

Shih-I Chu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Theoretical study of multiple high-order harmonic generation by intense ultrashort pulsed laser fields: A new generalized pseudospectral time-dependent method. <i>Chemical Physics</i> , 1997, 217, 119-130.	0.9	384
2	Beyond the Floquet theorem: generalized Floquet formalisms and quasienergy methods for atomic and molecular multiphoton processes in intense laser fields. <i>Physics Reports</i> , 2004, 390, 1-131.	10.3	372
3	Recent Developments in Semiclassical Floquet Theories for Intense-Field Multiphoton Processes. <i>Advances in Atomic and Molecular Physics</i> , 1985, , 197-253.	2.0	275
4	Stark ionization in dc and ac fields: An L2 complex-coordinate approach. <i>Physical Review A</i> , 1983, 27, 2946-2970.	1.0	231
5	Intense Field Multiphoton Ionization via Complex Dressed States: Application to the H Atom. <i>Physical Review Letters</i> , 1977, 39, 1195-1198.	2.9	217
6	Efficient many-party controlled teleportation of multiqubit quantum information via entanglement. <i>Physical Review A</i> , 2004, 70, .	1.0	206
7	Probing the spectral and temporal structures of high-order harmonic generation in intense laser pulses. <i>Physical Review A</i> , 2000, 61, .	1.0	188
8	Threshold shift and above-threshold multiphoton ionization of atomic hydrogen in intense laser fields. <i>Physical Review A</i> , 1985, 32, 2769-2775.	1.0	186
9	Density-functional theory with optimized effective potential and self-interaction correction for ground states and autoionizing resonances. <i>Physical Review A</i> , 1997, 55, 3406-3416.	1.0	159
10	Sub-cycle Oscillations in Virtual States Brought to Light. <i>Scientific Reports</i> , 2013, 3, .	1.6	147
11	Time-dependent density-functional theory for strong-field multiphoton processes: Application to the study of the role of dynamical electron correlation in multiple high-order harmonic generation. <i>Physical Review A</i> , 1998, 57, 452-461.	1.0	133
12	Semiclassical many-mode floquet theory. <i>Chemical Physics Letters</i> , 1983, 96, 464-471.	1.2	130
13	Creation and control of a single coherent attosecond xuv pulse by few-cycle intense laser pulses. <i>Physical Review A</i> , 2006, 74, .	1.0	130
14	Generalized pseudospectral methods with mappings for bound and resonance state problems. <i>Chemical Physics Letters</i> , 1993, 204, 381-388.	1.2	120
15	Self-interaction-free time-dependent density-functional theory for molecular processes in strong fields: High-order harmonic generation of H ₂ in intense laser fields. <i>Physical Review A</i> , 2001, 63, .	1.0	110
16	Multiphoton detachment of H ⁺ . II. Intensity-dependent photodetachment rates and threshold behavior—complex-scaling generalized pseudospectral method. <i>Physical Review A</i> , 1994, 50, 3208-3215.	1.0	104
17	Time-dependent density-functional theory for molecular processes in strong fields: Study of multiphoton processes and dynamical response of individual valence electrons of N ₂ in intense laser fields. <i>Physical Review A</i> , 2001, 64, .	1.0	99
18	Effects of multiple electronic shells on strong-field multiphoton ionization and high-order harmonic generation of diatomic molecules with arbitrary orientation: An all-electron time-dependent density-functional approach. <i>Physical Review A</i> , 2009, 80, .	1.0	96

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19	Coherent phase-matched VUV generation by field-controlled bound states. <i>Nature Photonics</i> , 2014, 8, 437-441.	15.6	94
20	Multiphoton ionization and high-order harmonic generation of He, Ne, and Ar atoms in intense pulsed laser fields: Self-interaction-free time-dependent density-functional theoretical approach. <i>Physical Review A</i> , 2001, 64, .	1.0	88
21	Quantum computing with superconducting devices: A three-level SQUID qubit. <i>Physical Review B</i> , 2002, 66, .	1.1	86
22	Ab initio study of the orientation effects in multiphoton ionization and high-order harmonic generation from the ground and excited electronic states of H_2 . <i>Physical Review A</i> , 2007, 76, .	1.0	84
23	Laser-induced molecular stabilization and trapping and chemical bond hardening in intense laser fields. <i>Chemical Physics Letters</i> , 1992, 197, 413-418.	1.2	83
24	Role of the electronic structure and multielectron responses in ionization mechanisms of diatomic molecules in intense short-pulse lasers: An all-electron ab initio study. <i>Physical Review A</i> , 2004, 70, .	1.0	83
25	Generalized Floquet Theoretical Approaches to Intense-Field Multiphoton and Nonlinear Optical Processes. <i>Advances in Chemical Physics</i> , 2007, , 739-799.	0.3	80
26	Rotational excitation of CH^+ by electron impact. <i>Physical Review A</i> , 1974, 10, 788-792.	1.0	79
27	Strong-field ionization of laser-irradiated light homonuclear diatomic molecules: A generalized strong-field approximation as a linear combination of atomic orbitals model. <i>Physical Review A</i> , 2005, 71, .	1.0	78
28	Recent development of self-interaction-free time-dependent density-functional theory for nonperturbative treatment of atomic and molecular multiphoton processes in intense laser fields. <i>Journal of Chemical Physics</i> , 2005, 123, 062207.	1.2	76
29	Semiclassical many-mode Floquet theory. II. Non-linear multiphoton dynamics of a two-level system in a strong bichromatic field. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1984, 17, 2101-2128.	1.6	75
30	Floquet formulation for the investigation of multiphoton quantum interference in a superconducting qubit driven by a strong ac field. <i>Physical Review A</i> , 2009, 79, .	1.0	73
31	Molecular-bond hardening and dynamics of molecular stabilization and trapping in intense laser pulses. <i>Physical Review A</i> , 1993, 48, 485-494.	1.0	69
32	Complex-scaling generalized pseudospectral method for quasienergy resonance states in two-center systems: Application to the Floquet study of charge resonance enhanced multiphoton ionization of molecular ions in intense low-frequency laser fields. <i>Physical Review A</i> , 2000, 63, .	1.0	69
33	Multielectron effects on the orientation dependence and photoelectron angular distribution of multiphoton ionization of CO_2 in intense laser fields. <i>Physical Review A</i> , 2009, 80, .	1.0	67
34	Theory of collision-induced translation-rotation spectra: H_2 -He. <i>Physical Review A</i> , 1984, 29, 595-604.	1.0	64
35	Complex-scaling Fourier-grid Hamiltonian method. III. Oscillatory behavior of complex quasienergies and the stability of negative ions in very intense laser fields. <i>Physical Review A</i> , 1992, 45, 6735-6743.	1.0	64
36	High-order-harmonic generation in homonuclear and heteronuclear diatomic molecules: Exploration of multiple orbital contributions. <i>Physical Review A</i> , 2011, 83, .	1.0	64

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37	Semiclassical many-mode Floquet theory. III. SU(3) dynamical evolution of three-level systems in intense bichromatic fields. <i>Physical Review A</i> , 1985, 31, 659-676.	1.0	59
38	High-order harmonic generation in atomic hydrogen at 248 nm: Dipole-moment versus acceleration spectrum. <i>Physical Review A</i> , 1992, 46, 7322-7324.	1.0	59
39	Exterior complex scaling method in time-dependent density-functional theory: Multiphoton ionization and high-order-harmonic generation of Ar atoms. <i>Physical Review A</i> , 2013, 87, .	1.0	58
40	Time-dependent approach to high-resolution spectroscopy and quantum dynamics of Rydberg atoms in crossed magnetic and electric fields. <i>Physical Review A</i> , 2000, 61, .	1.0	57
41	Ab initio study of high-order harmonic generation of H ₂ in intense laser fields: Time-dependent non-Hermitian Floquet approach. <i>Physical Review A</i> , 2005, 71, .	1.0	57
42	Multiphoton detachment of H ⁻ near the one-photon threshold: Exterior complex-scaling generalized pseudospectral method for complex quasienergy resonances. <i>Physical Review A</i> , 1999, 59, 2864-2874.	1.0	56
43	Generation of isolated sub-20-attosecond pulses from He atoms by two-color midinfrared laser fields. <i>Physical Review A</i> , 2014, 89, .	1.0	54
44	Generation of circularly polarized multiple high-order harmonic emission from two-color crossed laser beams. <i>Physical Review A</i> , 1998, 58, R2656-R2659.	1.0	52
45	Effects of electron structure and multielectron dynamical response on strong-field multiphoton ionization of diatomic molecules with arbitrary orientation: An all-electron time-dependent density-functional-theory approach. <i>Physical Review A</i> , 2009, 79, .	1.0	51
46	Dynamical origin of near- and below-threshold harmonic generation of Cs in an intense mid-infrared laser field. <i>Nature Communications</i> , 2015, 6, 7178.	5.8	51
47	Cyclic quantum evolution and Aharonov-Anandan geometric phases in SU(2) spin-coherent states. <i>Physical Review A</i> , 1990, 41, 42-48.	1.0	49
48	Two-color phase control of high-order harmonic generation in intense laser fields. <i>Physical Review A</i> , 1995, 52, 3988-3996.	1.0	49
49	Quasienergy formalism for intense field multiphoton ionization of atoms induced by circularly polarized radiation. <i>Chemical Physics Letters</i> , 1978, 54, 367-372.	1.2	45
50	Floquet-Liouville supermatrix approach: Time development of density-matrix operator and multiphoton resonance fluorescence spectra in intense laser fields. <i>Physical Review A</i> , 1986, 33, 1798-1816.	1.0	45
51	The complex-scaling Fourier-grid Hamiltonian method for resonance state problems. <i>Chemical Physics Letters</i> , 1990, 167, 155-157.	1.2	45
52	Energy deposition in SO ₂ via intense infrared laser multiphoton excitation. <i>Chemical Physics Letters</i> , 1983, 101, 446-451.	1.2	43
53	Multiphoton detachment of H ⁻ . <i>Physical Review A</i> , 1993, 48, 4654-4663.	1.0	42
54	Probing the origin of elliptical high-order harmonic generation from aligned molecules in linearly polarized laser fields. <i>Physical Review A</i> , 2010, 82, .	1.0	42

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55	Simplified realization of two-qubit quantum phase gate with four-level systems in cavity QED. Physical Review A, 2004, 70, .	1.0	39
56	Effect of electron correlation on high-order-harmonic generation of helium atoms in intense laser fields: Time-dependent generalized pseudospectral approach in hyperspherical coordinates. Physical Review A, 2006, 73, .	1.0	39
57	Role of laser-driven electron-multirescattering in resonance-enhanced below-threshold harmonic generation in He atoms. Physical Review A, 2014, 90, .	1.0	36
58	Coupled dressed-states formalism for multiphoton excitation and population inversion by coherent pulses. Chemical Physics Letters, 1987, 141, 315-322.	1.2	35
59	Relativistic density-functional theory with the optimized effective potential and self-interaction correction: Application to atomic structure calculations($Z=2\hat{e}106$). Physical Review A, 1998, 57, 855-863.	1.0	35
60	Semiclassical many-mode Floquet theory. IV. Coherent population trapping and SU(3) dynamical evolution of dissipative three-level systems in intense bichromatic fields. Physical Review A, 1985, 32, 377-395.	1.0	34
61	Precision calculation of above-threshold multiphoton ionization in intense short-wavelength laser fields: The momentum-space approach and time-dependent generalized pseudospectral method. Physical Review A, 2011, 83, .	1.0	33
62	Density-functional calculations on singly and doubly excited Rydberg states of many-electron atoms. Physical Review A, 2002, 65, .	1.0	31
63	Above-threshold-ionization spectra from the core region of a time-dependent wave packet: An $\langle i \rangle$ ab initio $\langle j \rangle$ time-dependent approach. Physical Review A, 2009, 79, .	1.0	31
64	Dilatation transformation and the Stark-Zeeman effect. Chemical Physics Letters, 1978, 58, 462-466.	1.2	30
65	Classical and quantal nonperturbative treatments of multiphoton and above-threshold ionization. Journal of the Optical Society of America B: Optical Physics, 1987, 4, 720.	0.9	30
66	Floquet formulation of time-dependent density functional theory. Chemical Physics Letters, 1997, 264, 466-476.	1.2	30
67	High-order harmonic generation of heteronuclear diatomic molecules in intense ultrashort laser fields: An all-electron TDDFT study. International Journal of Quantum Chemistry, 2007, 107, 3159-3168.	1.0	30
68	Low-energy structure of above-threshold-ionization electron spectra: Role of the Coulomb threshold effect. Physical Review A, 2011, 83, .	1.0	30
69	Maximum attainable field-free molecular orientation of a thermal ensemble with near-single-cycle THz pulses. Physical Review A, 2013, 87, .	1.0	30
70	Optimal control of high-order harmonics for the generation of an isolated ultrashort attosecond pulse with two-color midinfrared laser fields. Physical Review A, 2015, 91, .	1.0	30
71	High-order harmonic generation of vibrating H_2 and D_2	1.0	30
72	Laser-assisted charge-transfer reactions ($Li_3^{++}H$): Coupled dressed-quasimolecular-state approach. Physical Review A, 1985, 32, 122-133.	1.0	29

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73	Above- and below-threshold high-order-harmonic generation of H^+ in intense elliptically polarized laser fields. <i>Physical Review A</i> , 2014, 89, .	1.0	29
74	Study of the autoionising states of the hydrogen atom in intense magnetic fields by the complex coordinate coupled-channel formalism. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1983, 16, L471-L477.	1.6	27
75	Density matrix formulation of complex geometric quantum phases in dissipative systems. <i>Chemical Physics Letters</i> , 1989, 157, 151-158.	1.2	26
76	Effects of macroscopic propagation on spectra of broadband supercontinuum harmonics and isolated-attosecond-pulse generation: Coherent control of the electron quantum trajectories in two-color laser fields. <i>Physical Review A</i> , 2012, 86, .	1.0	26
77	Spectral and temporal structures of high-order harmonic generation of Na in intense mid-ir laser fields. <i>Physical Review A</i> , 2001, 64, .	1.0	25
78	Nonperturbative treatments of level shifts of excited states and high-order harmonic generation in strong fields. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1990, 7, 425.	0.9	24
79	Mechanism of quasi-phase-matching in a dual-gas multijet array. <i>Physical Review A</i> , 2012, 86, .	1.0	24
80	Photoelectron momentum distributions of the hydrogen atom driven by multicycle elliptically polarized laser pulses. <i>Physical Review A</i> , 2016, 93, .	1.0	24
81	Above-threshold multiphoton detachment from the H^+ ion by $10.6\text{-}\mu\text{m}$ radiation: Angular distributions and partial widths. <i>Physical Review A</i> , 1994, 50, 4099-4108.	1.0	23
82	Above-threshold multiphoton detachment of H^+ by two-color laser fields: Angular distributions and partial rates. <i>Physical Review A</i> , 1995, 51, 4797-4808.	1.0	22
83	Quantum-fluid-dynamics approach for strong-field processes: Application to the study of multiphoton ionization and high-order harmonic generation of He and Ne atoms in intense laser fields. <i>Physical Review A</i> , 2002, 65, .	1.0	22
84	Spin-dependent localized Hartree-Fock density-functional calculation of singly, doubly, and triply excited and Rydberg states of He- and Li-like ions. <i>Physical Review A</i> , 2005, 71, .	1.0	22
85	Fast-kick-off monotonically convergent algorithm for searching optimal control fields. <i>Physical Review A</i> , 2011, 84, .	1.0	22
86	Coherent control of the electron quantum paths for the generation of single ultrashort attosecond laser pulse. <i>Physical Review A</i> , 2011, 84, .	1.0	21
87	A new time-frequency method to reveal quantum dynamics of atomic hydrogen in intense laser pulses: Synchrosqueezing transform. <i>AIP Advances</i> , 2014, 4, 117138.	0.6	21
88	Controlling electron quantum paths for generation of circularly polarized high-order harmonics by H_2^+ subject to tailored (π , 2π) counter-rotating laser fields. <i>Physical Review A</i> , 2018, 97, .	1.0	21
89	A stationary treatment of time-dependent Hamiltonian by the many-mode floquet formalism and its application to the study of effects of laser pulses in multiphoton processes. <i>Chemical Physics Letters</i> , 1994, 225, 46-54.	1.2	20
90	Effect of nuclear vibration on high-order-harmonic generation of aligned H^+ in intense elliptically polarized laser pulses. <i>Physical Review A</i> , 2014, 90, .	1.0	20

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91	Rotational excitation of symmetric-top molecular ions by electron impact. <i>Physical Review A</i> , 1975, 12, 396-405.	1.0	19
92	Semiclassical theory of vibrational collisions in a laser field. <i>Chemical Physics Letters</i> , 1980, 70, 205-209.	1.2	19
93	Electron angular distributions after above-threshold multiphoton detachment of by 1064 nm radiation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 4401-4410.	0.6	19
94	Multiphoton above-threshold detachment of Li^+ : Exterior-complex-scaling generalized-pseudospectral method for calculations of complex-quasienergy resonances in Floquet formulation of time-dependent density-functional theory. <i>Physical Review A</i> , 2002, 66, .	1.0	19
95	Suppression of energy-relaxation-induced decoherence in $\hat{\nu}$ -type three-level SQUID flux qubits: A dark-state approach. <i>Physical Review B</i> , 2004, 70, .	1.1	19
96	<i>Ab initio</i> time-dependent density-functional-theory study of the frequency comb structure, coherence, and dephasing of multielectron systems in the vuv-xuv regimes via high-order harmonic generation. <i>Physical Review A</i> , 2009, 79, .	1.0	19
97	Exploration of laser-driven electron-multirescattering dynamics in high-order harmonic generation. <i>Scientific Reports</i> , 2016, 6, 32763.	1.6	19
98	Quasienergy formalism for photoionization in intense radiation and magnetic fields. <i>Chemical Physics Letters</i> , 1979, 64, 178-182.	1.2	18
99	Complex scaling method for numerical potentials. <i>Chemical Physics Letters</i> , 1982, 87, 357-364.	1.2	18
100	Nonlinear Schrödinger equation and dissipative quantum dynamics in periodic fields. <i>Physical Review A</i> , 1989, 40, 4171-4181.	1.0	18
101	Chemical bond hardening and molecular stabilization of D^2 in one- and two-color laser fields. <i>Chemical Physics Letters</i> , 1994, 227, 663-668.	1.2	18
102	Generation of below-threshold even harmonics by a stretched H_2^+ molecular ion in intense linearly and circularly polarized laser fields. <i>Physical Review A</i> , 2015, 92, .	1.0	18
103	Photoionization dynamics and angular squeezing phenomenon in intense long-wavelength laser fields. <i>Physical Review A</i> , 2011, 83, .	1.0	17
104	Time-dependent approach to high-resolution spectroscopy: application to the photoabsorption spectrum of classically chaotic hydrogen atoms in magnetic fields. <i>Chemical Physics Letters</i> , 1998, 294, 31-36.	1.2	16
105	Generalized Floquet formulation of time-dependent current-density-functional theory. <i>Physical Review A</i> , 1998, 58, 4749-4756.	1.0	16
106	Angular distributions from two-photon detachment of H^+ near ionization threshold: Laser-frequency and -intensity effects. <i>Physical Review A</i> , 2002, 66, .	1.0	16
107	<i>Ab initio</i> theoretical investigation of the frequency comb structure and coherence in the vuv-xuv regimes via high-order harmonic generation. <i>Physical Review A</i> , 2008, 77, .	1.0	16
108	Many-mode Floquet theoretical approach for coherent control of multiphoton dynamics driven by intense frequency-comb laser fields. <i>Physical Review A</i> , 2008, 77, .	1.0	16

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109	Multiphoton above-threshold ionization in superintense free-electron x-ray laser fields: Beyond the dipole approximation. <i>Physical Review A</i> , 2013, 87, .	1.0	16
110	Body-fixed complex-coordinate coupled-channel formalism for rotational predissociation of van der Waals molecules. <i>Chemical Physics Letters</i> , 1982, 88, 213-219.	1.2	15
111	Pressure Broadening and Laser-Induced Spectral Line Shapes. <i>Advances in Atomic and Molecular Physics</i> , 1989, 25, 133-162.	2.0	15
112	Nonperturbative methods for the study of multiphoton dynamics in intense periodic and multi-color laser fields. <i>Computer Physics Communications</i> , 1991, 63, 482-493.	3.0	15
113	Very-high-order harmonic generation from Ar atoms and Ar ⁺ ions in superintense pulsed laser fields: An ab initio self-interaction-free time-dependent density-functional approach. <i>Physical Review A</i> , 2005, 71, .	1.0	15
114	High-order harmonic generation in laser-irradiated homonuclear diatomics: The velocity gauge version of the molecular strong-field approximation. <i>Laser Physics</i> , 2006, 16, 1326-1344.	0.6	15
115	Exploration of strong-field multiphoton double ionization, rescattering, and electron angular distribution of He atoms in intense long-wavelength laser fields: The coupled coherent-state approach. <i>Physical Review A</i> , 2010, 82, .	1.0	15
116	Exploration of the subcycle multiphoton ionization dynamics and transient electron density structures with Bohmian trajectories. <i>Physical Review A</i> , 2015, 91, .	1.0	15
117	Generation of circularly polarized XUV and soft-x-ray high-order harmonics by homonuclear and heteronuclear diatomic molecules subject to bichromatic counter-rotating circularly polarized intense laser fields. <i>Physical Review A</i> , 2017, 96, .	1.0	15
118	Dynamics of multiphoton excitation and quantum diffusion in Rydberg atoms. <i>Physical Review A</i> , 1989, 39, 1800-1808.	1.0	14
119	High-order-harmonic generation of Ar atoms in intense ultrashort laser fields: An all-electron time-dependent density-functional approach including macroscopic propagation effects. <i>Physical Review A</i> , 2013, 88, .	1.0	14
120	Time-dependent density-functional theory with optimized effective potential and self-interaction correction and derivative discontinuity for the treatment of double ionization of He and Be atoms in intense laser fields. <i>Physical Review A</i> , 2013, 87, .	1.0	14
121	Unravelling the dynamical origin of below- and near-threshold harmonic generation of H ₂ ⁺ in an intense NIR laser field. <i>Scientific Reports</i> , 2016, 6, 37774.	1.6	14
122	Enhancement of VUV and EUV generation by field-controlled resonance structures of diatomic molecules. <i>Physical Review A</i> , 2016, 93, .	1.0	14
123	Absorption spectra of superconducting qubits driven by bichromatic microwave fields. <i>Physical Review B</i> , 2017, 96, .	1.1	14
124	Time-Local Equation for the Exact Optimized Effective Potential in Time-Dependent Density Functional Theory. <i>Physical Review Letters</i> , 2017, 118, 243001.	2.9	14
125	Time-dependent density-functional theory with optimized effective potential and self-interaction correction: Application to the study of coherent control of multiple high-order harmonic generation of He atoms in mixed laser fields. <i>International Journal of Quantum Chemistry</i> , 1998, 69, 293-303.	1.0	13
126	Quantum fluid dynamics approach for electronic structure calculation: application to the study of ground-state properties of rare gas atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 2075-2086.	0.6	13

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127	Generation of an isolated few-attosecond pulse in optimized inhomogeneous two-color fields. <i>Physical Review A</i> , 2015, 92, .	1.0	13
128	Multiphoton dynamics and resonance lineshapes in three-level systems: many-mode Floquet treatment. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1985, 18, 4539-4556.	1.6	12
129	High-order above-threshold multiphoton detachment of H ⁺ : time-dependent non-Hermitian Floquet approach. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 1489-1502.	0.6	12
130	Memory effect on the multiphoton coherent destruction of tunneling in the electron transport of nanoscale systems driven by a periodic field: A generalized Floquet approach. <i>Physical Review B</i> , 2009, 79, .	1.1	12
131	A time-dependent momentum-space density functional theoretical approach for electron transport dynamics in molecular devices. <i>Europhysics Letters</i> , 2009, 88, 17008.	0.7	12
132	Subcycle transient structures in time-dependent multiphoton-ionization rates. <i>Physical Review A</i> , 2014, 90, .	1.0	12
133	A graph-theoretical representation of multiphoton resonance processes in superconducting quantum circuits. <i>Scientific Reports</i> , 2016, 6, 37544.	1.6	12
134	Harmonic generation of Li atoms in one- and two-photon Rabi-flopping regimes. <i>Physical Review A</i> , 2016, 94, .	1.0	12
135	Strong field effects in above-threshold detachment of a model negative ion. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, 363-376.	0.6	11
136	Theoretical study of the energy spectra of multiphoton above-threshold dissociation of H ₂ ⁺ in intense laser fields. <i>Chemical Physics Letters</i> , 1996, 255, 223-231.	1.2	11
137	Generalized Floquet theoretical formulation of time-dependent density functional theory for many-electron systems in multicolor laser fields. <i>International Journal of Quantum Chemistry</i> , 1998, 69, 305-315.	1.0	11
138	Exact relations of the quasienergy functional and the exchange-correlation potential from the Floquet formulation of time-dependent density functional theory. <i>Physical Review A</i> , 2000, 63, .	1.0	11
139	Time-frequency analysis of molecular high-harmonic generation spectrum by means of wavelet transform and Wigner distribution techniques. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 4747-4758.	0.6	11
140	Multielectron effects in the photoelectron momentum distribution of noble-gas atoms driven by visible-to-infrared-frequency laser pulses: A time-dependent density-functional-theory approach. <i>Physical Review A</i> , 2017, 95, .	1.0	11
141	Transient absorption spectra of the laser-dressed hydrogen atom. <i>Physical Review A</i> , 2013, 88, .	1.0	10
142	Subcycle dynamics of high-harmonic generation in valence-shell and virtual states of Ar atoms: A self-interaction-free time-dependent density-functional-theory approach. <i>Physical Review A</i> , 2015, 91, .	1.0	10
143	High-order-harmonic generation by Laguerre-Gaussian laser modes: Control of the spectra by manipulating the spatial medium distribution. <i>Physical Review A</i> , 2017, 96, .	1.0	10
144	Conditions for perfect circular polarization of high-order harmonics driven by bichromatic counter-rotating laser fields. <i>Physical Review A</i> , 2019, 99, .	1.0	10

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145	Rotational predissociation of ArH van der Waals complex: space-fixed complex-coordinate coupled-channel calculations. <i>Chemical Physics Letters</i> , 1983, 95, 38-45.	1.2	9
146	Steady-state entanglement in a double-well Bose-Einstein condensate through coupling to a superconducting resonator. <i>Physical Review A</i> , 2011, 84, .	1.0	9
147	Coherent control and giant enhancement of multiphoton ionization and high-order-harmonic generation driven by intense frequency-comb laser fields: An ab initio theoretical investigation. <i>Physical Review A</i> , 2013, 87, .	1.0	9
148	Subcycle dynamics of high-order-harmonic generation of He atoms excited by attosecond pulses and driven by near-infrared laser fields: A self-interaction-free time-dependent density-functional-theory approach. <i>Physical Review A</i> , 2014, 89, .	1.0	9
149	Floquet-liouville super-matrix approach for multiphoton non-linear optical processes in intense laser fields. <i>Chemical Physics Letters</i> , 1985, 122, 327-332.	1.2	8
150	High-order perturbation expansion of non-Hermitian Floquet theory for multiphoton and above-threshold ionization processes. <i>Physical Review A</i> , 1999, 61, .	1.0	8
151	Spin-dependent localized Hartree-Fock density-functional approach for the accurate treatment of inner-shell excitation of closed-shell atoms. <i>Physical Review A</i> , 2007, 75, .	1.0	8
152	Photoelectron momentum distributions of the hydrogen molecular ion driven by multicycle near-infrared laser pulses. <i>Physical Review A</i> , 2016, 94, .	1.0	8
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