

Wilhelm Becker

List of Publications by Year in descending order

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257
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257
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic dichroism in strong-field ionization of atoms subjected to tailored laser fields. Physical Chemistry Chemical Physics, 2022, 24, 7014-7027.	2.8	7
2	Negative-travel-time quantum orbits in strong-field ionization by an elliptically polarized laser field. Physical Review A, 2022, 105, .	2.5	4
3	Extracting photoelectron spectra from the time-dependent wave function. II. Validation of two methods: Projection on plane waves and time-dependent surface flux. Physical Review A, 2022, 105, .	2.5	3
4	High-order harmonic generation by aligned heteronuclear diatomic molecules in an orthogonally polarized two-color laser field. European Physical Journal D, 2021, 75, 1.	1.3	9
5	Electron dynamics in laser-driven atoms near the continuum threshold. Optica, 2021, 8, 765.	9.3	14
6	High-order harmonic generation by planar polyatomic molecules exposed to an orthogonally polarized two-color laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 134004.	1.5	6
7	Symmetries and Selection Rules of the Spectra of Photoelectrons and High-Order Harmonics Generated by Field-Driven Atoms and Molecules. Symmetry, 2021, 13, 1566.	2.2	12
8	Attosecond pulse trains with elliptical polarization from an orthogonally polarized two-color field. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 3367.	2.1	6
9	Application of the Phase-Space Path Integral to Strong-Laser-Field-Assisted Electron-Ion Radiative Recombination: A Gauge-Covariant Formulation. Symmetry, 2020, 12, 1606.	2.2	2
10	High-order harmonic generation by bi-elliptical orthogonally polarized two-color fields. Physical Review A, 2020, 102, .	2.5	26
11	Generation of elliptically polarized soft x rays using high-order harmonic generation with orthogonal two-color laser fields. Journal of Physics: Conference Series, 2020, 1508, 012001.	0.4	6
12	Extracting photoelectron spectra from the time-dependent wave function: Comparison of the projection onto continuum states and window-operator methods. Physical Review A, 2020, 102, .	2.5	22
13	Application of the saddle-point method to strong-laser-field ionization. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 125201.	2.1	29
14	Generation of elliptically polarized high-order harmonics exposing aligned diatomic molecules to orthogonally polarized two-color fields. , 2020, , .		0
15	X-ray harmonic generation by orthogonally polarized two-color fields: Spectral shape and polarization. Physical Review A, 2019, 100, .	2.5	28
16	Strong-Field Ionization of Linear Molecules by a Bichromatic Elliptically Polarized Laser Field with Coplanar Counterrotating or Corotating Components of Different Frequencies. Journal of Physics: Conference Series, 2019, 1206, 012003.	0.4	3
17	Atom-Volkov strong-field approximation for above-threshold ionization. Physical Review A, 2019, 99, .	2.5	12
18	Quantum sources in external fields. Physica Scripta, 2019, 94, 023001.	2.5	5

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19	Quantum dynamics of atomic Rydberg excitation in strong laser fields. Optics Express, 2019, 27, 31629.	3.4	27
20	Channel-closing effects in strong-field ionization by a bicircular field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 054001.	1.5	12
21	Strong-field ionization of linear molecules by a bicircular laser field: Symmetry considerations. Physical Review A, 2018, 97, .	2.5	12
22	Helicity asymmetry in strong-field ionization of atoms by a bicircular laser field. Optics Express, 2018, 26, 12684.	3.4	15
23	The plateau in above-threshold ionization: the keystone of rescattering physics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 162002.	1.5	63
24	Above-threshold ionization in a bicircular field: quantum orbits unfolding in a plane. Journal of Physics: Conference Series, 2017, 826, 012008.	0.4	0
25	Atomic processes in bicircular fields. Journal of Modern Optics, 2017, 64, 971-980.	1.3	21
26	Quantum interference in laser-induced nonsequential double ionization. Physical Review A, 2017, 96, .	2.5	15
27	Electron Rescattering in a Bicircular Laser Field. Journal of Physics: Conference Series, 2017, 826, 012009.	0.4	1
28	Caustics and catastrophes in above-threshold ionization. Physical Review A, 2017, 96, .	2.5	12
29	Wavelength scaling of atomic nonsequential double ionization in intense laser fields. Physical Review A, 2017, 95, .	2.5	19
30	Laser-Induced Inelastic Diffraction from Strong-Field Double Ionization. Physical Review Letters, 2017, 119, 243203.	7.8	24
31	High-order harmonic generation in non-planar molecules driven by a bicircular field. Molecular Physics, 2017, 115, 1750-1757.	1.7	15
32	Unified description of low-order above-threshold ionization on and off axis. Journal of Physics: Conference Series, 2016, 691, 012002.	0.4	2
33	Atomic processes in bicircular fields. Journal of Physics: Conference Series, 2016, 691, 012004.	0.4	0
34	Electron rescattering in a bicircular laser field. Optics Express, 2016, 24, 6413.	3.4	68
35	Coulomb focusing and defocusing in above-threshold-ionization spectra produced by strong mid-IR laser pulses. Physical Review A, 2016, 93, .	2.5	31
36	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. Physical Review A, 2016, 93, .	2.5	100

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37	Improved strong-field approximation and quantum-orbit theory: Application to ionization by a bicircular laser field. <i>Physical Review A</i> , 2016, 93, .	2.5	84
38	Laser stripping of hydrogen atoms by direct ionization. <i>New Journal of Physics</i> , 2015, 17, 053008.	2.9	3
39	Above-threshold ionization for very low electron energy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 151001.	1.5	35
40	Quantum Effects in Double Ionization of Argon below the Threshold Intensity. <i>Physical Review Letters</i> , 2014, 112, 073002.	7.8	73
41	Off-axis low-energy structures in above-threshold ionization. <i>Physical Review A</i> , 2014, 90, .	2.5	67
42	Low-energy electron rescattering in laser-induced ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 204022.	1.5	68
43	Resonancelike enhancement in high-order above-threshold ionization of molecules. <i>Physical Review A</i> , 2013, 88, .	2.5	34
44	Scaling of the Low-Energy Structure in Above-Threshold Ionization in the Tunneling Regime: Theory and Experiment. <i>Physical Review Letters</i> , 2013, 110, 013001.	7.8	71
45	Elliptical Polarization Favors Long Quantum Orbits in High-Order Above-Threshold Ionization of Noble Gases. <i>Physical Review Letters</i> , 2013, 110, 043002.	7.8	33
46	Molecular above-threshold ionization with a circularly polarized laser field. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	10
47	Plasmon-Enhanced Second- and Third-Order Harmonic Generation in Spherical Free-Electron Nanoclusters with Diffuse Surface. <i>Contributions To Plasma Physics</i> , 2013, 53, 662-696.	1.1	2
48	Interference structure of above-threshold ionization versus above-threshold detachment. <i>New Journal of Physics</i> , 2012, 14, 055019.	2.9	49
49	Application of the dressed-bound-state molecular strong-field approximation to above-threshold ionization of heteronuclear molecules: NO vs. CO. <i>Journal of Chemical Physics</i> , 2012, 137, 134307.	3.0	16
50	Plateau structures in laser-assisted and laser-induced processes. <i>Physica Scripta</i> , 2012, T149, 014043.	2.5	1
51	Interference Carpets in Above-Threshold Ionization: From the Coulomb-Free to the Coulomb-Dominated Regime. <i>Physical Review Letters</i> , 2012, 108, 223601.	7.8	94
52	High-order above-threshold ionization with few-cycle laser pulses: Molecular improved strong-field approximation vs. molecular low-frequency approximation. <i>Laser Physics</i> , 2012, 22, 1819-1826.	1.2	3
53	High-order above-threshold ionization of heteronuclear diatomic molecules by a strong laser field with arbitrary polarization. <i>Laser Physics</i> , 2012, 22, 1827-1832.	1.2	3
54	Theories of photoelectron correlation in laser-driven multiple atomic ionization. <i>Reviews of Modern Physics</i> , 2012, 84, 1011-1043.	45.6	453

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55	Dressed-bound-state molecular strong-field approximation: Application to above-threshold ionization of heteronuclear diatomic molecules. <i>Physical Review A</i> , 2011, 84, .	2.5	29
56	David Fisherovich Zaretsky (1926–2010). <i>Laser Physics</i> , 2011, 21, 637-638.	1.2	0
57	High-order above-threshold ionisation of atoms and negative ions: channel-closing effects and the low-frequency approximation. <i>Journal of Modern Optics</i> , 2011, 58, 1149-1157.	1.3	20
58	Low-frequency approximation for high-order above-threshold ionization. <i>Laser Physics</i> , 2010, 20, 573-580.	1.2	15
59	High-order harmonic generation by an intense infrared laser pulse in the presence of a weak UV pulse. <i>Physical Review A</i> , 2010, 81, .	2.5	13
60	Linear and nonlinear light scattering and absorption in free-electron nanoclusters with diffuse surface: General considerations and linear response. <i>Physical Review A</i> , 2010, 81, .	2.5	10
61	Preface: Quo vadis Quantum Optics?. <i>Optics Communications</i> , 2010, 283, 639-640.	2.1	0
62	Multiphoton detachment from a zero-range potential revisited. <i>Optics Communications</i> , 2010, 283, 850-854.	2.1	0
63	Electron Rescattering in Above-Threshold Photodetachment of Negative Ions. <i>Physical Review Letters</i> , 2010, 104, 103004.	7.8	54
64	Strong-field electron spectra of rare-gas atoms in the rescattering regime: enhanced spectral regions and a simulation of the experiment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 015401.	1.5	59
65	High-order harmonic generation in clusters irradiated by an infrared laser field of moderate intensity. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 105402.	1.5	26
66	Laser absorption and third-harmonic generation in free-electron nanofilms. <i>Physical Review B</i> , 2009, 79, .	3.2	6
67	Two-Source Double-Slit Interference in Angle-Resolved High-Energy Above-Threshold Ionization Spectra of Diatoms. <i>Physical Review Letters</i> , 2009, 103, 043001.	7.8	90
68	Strong-field approximation for high-order above-threshold ionization of randomly oriented diatomic molecules. <i>Chemical Physics</i> , 2009, 366, 85-90.	1.9	12
69	New results in above-threshold ionization and high-order harmonic generation of atomic and molecular systems. <i>Laser Physics</i> , 2009, 19, 185-190.	1.2	14
70	A gauge-covariant derivation of the strong-field approximation. <i>Laser Physics</i> , 2009, 19, 1621-1625.	1.2	9
71	Capture into rydberg states and momentum distributions of ionized electrons. <i>Laser Physics</i> , 2009, 19, 1550-1558.	1.2	101
72	High-order above-threshold ionization beyond the first-order Born approximation. <i>Physical Review A</i> , 2009, 79, .	2.5	66

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73	Atoms and Molecules in a Strong Laser Field. Acta Physica Polonica A, 2009, 116, 516-518.	0.5	2
74	Strong-field approximation for ionization of a diatomic molecule by a strong laser field. II. The role of electron rescattering off the molecular centers. Physical Review A, 2008, 78, .	2.5	74
75	Wavelength dependence of channel-closing enhancements in high-order above-threshold ionization and harmonic generation. Journal of Modern Optics, 2008, 55, 2653-2663.	1.3	24
76	Attosecond electron thermalization in laser-induced nonsequential multiple ionization: hard versus glancing collisions. New Journal of Physics, 2008, 10, 025010.	2.9	6
77	Many-electron strong-field physics. Contemporary Physics, 2008, 49, 199-223.	1.8	57
78	Ellipticity effects and the contributions of long orbits in nonsequential double ionization of atoms. Physical Review A, 2008, 77, .	2.5	62
79	Angle-Resolved High-Order Above-Threshold Ionization of a Molecule: Sensitive Tool for Molecular Characterization. Physical Review Letters, 2008, 100, 203003.	7.8	109
80	Angle-resolved high-order above-threshold ionization spectra for N_2 and O_2 : measurements and the strong-field approximation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 201004.	1.5	39
81	Two-dimensional streaking: complete characterization of an arbitrarily polarized few-cycle laser pulse using a stereodetector technique. Optics Letters, 2007, 32, 1372.	3.3	5
82	Exact Solution for Sub-cycle Pulsed Focused Vector Beams. , 2007, , .		0
83	Interference effects in above-threshold ionization from diatomic molecules: Determining the internuclear separation. Physical Review A, 2007, 76, .	2.5	40
84	Intensity-dependent enhancements in high-order above-threshold ionization. Physical Review A, 2007, 76, .	2.5	74
85	Dressed-state strong-field approximation for laser-induced molecular ionization. Physical Review A, 2007, 76, .	2.5	54
86	Above-threshold detachment by a two-color bicircular laser field. Laser Physics Letters, 2007, 4, 279-286.	1.4	59
87	Reconstruction of an arbitrarily polarized few-cycle laser pulse by two-dimensional streaking. Laser Physics Letters, 2007, 4, 726-733.	1.4	8
88	Gauge dependence of the strong-field approximation: Theory vs. experiment for photodetachment of F_2 . Optics Communications, 2007, 275, 116-122.	2.1	17
89	Simulation of above-threshold ionization experiments using the strong-field approximation. Laser Physics, 2007, 17, 376-389.	1.2	63
90	S-Matrix Theory of Nonsequential Double Ionization. Springer Series in Chemical Physics, 2007, , 65-93.	0.2	2

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91	On the validity of the strong field approximation and simple man's theory. Journal of Modern Optics, 2006, 53, 135-147.	1.3	40
92	Subcycle Pulsed Focused Vector Beams. Physical Review Letters, 2006, 97, 253902.	7.8	89
93	Above-threshold ionization by few-cycle pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, R203-R262.	1.5	621
94	Quantum-orbit theory of high-order atomic processes in intense laser fields. Journal of Modern Optics, 2006, 53, 125-134.	1.3	75
95	High-order harmonic generation in a tightly focused laser beam. Optics Letters, 2006, 31, 2163.	3.3	21
96	Attosecond electron thermalization by laser-driven electron recollision in atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, L305-L311.	1.5	33
97	A method of carrier-envelope phase control for few-cycle laser pulses. Laser Physics Letters, 2006, 3, 200-204.	1.4	22
98	Third harmonic generation by small metal clusters in a dielectric medium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4933-4943.	1.5	10
99	X-ray generation in laser-heated cluster beams. Physical Review A, 2006, 74, .	2.5	13
100	Classical aspects of laser-induced non-sequential double ionization above and below the threshold. Journal of Modern Optics, 2006, 53, 193-206.	1.3	8
101	Collisionless heating of a nanoplasma in laser-irradiated clusters. Laser Physics Letters, 2005, 2, 452-458.	1.4	17
102	Ionization by few-cycle pulses: Tracing the electron orbits. Physical Review A, 2005, 71, .	2.5	55
103	Attosecond Double-Slit Experiment. Physical Review Letters, 2005, 95, 040401.	7.8	363
104	Attosecond pulse generation by bicircular fields: from pulse trains to a single pulse. Journal of Modern Optics, 2005, 52, 233-241.	1.3	39
105	Strong-field approximation for intense-laser-atom processes: The choice of gauge. Physical Review A, 2005, 72, .	2.5	158
106	Classical molecular-dynamics simulations of laser-irradiated clusters: Nonlinear electron dynamics and resonance-enhanced low-order harmonic generation. Physical Review A, 2005, 71, .	2.5	52
107	Classical modelling of the nonlinear properties of clusters in strong low-frequency laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, L175-L182.	1.5	18
108	Landau damping in thin films irradiated by a strong laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 4817-4830.	1.5	25

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109	Electron-electron dynamics in laser-induced nonsequential double ionization. Physical Review A, 2004, 69, .	2.5	83
110	Coulomb repulsion and quantum-classical correspondence in laser-induced nonsequential double ionization. Physical Review A, 2004, 69, .	2.5	44
111	X-ray emission by clusters in a strong electromagnetic field. Physical Review A, 2004, 69, .	2.5	14
112	High-energy above-threshold detachment from negative ions. Physical Review A, 2004, 70, .	2.5	70
113	Metering the absolute phase of a few-cycle pulse via its high-order above-threshold ionization spectrum. Laser Physics Letters, 2004, 1, 93-99.	1.4	28
114	Phase-Controlled Single-Cycle Strong-Field Photoionization. Physica Scripta, 2004, 110, 120.	2.5	15
115	Nonsequential double ionization: the simple man's S-matrix description. , 2004, , .		0
116	High-order above-threshold ionization with few-cycle pulse: a meter of the absolute phase. Optics Express, 2003, 11, 1418.	3.4	120
117	Nonlinear excitation of the Mie resonance in a laser-irradiated cluster. Optics Express, 2003, 11, 2433.	3.4	26
118	Relativistic high-order harmonic generation. Journal of Modern Optics, 2003, 50, 375-386.	1.3	4
119	Laser-induced nonlinear excitation of collective electron motion in a cluster. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 3817-3834.	1.5	67
120	A closer look at electron-electron correlation in laser-induced non-sequential double ionization. Journal of Modern Optics, 2003, 50, 423-440.	1.3	1
121	Direct and rescattered electrons in above-threshold detachment from negative ions. Physical Review A, 2003, 68, .	2.5	63
122	Classical cutoffs for laser-induced nonsequential double ionization. Physical Review A, 2003, 68, .	2.5	23
123	Quantum Orbits: A Spaceâ€Time Picture of Intense-Laser-Induced Processes in Atoms. Physica Scripta, 2003, 68, C76-C81.	2.5	1
124	Relativistic high-order harmonic generation. Journal of Modern Optics, 2003, 50, 375-386.	1.3	0
125	Quantum Orbits and Laser-Induced Nonsequential Double Ionization. Springer Series on Atomic, Optical, and Plasma Physics, 2003, , 185-204.	0.2	0
126	A closer look at electron-electron correlation in laser-induced non-sequential double ionization. Journal of Modern Optics, 2003, 50, 423-440.	1.3	1

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127	Delay-Dependent Amplification of a Probe Pulse via Stimulated Rayleigh Scattering. Physical Review Letters, 2002, 88, 213001.	7.8	0
128	Publisher's Note: Phase-Dependent Effects of a Few-Cycle Laser Pulse [Phys. Rev. Lett.89, 153001 (2002)]. Physical Review Letters, 2002, 89, .	7.8	2
129	Phase-Dependent Effects of a Few-Cycle Laser Pulse. Physical Review Letters, 2002, 89, 153001.	7.8	123
130	Resonant enhancements of high-order harmonic generation. Physical Review A, 2002, 65, .	2.5	89
131	Nontunnelling high-order harmonics from ultra-intense laser-driven tightly bound systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 627-650.	1.5	23
132	Quantum orbits: a space-time picture of intense-laser-induced processes in atoms. Journal of Modern Optics, 2002, 49, 1987-1999.	1.3	9
133	High-order above-threshold ionization: The uniform approximation and the effect of the binding potential. Physical Review A, 2002, 66, .	2.5	124
134	Role of long quantum orbits in high-order harmonic generation. Physical Review A, 2002, 66, .	2.5	168
135	Laser-Induced Recollision Phenomena: Interference Resonances at Channel Closings. Physical Review Letters, 2002, 89, 023001.	7.8	78
136	Above-Threshold Ionization: From Classical Features to Quantum Effects. Advances in Atomic, Molecular and Optical Physics, 2002, 48, 35-98.	2.3	706
137	Channel-closing effects in high-order above-threshold ionization and high-order harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 217-232.	1.5	133
138	Introduction. Optics Express, 2001, 8, 351.	3.4	0
139	Feynman's Path-Integral Approach for Intense-Laser-Atom Interactions. Science, 2001, 292, 902-905.	12.6	621
140	Quantum Orbits in Intense-Laser Atom Physics. Lecture Notes in Physics, 2001, , 294-309.	0.7	0
141	Channel-closing-induced resonances in the above-threshold ionization plateau. Physical Review A, 2001, 64, .	2.5	113
142	High-efficiency high-order harmonic generation without tunneling. Physical Review A, 2001, 64, .	2.5	15
143	Electron-electron correlation in laser-induced nonsequential double ionization. Physical Review A, 2001, 64, .	2.5	67
144	Amplification of high-order harmonics in a short laser pulse by stimulated interaction. Physical Review A, 2001, 64, .	2.5	5

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145	Nonsequential Double Ionization: A Minimal-Correlation Approach. , 2001, , 67-77.		0
146	Collective multi-electron tunneling ionization in strong fields. AIP Conference Proceedings, 2000, , .	0.4	0
147	Quantum paths in above-threshold ionization for elliptical polarization. AIP Conference Proceedings, 2000, , .	0.4	0
148	The gain of high harmonics in an atomic jet and in a hollow-core fiber. Optics Communications, 2000, 183, 289-297.	2.1	5
149	Quantum path analysis of high-order above-threshold ionization. Optics Communications, 2000, 179, 39-50.	2.1	90
150	The Wigner function for tunneling in a uniform static electric field. Optics Communications, 2000, 179, 29-38.	2.1	38
151	Strong-field non-sequential ionization: The vector momentum distribution of multiply charged Ne ions. AIP Conference Proceedings, 2000, , .	0.4	0
152	Rescattering Processes for Elliptical Polarization: A Quantum Trajectory Analysis. Physical Review Letters, 2000, 84, 3831-3834.	7.8	146
153	Generation of circularly polarized high-order harmonics by two-color coplanar field mixing. Physical Review A, 2000, 61, .	2.5	285
154	Above-Threshold Ionization by an Elliptically Polarized Field: Interplay between Electronic Quantum Trajectories. Physical Review Letters, 2000, 84, 3791-3794.	7.8	87
155	Collective Multielectron Tunneling Ionization in Strong Fields. Physical Review Letters, 2000, 84, 3550-3553.	7.8	83
156	Quantum-mechanical model for ultrahigh-order harmonic generation in the moderately relativistic regime. Physical Review A, 2000, 63, .	2.5	70
157	Routes to Nonsequential Double Ionization. Physical Review Letters, 2000, 85, 3781-3784.	7.8	206
158	Attosecond pulse trains with unusual nonlinear polarization. Physical Review A, 2000, 62, .	2.5	133
159	Interference in high-order above-threshold ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, L419-L424.	1.5	36
160	Time-frequency analysis of two-color high-harmonic generation. Physical Review A, 1999, 60, 1377-1384.	2.5	54
161	Schemes for the generation of circularly polarized high-order harmonics by two-color mixing. Physical Review A, 1999, 60, 1721-1722.	2.5	46
162	Interference Structures in High-Order Above-Threshold Ionization. , 1999, , .		0

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163	Model calculations of high-harmonic generation in molecular ions. Physical Review A, 1998, 58, 4022-4038.	2.5	97
164	Above-Threshold Ionization by an Elliptically Polarized Field: Quantum Tunneling Interferences and Classical Dodging. Physical Review Letters, 1998, 80, 484-487.	7.8	128
165	Three-dimensional tunneling in quantum ballistic motion. American Journal of Physics, 1998, 66, 38-48.	0.7	58
166	A unified theory of high-harmonic generation: Application to polarization properties of the harmonics. Physical Review A, 1997, 56, 645-656.	2.5	124
167	Nonperturbative Behavior of Higher-Harmonic Production in a Model Atom. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1997, 52, 105-107.	1.5	0
168	Above-threshold ionization in the tunneling regime. Physical Review A, 1997, 55, R4003-R4006.	2.5	143
169	Dynamics of electronic wave packets in field emission and intense-field laser-atom physics. Physical Review A, 1996, 54, R1022-R1025.	2.5	28
170	Quantum and Classical Mechanics of Rescattering Effects In High-Order Above-Threshold Ionization and High-Harmonic Generation. , 1996, , 109-121.		0
171	Driven particle in an infinite square well: Representation and breakdown of the invariant tori in a multiple-resonance case. Physical Review E, 1995, 51, 1935-1947.	2.1	5
172	Polarization-dependent high-order two-color mixing. Physical Review A, 1995, 51, R3414-R3417.	2.5	337
173	Model calculations of polarization-dependent two-color high-harmonic generation. Physical Review A, 1995, 52, 2262-2278.	2.5	250
174	Classical rescattering effects in two-color above-threshold ionization. Physical Review A, 1995, 52, 4043-4053.	2.5	99
175	Light at the end of the tunnel: two- and three-step models in intense-field laser-atom physics. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1995, 7, 423-448.	0.9	57
176	Keldysh-like expansion for above-threshold ionization. Physical Review A, 1994, 49, 1131-1140.	2.5	14
177	Modeling harmonic generation by a zero-range potential. Physical Review A, 1994, 50, 1540-1560.	2.5	248
178	Effects of rescattering on above-threshold ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, L325-L332.	1.5	117
179	Rescattering effects in above-threshold ionization: a classical model. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, L703-L708.	1.5	446
180	Interplay between above-threshold multiphoton detachment and higher-harmonic generation. Physical Review A, 1992, 46, R5334-R5337.	2.5	29

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181	Quantum electrodynamics in intense laser fields. Laser and Particle Beams, 1991, 9, 603-618.	1.0	21
182	Hamiltonian Chaos in a Laser Damage Model. , 1991, , 43-57.		0
183	Polarization effects in two-colour photodetachment of negative ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 1990, 23, L753-L759.	1.5	9
184	Short-range potential model for multiphoton detachment of the H^{-} ion. Physical Review A, 1990, 42, 4416-4419.	2.5	35
185	Higher-harmonic production in a model atom with short-range potential. Physical Review A, 1990, 41, 4112-4115.	2.5	145
186	LASER ASSISTED ELECTRON EMISSION PROCESSES IN ATOMIC AND NUCLEAR PHYSICS. Advances in Multi-photon Processes and Spectroscopy, 1990, , 110-159.	0.6	0
187	Total multiphoton-ionization rates for an extremely short-ranged potential. Physical Review A, 1989, 40, 6904-6912.	2.5	50
188	Testing the photon-photon sector of quantum electrodynamics with free-electron lasers. Journal of the Optical Society of America B: Optical Physics, 1989, 6, 1083.	2.1	13
189	Madey's theorems for free-electron devices, spontaneous emission, and applications. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1988, 7, 353-372.	1.0	13
190	Scattering of light by light: Possible experimental detection. Physical Review A, 1988, 38, 4891-4894.	2.5	10
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