A, 2020, 102, .	1.0	13
155	Effective range theory. American Journal of Physics, 2002, 70, 811-814.	0.3	12
156	Reaction and Scattering in Cold Electron Collisions. Physical Review Letters, 2003, 90, 083201.	2.9	12
157	Dissociative double ionization of H_2 and D_2 . Physical Review A, 2010, 81, .	1.0	12
158	Comparison between experiment and Monte Carlo wave packet calcul. Physical Review A, 2010, 81, . Monte Carlo wave packet approach to dissociative multiple ionization in diatomic molecules. Physical Review A, 2010, 81, .	1.0	12
159	Theory of dissociative tunneling ionization. Physical Review A, 2016, 93, .	1.0	12
160	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, .	1.0	12
161	Structure factors for tunneling ionization rates of molecules: General grid-based methodology and convergence studies. Journal of Chemical Physics, 2018, 149, 164107.	1.2	12
162	Entangled Quantum Dynamics of Many-Body Systems using Bohmian Trajectories. Scientific Reports, 2018, 8, 12704.	1.6	12

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163	A simple test of theories of laser-assisted electron-atom scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 4701-4716.	0.6	11
164	Strong-field ionization of three-dimensionally aligned naphthalene molecules: orbital modification and imprints of orbital nodal planes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 245601.	0.6	11
165	Alignment dependence of photoelectron momentum distributions of atomic and molecular targets probed by few-cycle circularly polarized laser pulses. Physical Review A, 2016, 94, .	1.0	11
166	Analytic modeling of structures in attosecond transient-absorption spectra. Physical Review A, 2017, 96, .	1.0	11
167	The calculation of multiphoton ionization rates of the hydrogen molecular ion. Computer Physics Communications, 1998, 114, 94-119.	3.0	10
168	Efficient excitation of Ps by 50-100 fs laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, L425-L431.	0.6	10
169	Procedures for the evaluation of atomic transition matrix elements in the interaction with laser light. Computer Physics Communications, 1999, 120, 231-237.	3.0	10
170	Correlated Electrons in Lithiumlike Hollow Atoms. Physical Review Letters, 2001, 87, 133002.	2.9	10
171	Secondary-electron cascade in attosecond photoelectron spectroscopy from metals. Physical Review A, 2009, 80, .	1.0	10
172	Coulomb and dipole effects in tunneling ionization of molecules including nuclear motion. Physical Review A, 2015, 91, .	1.0	10
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