

Wilhelm Becker

List of Publications by Year in descending order

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251
papers

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19608

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257
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	Above-Threshold Ionization: From Classical Features to Quantum Effects. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2002, 48, 35-98.	2.3	706
2	Feynman's Path-Integral Approach for Intense-Laser-Atom Interactions. <i>Science</i> , 2001, 292, 902-905.	6.0	621
3	Above-threshold ionization by few-cycle pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, R203-R262.	0.6	621
4	Theories of photoelectron correlation in laser-driven multiple atomic ionization. <i>Reviews of Modern Physics</i> , 2012, 84, 1011-1043.	16.4	453
5	Rescattering effects in above-threshold ionization: a classical model. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, L703-L708.	0.6	446
6	Attosecond Double-Slit Experiment. <i>Physical Review Letters</i> , 2005, 95, 040401.	2.9	363
7	Polarization-dependent high-order two-color mixing. <i>Physical Review A</i> , 1995, 51, R3414-R3417.	1.0	337
8	Generation of circularly polarized high-order harmonics by two-color coplanar field mixing. <i>Physical Review A</i> , 2000, 61, .	1.0	285
9	Model calculations of polarization-dependent two-color high-harmonic generation. <i>Physical Review A</i> , 1995, 52, 2262-2278.	1.0	250
10	Modeling harmonic generation by a zero-range potential. <i>Physical Review A</i> , 1994, 50, 1540-1560.	1.0	248
11	Routes to Nonsequential Double Ionization. <i>Physical Review Letters</i> , 2000, 85, 3781-3784.	2.9	206
12	Role of long quantum orbits in high-order harmonic generation. <i>Physical Review A</i> , 2002, 66, .	1.0	168
13	Strong-field approximation for intense-laser-atom processes: The choice of gauge. <i>Physical Review A</i> , 2005, 72, .	1.0	158
14	Rescattering Processes for Elliptical Polarization: A Quantum Trajectory Analysis. <i>Physical Review Letters</i> , 2000, 84, 3831-3834.	2.9	146
15	Higher-harmonic production in a model atom with short-range potential. <i>Physical Review A</i> , 1990, 41, 4112-4115.	1.0	145
16	Above-threshold ionization in the tunneling regime. <i>Physical Review A</i> , 1997, 55, R4003-R4006.	1.0	143
17	Attosecond pulse trains with unusual nonlinear polarization. <i>Physical Review A</i> , 2000, 62, .	1.0	133
18	Channel-closing effects in high-order above-threshold ionization and high-order harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 217-232.	0.6	133

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19	Above-Threshold Ionization by an Elliptically Polarized Field: Quantum Tunneling Interferences and Classical Dodging. <i>Physical Review Letters</i> , 1998, 80, 484-487.	2.9	128
20	A unified theory of high-harmonic generation: Application to polarization properties of the harmonics. <i>Physical Review A</i> , 1997, 56, 645-656.	1.0	124
21	High-order above-threshold ionization: The uniform approximation and the effect of the binding potential. <i>Physical Review A</i> , 2002, 66, .	1.0	124
22	Phase-Dependent Effects of a Few-Cycle Laser Pulse. <i>Physical Review Letters</i> , 2002, 89, 153001.	2.9	123
23	High-order above-threshold ionization with few-cycle pulse: a meter of the absolute phase. <i>Optics Express</i> , 2003, 11, 1418.	1.7	120
24	Effects of rescattering on above-threshold ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, L325-L332.	0.6	117
25	Channel-closing-induced resonances in the above-threshold ionization plateau. <i>Physical Review A</i> , 2001, 64, .	1.0	113
26	Angle-Resolved High-Order Above-Threshold Ionization of a Molecule: Sensitive Tool for Molecular Characterization. <i>Physical Review Letters</i> , 2008, 100, 203003.	2.9	109
27	Capture into rydberg states and momentum distributions of ionized electrons. <i>Laser Physics</i> , 2009, 19, 1550-1558.	0.6	101
28	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. <i>Physical Review A</i> , 2016, 93, .	1.0	100
29	Classical rescattering effects in two-color above-threshold ionization. <i>Physical Review A</i> , 1995, 52, 4043-4053.	1.0	99
30	Model calculations of high-harmonic generation in molecular ions. <i>Physical Review A</i> , 1998, 58, 4022-4038.	1.0	97
31	Interference Carpets in Above-Threshold Ionization: From the Coulomb-Free to the Coulomb-Dominated Regime. <i>Physical Review Letters</i> , 2012, 108, 223601.	2.9	94
32	Quantum path analysis of high-order above-threshold ionization. <i>Optics Communications</i> , 2000, 179, 39-50.	1.0	90
33	Two-Source Double-Slit Interference in Angle-Resolved High-Energy Above-Threshold Ionization Spectra of Diatoms. <i>Physical Review Letters</i> , 2009, 103, 043001.	2.9	90
34	Resonant enhancements of high-order harmonic generation. <i>Physical Review A</i> , 2002, 65, .	1.0	89
35	Subcycle Pulsed Focused Vector Beams. <i>Physical Review Letters</i> , 2006, 97, 253902.	2.9	89
36	Above-Threshold Ionization by an Elliptically Polarized Field: Interplay between Electronic Quantum Trajectories. <i>Physical Review Letters</i> , 2000, 84, 3791-3794.	2.9	87

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37	Generation of Squeezed Coherent States via a Free-Electron Laser. <i>Physical Review Letters</i> , 1982, 48, 475-477.	2.9	86
38	Improved strong-field approximation and quantum-orbit theory: Application to ionization by a bicircular laser field. <i>Physical Review A</i> , 2016, 93, .	1.0	84
39	Collective Multielectron Tunneling Ionization in Strong Fields. <i>Physical Review Letters</i> , 2000, 84, 3550-3553.	2.9	83
40	Electron-electron dynamics in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2004, 69, .	1.0	83
41	Laser-Induced Recollision Phenomena: Interference Resonances at Channel Closings. <i>Physical Review Letters</i> , 2002, 89, 023001.	2.9	78
42	Quantum-orbit theory of high-order atomic processes in intense laser fields. <i>Journal of Modern Optics</i> , 2006, 53, 125-134.	0.6	75
43	Intensity-dependent enhancements in high-order above-threshold ionization. <i>Physical Review A</i> , 2007, 76, .	1.0	74
44	Strong-field approximation for ionization of a diatomic molecule by a strong laser field. II. The role of electron rescattering off the molecular centers. <i>Physical Review A</i> , 2008, 78, .	1.0	74
45	Quantum Effects in Double Ionization of Argon below the Threshold Intensity. <i>Physical Review Letters</i> , 2014, 112, 073002.	2.9	73
46	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.	2.9	71
47	Quantum-mechanical model for ultrahigh-order harmonic generation in the moderately relativistic regime. <i>Physical Review A</i> , 2000, 63, .	1.0	70
48	High-energy above-threshold detachment from negative ions. <i>Physical Review A</i> , 2004, 70, .	1.0	70
49	Vacuum polarization in laser fields. <i>Journal of Physics A</i> , 1975, 8, 1638-1657.	1.6	69
50	Low-energy electron rescattering in laser-induced ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 204022.	0.6	68
51	Electron rescattering in a bicircular laser field. <i>Optics Express</i> , 2016, 24, 6413.	1.7	68
52	Electron-electron correlation in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2001, 64, .	1.0	67
53	Laser-induced nonlinear excitation of collective electron motion in a cluster. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3817-3834.	0.6	67
54	Off-axis low-energy structures in above-threshold ionization. <i>Physical Review A</i> , 2014, 90, .	1.0	67

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55	High-order above-threshold ionization beyond the first-order Born approximation. <i>Physical Review A</i> , 2009, 79, .	1.0	66
56	Fully quantized many-particle theory of a free-electron laser. <i>Physical Review A</i> , 1983, 27, 1030-1043.	1.0	64
57	Direct and rescattered electrons in above-threshold detachment from negative ions. <i>Physical Review A</i> , 2003, 68, .	1.0	63
58	Simulation of above-threshold ionization experiments using the strong-field approximation. <i>Laser Physics</i> , 2007, 17, 376-389.	0.6	63
59	The plateau in above-threshold ionization: the keystone of rescattering physics. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 162002.	0.6	63
60	Ellipticity effects and the contributions of long orbits in nonsequential double ionization of atoms. <i>Physical Review A</i> , 2008, 77, .	1.0	62
61	Final-state effects in above-threshold ionisation. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986, 19, L785-L792.	1.6	61
62	Above-threshold detachment by a two-color bicircular laser field. <i>Laser Physics Letters</i> , 2007, 4, 279-286.	0.6	59
63	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.	0.6	59
64	Three-dimensional tunneling in quantum ballistic motion. <i>American Journal of Physics</i> , 1998, 66, 38-48.	0.3	58
65	Light at the end of the tunnel: two- and three-step models in intense-field laser-atom physics. <i>Quantum and Semiclassical Optics: Journal of the European Optical Society Part B</i> , 1995, 7, 423-448.	1.0	57
66	Many-electron strong-field physics. <i>Contemporary Physics</i> , 2008, 49, 199-223.	0.8	57
67	Ionization by few-cycle pulses: Tracing the electron orbits. <i>Physical Review A</i> , 2005, 71, .	1.0	55
68	Photon statistics of a free-electron laser. <i>Physical Review A</i> , 1982, 25, 2200-2207.	1.0	54
69	Time-frequency analysis of two-color high-harmonic generation. <i>Physical Review A</i> , 1999, 60, 1377-1384.	1.0	54
70	Dressed-state strong-field approximation for laser-induced molecular ionization. <i>Physical Review A</i> , 2007, 76, .	1.0	54
71	Electron Rescattering in Above-Threshold Photodetachment of Negative Ions. <i>Physical Review Letters</i> , 2010, 104, 103004.	2.9	54
72	Classical molecular-dynamics simulations of laser-irradiated clusters: Nonlinear electron dynamics and resonance-enhanced low-order harmonic generation. <i>Physical Review A</i> , 2005, 71, .	1.0	52

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73	Total multiphoton-ionization rates for an extremely short-ranged potential. <i>Physical Review A</i> , 1989, 40, 6904-6912.	1.0	50
74	Interference structure of above-threshold ionization versus above-threshold detachment. <i>New Journal of Physics</i> , 2012, 14, 055019.	1.2	49
75	Schemes for the generation of circularly polarized high-order harmonics by two-color mixing. <i>Physical Review A</i> , 1999, 60, 1721-1722.	1.0	46
76	Coulomb repulsion and quantum-classical correspondence in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2004, 69, .	1.0	44
77	Photon statistics of the free-electron-laser startup. <i>Physical Review A</i> , 1983, 28, 1838-1840.	1.0	40
78	On the validity of the strong field approximation and simple man's theory. <i>Journal of Modern Optics</i> , 2006, 53, 135-147.	0.6	40
79	Interference effects in above-threshold ionization from diatomic molecules: Determining the internuclear separation. <i>Physical Review A</i> , 2007, 76, .	1.0	40
80	Attosecond pulse generation by bicircular fields: from pulse trains to a single pulse. <i>Journal of Modern Optics</i> , 2005, 52, 233-241.	0.6	39
81	Angle-resolved high-order above-threshold ionization spectra for $N_{₂}$ and $O_{₂}$: measurements and the strong-field approximation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 201004.	0.6	39
82	The Wigner function for tunneling in a uniform static electric field. <i>Optics Communications</i> , 2000, 179, 29-38.	1.0	38
83	Interference in high-order above-threshold ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, L419-L424.	0.6	36
84	Short-range potential model for multiphoton detachment of the $H\tilde{a}^+$ ion. <i>Physical Review A</i> , 1990, 42, 4416-4419.	1.0	35
85	Above-threshold ionization for very low electron energy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 151001.	0.6	35
86	Resonancelike enhancement in high-order above-threshold ionization of molecules. <i>Physical Review A</i> , 2013, 88, .	1.0	34
87	Attosecond electron thermalization by laser-driven electron recollision in atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, L305-L311.	0.6	33
88	Elliptical Polarization Favors Long Quantum Orbits in High-Order Above-Threshold Ionization of Noble Gases. <i>Physical Review Letters</i> , 2013, 110, 043002.	2.9	33
89	Multiphoton analysis of the free electron laser. <i>Optics Communications</i> , 1980, 33, 69-74.	1.0	32
90	Relativistic charged particles in the field of an electromagnetic plane wave in a medium. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1977, 87, 601-613.	1.2	31

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91	Coulomb focusing and defocusing in above-threshold-ionization spectra produced by strong mid-IR laser pulses. <i>Physical Review A</i> , 2016, 93, .	1.0	31
92	Interplay between above-threshold multiphoton detachment and higher-harmonic generation. <i>Physical Review A</i> , 1992, 46, R5334-R5337.	1.0	29
93	Dressed-bound-state molecular strong-field approximation: Application to above-threshold ionization of heteronuclear diatomic molecules. <i>Physical Review A</i> , 2011, 84, .	1.0	29
94	Application of the saddle-point method to strong-laser-field ionization. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 125201.	0.7	29
95	Dynamics of electronic wave packets in field emission and intense-field laser-atom physics. <i>Physical Review A</i> , 1996, 54, R1022-R1025.	1.0	28
96	Metering the absolute phase of a few-cycle pulse via its high-order above-threshold ionization spectrum. <i>Laser Physics Letters</i> , 2004, 1, 93-99.	0.6	28
97	X-ray harmonic generation by orthogonally polarized two-color fields: Spectral shape and polarization. <i>Physical Review A</i> , 2019, 100, .	1.0	28
98	Quantum dynamics of atomic Rydberg excitation in strong laser fields. <i>Optics Express</i> , 2019, 27, 31629.	1.7	27
99	Laser Enhancement of Nuclear ² Decay. <i>Physical Review Letters</i> , 1981, 47, 1262-1266.	2.9	26
100	Nonlinear excitation of the Mie resonance in a laser-irradiated cluster. <i>Optics Express</i> , 2003, 11, 2433.	1.7	26
101	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.	0.6	26
102	High-order harmonic generation by bi-elliptical orthogonally polarized two-color fields. <i>Physical Review A</i> , 2020, 102, .	1.0	26
103	Quantum theory of stimulated ÅEerenkov radiation. <i>Physical Review A</i> , 1982, 25, 956-963.	1.0	25
104	Landau damping in thin films irradiated by a strong laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 4817-4830.	0.6	25
105	Wavelength dependence of channel-closing enhancements in high-order above-threshold ionization and harmonic generation. <i>Journal of Modern Optics</i> , 2008, 55, 2653-2663.	0.6	24
106	Laser-Induced Inelastic Diffraction from Strong-Field Double Ionization. <i>Physical Review Letters</i> , 2017, 119, 243203.	2.9	24
107	Nontunnelling high-order harmonics from ultra-intense laser-driven tightly bound systems. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 627-650.	0.6	23
108	Classical cutoffs for laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2003, 68, .	1.0	23

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109	A method of carrier-envelope phase control for few-cycle laser pulses. <i>Laser Physics Letters</i> , 2006, 3, 200-204.	0.6	22
110	Extracting photoelectron spectra from the time-dependent wave function: Comparison of the projection onto continuum states and window-operator methods. <i>Physical Review A</i> , 2020, 102, .	1.0	22
111	Modification of the quasi-levels of an electron in a laser field due to radiative corrections. <i>Journal of Physics A</i> , 1976, 9, 2171-2184.	1.6	21
112	Laser-induced nuclear anti-Stokes transitions revisited. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 106, 441-445.	0.9	21
113	Quantum electrodynamics in intense laser fields. <i>Laser and Particle Beams</i> , 1991, 9, 603-618.	0.4	21
114	High-order harmonic generation in a tightly focused laser beam. <i>Optics Letters</i> , 2006, 31, 2163.	1.7	21
115	Atomic processes in bicircular fields. <i>Journal of Modern Optics</i> , 2017, 64, 971-980.	0.6	21
116	A note on total cross sections and decay rates in the presence of a laser field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 94, 131-134.	0.9	20
117	Role of final-state effects in above-threshold ionization. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1987, 4, 743.	0.9	20
118	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.	0.6	20
119	Intrinsic linewidth of a free-electron laser. <i>Physical Review A</i> , 1986, 33, 2174-2176.	1.0	19
120	Wavelength scaling of atomic nonsequential double ionization in intense laser fields. <i>Physical Review A</i> , 2017, 95, .	1.0	19
121	Quantum theory of a free electron laser. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1979, 35, 399-404.	1.9	18
122	Forbidden nuclear \hat{I}^2 -decay in an intense plane-wave field. <i>Nuclear Physics A</i> , 1984, 426, 125-136.	0.6	18
123	Classical modelling of the nonlinear properties of clusters in strong low-frequency laser fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, L175-L182.	0.6	18
124	Collisionless heating of a nanoplasma in laser-irradiated clusters. <i>Laser Physics Letters</i> , 2005, 2, 452-458.	0.6	17
125	Gauge dependence of the strong-field approximation: Theory vs. experiment for photodetachment of $F\hat{a}^-$. <i>Optics Communications</i> , 2007, 275, 116-122.	1.0	17
126	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.	1.2	16

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127	High-efficiency high-order harmonic generation without tunneling. <i>Physical Review A</i> , 2001, 64, .	1.0	15
128	Phase-Controlled Single-Cycle Strong-Field Photoionization. <i>Physica Scripta</i> , 2004, 110, 120.	1.2	15
129	Low-frequency approximation for high-order above-threshold ionization. <i>Laser Physics</i> , 2010, 20, 573-580.	0.6	15
130	Quantum interference in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2017, 96, .	1.0	15
131	High-order harmonic generation in non-planar molecules driven by a bicircular field. <i>Molecular Physics</i> , 2017, 115, 1750-1757.	0.8	15
132	Helicity asymmetry in strong-field ionization of atoms by a bicircular laser field. <i>Optics Express</i> , 2018, 26, 12684.	1.7	15
133	Keldysh-like expansion for above-threshold ionization. <i>Physical Review A</i> , 1994, 49, 1131-1140.	1.0	14
134	X-ray emission by clusters in a strong electromagnetic field. <i>Physical Review A</i> , 2004, 69, .	1.0	14
135	New results in above-threshold ionization and high-order harmonic generation of atomic and molecular systems. <i>Laser Physics</i> , 2009, 19, 185-190.	0.6	14
136	Electron dynamics in laser-driven atoms near the continuum threshold. <i>Optica</i> , 2021, 8, 765.	4.8	14
137	Madey's theorems for free-electron devices, spontaneous emission, and applications. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1988, 7, 353-372.	1.0	13
138	Testing the photonâ€“photon sector of quantum electrodynamics with free-electron lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1989, 6, 1083.	0.9	13
139	X-ray generation in laser-heated cluster beams. <i>Physical Review A</i> , 2006, 74, .	1.0	13
140	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, .	1.0	13
141	Relativistic theory of nucleons in laser fields. <i>Journal of Physics A: Mathematical Nuclear and General</i> , 1974, 7, 1266-1273.	1.0	12
142	Nuclear spectroscopy with X-ray lasers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 131, 16-20.	1.5	12
143	Strong-field approximation for high-order above-threshold ionization of randomly oriented diatomic molecules. <i>Chemical Physics</i> , 2009, 366, 85-90.	0.9	12
144	Caustics and catastrophes in above-threshold ionization. <i>Physical Review A</i> , 2017, 96, .	1.0	12

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145	Channel-closing effects in strong-field ionization by a bicircular field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 054001.	0.6	12
146	Strong-field ionization of linear molecules by a bicircular laser field: Symmetry considerations. <i>Physical Review A</i> , 2018, 97, .	1.0	12
147	Atom-Volkov strong-field approximation for above-threshold ionization. <i>Physical Review A</i> , 2019, 99, .	1.0	12
148	Symmetries and Selection Rules of the Spectra of Photoelectrons and High-Order Harmonics Generated by Field-Driven Atoms and Molecules. <i>Symmetry</i> , 2021, 13, 1566.	1.1	12
149	Increasing the frequency of a free electron laser by means of a linearly polarized magnetic field. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1981, 42, 87-94.	1.9	11
150	Laser-assisted tunnelling. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986, 19, 2589-2597.	1.6	10
151	Scattering of light by light: Possible experimental detection. <i>Physical Review A</i> , 1988, 38, 4891-4894.	1.0	10
152	Third harmonic generation by small metal clusters in a dielectric medium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 4933-4943.	0.6	10
153	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, .	1.0	10
154	Molecular above-threshold ionization with a circularly polarized laser field. <i>European Physical Journal D</i> , 2013, 67, 1.	0.6	10
155	Motion of relativistic particles in standing wave fields. <i>Journal of Physics A</i> , 1979, 12, 799-809.	1.6	9
156	Quantum theory of a free electron laser for strong fields. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1980, 38, 287-292.	1.9	9
157	On the equivalence of the $r\hat{A}\cdot E$ and the $p\hat{A}\cdot A$ interaction hamiltonian. <i>Optics Communications</i> , 1985, 56, 107-111.	1.0	9
158	Classical theory of stimulated Čerenkov radiation. <i>Physical Review A</i> , 1985, 31, 783-789.	1.0	9
159	Polarization effects in two-colour photodetachment of negative ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990, 23, L753-L759.	0.6	9
160	Quantum orbits: a space-time picture of intense-laser-induced processes in atoms. <i>Journal of Modern Optics</i> , 2002, 49, 1987-1999.	0.6	9
161	A gauge-covariant derivation of the strong-field approximation. <i>Laser Physics</i> , 2009, 19, 1621-1625.	0.6	9
162	High-order harmonic generation by aligned heteronuclear diatomic molecules in an orthogonally polarized two-color laser field. <i>European Physical Journal D</i> , 2021, 75, 1.	0.6	9

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163	Squeezing of the cavity vacuum by charged particles. <i>Physical Review A</i> , 1987, 36, 2167-2170.	1.0	8
164	Many-particle quantum theory for a class of free-electron devices. <i>Physics Reports</i> , 1987, 154, 205-245.	10.3	8
165	Classical aspects of laser-induced non-sequential double ionization above and below the threshold. <i>Journal of Modern Optics</i> , 2006, 53, 193-206.	0.6	8
166	Reconstruction of an arbitrarily polarized few-cycle laser pulse by two-dimensional streaking. <i>Laser Physics Letters</i> , 2007, 4, 726-733.	0.6	8
167	Solutions of higher-spin wave equations in external electromagnetic plane-wave fields. <i>Journal of Physics A</i> , 1976, 9, 149-157.	1.6	7
168	Saturation behaviour of the free electron laser from barrier reflection. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1979, 74, 66-68.	0.9	7
169	Comment on enhancement of forbidden nuclear beta decay by high-intensity radio-frequency fields. <i>Physical Review C</i> , 1984, 29, 1124-1131.	1.1	7
170	A no-go theorem concerning the enhancement of nuclear decays by intense radiation fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 101, 58-60.	0.9	7
171	Elliptic dichroism in strong-field ionization of atoms subjected to tailored laser fields. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7014-7027.	1.3	7
172	What is left from stimulated electromagnetic shock radiation. A quantum approach. <i>Physical Review A</i> , 1981, 23, 2381-2393.	1.0	6
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