

Wilhelm Becker

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236
papers

10,313
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56
h-index

96
g-index

256
ext. papers

11,329
ext. citations

3.1
avg, IF

6.08
L-index

#	Paper	IF	Citations
236	Above-Threshold Ionization: From Classical Features to Quantum Effects. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2002 , 48, 35-98	1.7	585
235	Feynman's path-integral approach for intense-laser-atom interactions. <i>Science</i> , 2001 , 292, 902-5	33.3	533
234	Above-threshold ionization by few-cycle pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006 , 39, R203-R262	1.3	509
233	Rescattering effects in above-threshold ionization: a classical model. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, L703-L708	1.3	386
232	Theories of photoelectron correlation in laser-driven multiple atomic ionization. <i>Reviews of Modern Physics</i> , 2012 , 84, 1011-1043	40.5	349
231	Attosecond double-slit experiment. <i>Physical Review Letters</i> , 2005 , 95, 040401	7.4	317
230	Polarization-dependent high-order two-color mixing. <i>Physical Review A</i> , 1995 , 51, R3414-R3417	2.6	289
229	Generation of circularly polarized high-order harmonics by two-color coplanar field mixing. <i>Physical Review A</i> , 2000 , 61,	2.6	241
228	Modeling harmonic generation by a zero-range potential. <i>Physical Review A</i> , 1994 , 50, 1540-1560	2.6	239
227	Model calculations of polarization-dependent two-color high-harmonic generation. <i>Physical Review A</i> , 1995 , 52, 2262-2278	2.6	214
226	Routes to nonsequential double ionization. <i>Physical Review Letters</i> , 2000 , 85, 3781-4	7.4	176
225	Role of long quantum orbits in high-order harmonic generation. <i>Physical Review A</i> , 2002 , 66,	2.6	144
224	Strong-field approximation for intense-laser-atom processes: The choice of gauge. <i>Physical Review A</i> , 2005 , 72,	2.6	142
223	Higher-harmonic production in a model atom with short-range potential. <i>Physical Review A</i> , 1990 , 41, 4112-4115	2.6	134
222	Above-threshold ionization in the tunneling regime. <i>Physical Review A</i> , 1997 , 55, R4003-R4006	2.6	129
221	Rescattering processes for elliptical polarization: A quantum trajectory analysis. <i>Physical Review Letters</i> , 2000 , 84, 3831-4	7.4	128
220	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	1.3	121

219	Attosecond pulse trains with unusual nonlinear polarization. <i>Physical Review A</i> , 2000 , 62,	2.6	116
218	Effects of rescattering on above-threshold ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, L325-L332	1.3	115
217	A unified theory of high-harmonic generation: Application to polarization properties of the harmonics. <i>Physical Review A</i> , 1997 , 56, 645-656	2.6	114
216	High-order above-threshold ionization with few-cycle pulse: a meter of the absolute phase. <i>Optics Express</i> , 2003 , 11, 1418-29	3.3	110
215	Above-Threshold Ionization by an Elliptically Polarized Field: Quantum Tunneling Interferences and Classical Dodging. <i>Physical Review Letters</i> , 1998 , 80, 484-487	7.4	110
214	Channel-closing-induced resonances in the above-threshold ionization plateau. <i>Physical Review A</i> , 2001 , 64,	2.6	109
213	Phase-dependent effects of a few-cycle laser pulse. <i>Physical Review Letters</i> , 2002 , 89, 153001	7.4	108
212	High-order above-threshold ionization: The uniform approximation and the effect of the binding potential. <i>Physical Review A</i> , 2002 , 66,	2.6	108
211	Angle-resolved high-order above-threshold ionization of a molecule: sensitive tool for molecular characterization. <i>Physical Review Letters</i> , 2008 , 100, 203003	7.4	99
210	Classical rescattering effects in two-color above-threshold ionization. <i>Physical Review A</i> , 1995 , 52, 4043-4053	9.2	92
209	Model calculations of high-harmonic generation in molecular ions. <i>Physical Review A</i> , 1998 , 58, 4022-4038	8.6	91
208	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. <i>Physical Review A</i> , 2016 , 93,	2.6	84
207	Quantum path analysis of high-order above-threshold ionization. <i>Optics Communications</i> , 2000 , 179, 39-50	5.0	82
206	Above-threshold ionization by an elliptically polarized field: interplay between electronic quantum trajectories. <i>Physical Review Letters</i> , 2000 , 84, 3791-4	7.4	82
205	Capture into rydberg states and momentum distributions of ionized electrons. <i>Laser Physics</i> , 2009 , 19, 1550-1558	1.2	81
204	Electron-electron dynamics in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2004 , 69,	2.6	80
203	Collective multielectron tunneling ionization in strong fields. <i>Physical Review Letters</i> , 2000 , 84, 3550-3	7.4	78
202	Two-source double-slit interference in angle-resolved high-energy above-threshold ionization spectra of diatoms. <i>Physical Review Letters</i> , 2009 , 103, 043001	7.4	77

201	Resonant enhancements of high-order harmonic generation. <i>Physical Review A</i> , 2002 , 65,	2.6	77
200	Subcycle pulsed focused vector beams. <i>Physical Review Letters</i> , 2006 , 97, 253902	7.4	76
199	Laser-induced recollision phenomena: interference resonances at channel closings. <i>Physical Review Letters</i> , 2002 , 89, 023001	7.4	74
198	Interference carpets in above-threshold ionization: from the Coulomb-free to the Coulomb-dominated regime. <i>Physical Review Letters</i> , 2012 , 108, 223601	7.4	70
197	Generation of Squeezed Coherent States via a Free-Electron Laser. <i>Physical Review Letters</i> , 1982 , 48, 475-477	7.4	70
196	Quantum-mechanical model for ultrahigh-order harmonic generation in the moderately relativistic regime. <i>Physical Review A</i> , 2000 , 63,	2.6	67
195	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,	2.6	64
194	Intensity-dependent enhancements in high-order above-threshold ionization. <i>Physical Review A</i> , 2007 , 76,	2.6	64
193	Quantum-orbit theory of high-order atomic processes in intense laser fields. <i>Journal of Modern Optics</i> , 2006 , 53, 125-134	1.1	64
192	Electron-electron correlation in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2001 , 64,	2.6	64
191	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	1.3	63
190	High-energy above-threshold detachment from negative ions. <i>Physical Review A</i> , 2004 , 70,	2.6	62
189	Improved strong-field approximation and quantum-orbit theory: Application to ionization by a bicircular laser field. <i>Physical Review A</i> , 2016 , 93,	2.6	61
188	Final-state effects in above-threshold ionisation. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986 , 19, L785-L792		61
187	Vacuum polarization in laser fields. <i>Journal of Physics A</i> , 1975 , 8, 1638-1657		61
186	High-order above-threshold ionization beyond the first-order Born approximation. <i>Physical Review A</i> , 2009 , 79,	2.6	59
185	Ellipticity effects and the contributions of long orbits in nonsequential double ionization of atoms. <i>Physical Review A</i> , 2008 , 77,	2.6	58
184	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	7.4	57

183	Direct and rescattered electrons in above-threshold detachment from negative ions. <i>Physical Review A</i> , 2003 , 68,	2.6	56
182	Fully quantized many-particle theory of a free-electron laser. <i>Physical Review A</i> , 1983 , 27, 1030-1043	2.6	56
181	Electron rescattering in a bicircular laser field. <i>Optics Express</i> , 2016 , 24, 6413-24	3.3	56
180	Simulation of above-threshold ionization experiments using the strong-field approximation. <i>Laser Physics</i> , 2007 , 17, 376-389	1.2	55
179	Quantum effects in double ionization of argon below the threshold intensity. <i>Physical Review Letters</i> , 2014 , 112, 073002	7.4	52
178	Three-dimensional tunneling in quantum ballistic motion. <i>American Journal of Physics</i> , 1998 , 66, 38-48	0.7	52
177	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		52
176	Dressed-state strong-field approximation for laser-induced molecular ionization. <i>Physical Review A</i> , 2007 , 76,	2.6	51
175	Ionization by few-cycle pulses: Tracing the electron orbits. <i>Physical Review A</i> , 2005 , 71,	2.6	51
174	Off-axis low-energy structures in above-threshold ionization. <i>Physical Review A</i> , 2014 , 90,	2.6	50
173	Low-energy electron rescattering in laser-induced ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014 , 47, 204022	1.3	50
172	Electron rescattering in above-threshold photodetachment of negative ions. <i>Physical Review Letters</i> , 2010 , 104, 103004	7.4	49
171	Many-electron strong-field physics. <i>Contemporary Physics</i> , 2008 , 49, 199-223	3.3	49
170	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,	2.6	49
169	Photon statistics of a free-electron laser. <i>Physical Review A</i> , 1982 , 25, 2200-2207	2.6	49
168	Above-threshold detachment by a two-color bicircular laser field. <i>Laser Physics Letters</i> , 2007 , 4, 279-286	1.5	48
167	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	1.3	47
166	Time-frequency analysis of two-color high-harmonic generation. <i>Physical Review A</i> , 1999 , 60, 1377-1384	2.6	47

165	Total multiphoton-ionization rates for an extremely short-ranged potential. <i>Physical Review A</i> , 1989 , 40, 6904-6912	2.6	45
164	Schemes for the generation of circularly polarized high-order harmonics by two-color mixing. <i>Physical Review A</i> , 1999 , 60, 1721-1722	2.6	42
163	Coulomb repulsion and quantum-classical correspondence in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2004 , 69,	2.6	41
162	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	1.3	38
161	Interference effects in above-threshold ionization from diatomic molecules: Determining the internuclear separation. <i>Physical Review A</i> , 2007 , 76,	2.6	38
160	Photon statistics of the free-electron-laser startup. <i>Physical Review A</i> , 1983 , 28, 1838-1840	2.6	38
159	Attosecond pulse generation by bicircular fields: from pulse trains to a single pulse. <i>Journal of Modern Optics</i> , 2005 , 52, 233-241	1.1	35
158	Interference in high-order above-threshold ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999 , 32, L419-L424	1.3	34
157	Interference structure of above-threshold ionization versus above-threshold detachment. <i>New Journal of Physics</i> , 2012 , 14, 055019	2.9	33
156	On the validity of the strong field approximation and simple man's theory. <i>Journal of Modern Optics</i> , 2006 , 53, 135-147	1.1	33
155	Resonancelike enhancement in high-order above-threshold ionization of molecules. <i>Physical Review A</i> , 2013 , 88,	2.6	32
154	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	1.3	32
153	The Wigner function for tunneling in a uniform static electric field. <i>Optics Communications</i> , 2000 , 179, 29-38	2	32
152	Short-range potential model for multiphoton detachment of the H ⁻ ion. <i>Physical Review A</i> , 1990 , 42, 4416-4419	2.6	32
151	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	1.3	30
150	Interplay between above-threshold multiphoton detachment and higher-harmonic generation. <i>Physical Review A</i> , 1992 , 46, R5334-R5337	2.6	29
149	Dressed-bound-state molecular strong-field approximation: Application to above-threshold ionization of heteronuclear diatomic molecules. <i>Physical Review A</i> , 2011 , 84,	2.6	28
148	Multiphoton analysis of the free electron laser. <i>Optics Communications</i> , 1980 , 33, 69-74	2	28

147	Elliptical polarization favors long quantum orbits in high-order above-threshold ionization of noble gases. <i>Physical Review Letters</i> , 2013 , 110, 043002	7.4	27
146	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	1.5	27
145	Dynamics of electronic wave packets in field emission and intense-field laser-atom physics. <i>Physical Review A</i> , 1996 , 54, R1022-R1025	2.6	27
144	Above-threshold ionization for very low electron energy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 151001	1.3	26
143	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	3.3	25
142	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	1.3	24
141	Quantum theory of stimulated Brekrov radiation. <i>Physical Review A</i> , 1982 , 25, 956-963	2.6	24
140	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	1.1	23
139	Nonlinear excitation of the Mie resonance in a laser-irradiated cluster. <i>Optics Express</i> , 2003 , 11, 2433-9	3.3	23
138	Classical cutoffs for laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2003 , 68,	2.6	23
137	A method of carrier-envelope phase control for few-cycle laser pulses. <i>Laser Physics Letters</i> , 2006 , 3, 200-204	1.5	22
136	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	1.3	22
135	Laser Enhancement of Nuclear Decay. <i>Physical Review Letters</i> , 1981 , 47, 1262-1266	7.4	22
134	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	1.3	21
133	High-order harmonic generation in a tightly focused laser beam. <i>Optics Letters</i> , 2006 , 31, 2163-5	3	21
132	Quantum electrodynamics in intense laser fields. <i>Laser and Particle Beams</i> , 1991 , 9, 603-618	0.9	21
131	Atomic processes in bicircular fields. <i>Journal of Modern Optics</i> , 2017 , 64, 971-980	1.1	20
130	Coulomb focusing and defocusing in above-threshold-ionization spectra produced by strong mid-IR laser pulses. <i>Physical Review A</i> , 2016 , 93,	2.6	20

129	Role of final-state effects in above-threshold ionization. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1987 , 4, 743	1.7	20
128	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		19
127	Intrinsic linewidth of a free-electron laser. <i>Physical Review A</i> , 1986 , 33, 2174-2176	2.6	18
126	Laser-induced nuclear anti-Stokes transitions revisited. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984 , 106, 441-445	2.3	18
125	Gauge dependence of the strong-field approximation: Theory vs. experiment for photodetachment of F. <i>Optics Communications</i> , 2007 , 275, 116-122	2	17
124	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	1.3	17
123	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	2.3	17
122	Laser-Induced Inelastic Diffraction from Strong-Field Double Ionization. <i>Physical Review Letters</i> , 2017 , 119, 243203	7.4	16
121	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	1.1	16
120	Collisionless heating of a nanoplasma in laser-irradiated clusters. <i>Laser Physics Letters</i> , 2005 , 2, 452-458	1.5	16
119	Forbidden nuclear β decay in an intense plane-wave field. <i>Nuclear Physics A</i> , 1984 , 426, 125-136	1.3	16
118	Quantum theory of a free electron laser. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1979 , 35, 399-404		16
117	Low-frequency approximation for high-order above-threshold ionization. <i>Laser Physics</i> , 2010 , 20, 573-580	1.2	15
116	Phase-Controlled Single-Cycle Strong-Field Photoionization. <i>Physica Scripta</i> , 2004 , 110, 120	2.6	15
115	High-efficiency high-order harmonic generation without tunneling. <i>Physical Review A</i> , 2001 , 64,	2.6	15
114	Wavelength scaling of atomic nonsequential double ionization in intense laser fields. <i>Physical Review A</i> , 2017 , 95,	2.6	14
113	High-order harmonic generation in non-planar molecules driven by a bicircular field. <i>Molecular Physics</i> , 2017 , 115, 1750-1757	1.7	14
112	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

111	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	3.9	14
110	X-ray emission by clusters in a strong electromagnetic field. <i>Physical Review A</i> , 2004 , 69,	2.6	14
109	Keldysh-like expansion for above-threshold ionization. <i>Physical Review A</i> , 1994 , 49, 1131-1140	2.6	14
108	X-ray harmonic generation by orthogonally polarized two-color fields: Spectral shape and polarization. <i>Physical Review A</i> , 2019 , 100,	2.6	13
107	Strong-field approximation for high-order above-threshold ionization of randomly oriented diatomic molecules. <i>Chemical Physics</i> , 2009 , 366, 85-90	2.3	12
106	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,	2.6	12
105	Testing the photon-photon sector of quantum electrodynamics with free-electron lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1989 , 6, 1083	1.7	12
104	Nuclear spectroscopy with X-ray lasers. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 131, 16-20	4.2	12
103	Relativistic theory of nucleons in laser fields. <i>Journal of Physics A: Mathematical Nuclear and General</i> , 1974 , 7, 1266-1273		12
102	X-ray generation in laser-heated cluster beams. <i>Physical Review A</i> , 2006 , 74,	2.6	11
101	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		11
100	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		11
99	Quantum dynamics of atomic Rydberg excitation in strong laser fields. <i>Optics Express</i> , 2019 , 27, 31629-31643	3.6	11
98	Strong-field ionization of linear molecules by a bicircular laser field: Symmetry considerations. <i>Physical Review A</i> , 2018 , 97,	2.6	10
97	Molecular above-threshold ionization with a circularly polarized laser field. <i>European Physical Journal D</i> , 2013 , 67, 1	1.3	10
96	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	1.3	10
95	Scattering of light by light: Possible experimental detection. <i>Physical Review A</i> , 1988 , 38, 4891-4894	2.6	10
94	Helicity asymmetry in strong-field ionization of atoms by a bicircular laser field. <i>Optics Express</i> , 2018 , 26, 12684-12697	3.3	9

93	Quantum orbits: a space-time picture of intense-laser-induced processes in atoms. <i>Journal of Modern Optics</i> , 2002 , 49, 1987-1999	1.1	9
92	On the equivalence of the $r\mathbf{E}$ and the $p\mathbf{A}$ interaction hamiltonian. <i>Optics Communications</i> , 1985 , 56, 107-111		9
91	Quantum theory of a free electron laser for strong fields. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1980 , 38, 287-292		9
90	Quantum interference in laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2017 , 96,	2.6	8
89	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	1.3	8
88	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,	2.6	8
87	Reconstruction of an arbitrarily polarized few-cycle laser pulse by two-dimensional streaking. <i>Laser Physics Letters</i> , 2007 , 4, 726-733	1.5	8
86	Classical aspects of laser-induced non-sequential double ionization above and below the threshold. <i>Journal of Modern Optics</i> , 2006 , 53, 193-206	1.1	8
85	Polarization effects in two-colour photodetachment of negative ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990 , 23, L753-L759	1.3	8
84	Laser-assisted tunnelling. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986 , 19, 2589-2597		8
83	Application of the saddle-point method to strong-laser-field ionization. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020 , 53, 125201	2	7
82	Caustics and catastrophes in above-threshold ionization. <i>Physical Review A</i> , 2017 , 96,	2.6	7
81	A gauge-covariant derivation of the strong-field approximation. <i>Laser Physics</i> , 2009 , 19, 1621-1625	1.2	7
80	Squeezing of the cavity vacuum by charged particles. <i>Physical Review A</i> , 1987 , 36, 2167-2170	2.6	7
79	Many-particle quantum theory for a class of free-electron devices. <i>Physics Reports</i> , 1987 , 154, 205-245	27.7	7
78	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	2.3	7
77	Classical theory of stimulated C. <i>Physical Review A</i> , 1985 , 31, 783-789	2.6	7
76	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	2.3	7

75	Motion of relativistic particles in standing wave fields. <i>Journal of Physics A</i> , 1979 , 12, 799-809		7
74	High-order harmonic generation by bi-elliptical orthogonally polarized two-color fields. <i>Physical Review A</i> , 2020 , 102,	2.6	7
73	Atom-Volkov strong-field approximation for above-threshold ionization. <i>Physical Review A</i> , 2019 , 99,	2.6	6
72	Laser absorption and third-harmonic generation in free-electron nanofilms. <i>Physical Review B</i> , 2009 , 79,	3.3	6
71	Amplification of a high-frequency wave by IR-field-heated clusters. <i>Laser Physics Letters</i> , 2010 , 7, 440-449	1.5	6
70	Relativistic charged-particle interactions in a chaotic laser field. <i>Physical Review A</i> , 1984 , 30, 2245-2255	2.6	6
69	What is left from stimulated electromagnetic shock radiation. A quantum approach. <i>Physical Review A</i> , 1981 , 23, 2381-2393	2.6	6
68	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,	2.6	6
67	Attosecond electron thermalization in laser-induced nonsequential multiple ionization: hard versus glancing collisions. <i>New Journal of Physics</i> , 2008 , 10, 025010	2.9	5
66	Two-dimensional streaking: complete characterization of an arbitrarily polarized few-cycle laser pulse using a stereodetector technique. <i>Optics Letters</i> , 2007 , 32, 1372-4	3	5
65	Amplification of high-order harmonics in a short laser pulse by stimulated interaction. <i>Physical Review A</i> , 2001 , 64,	2.6	5
64	The gain of high harmonics in an atomic jet and in a hollow-core fiber. <i>Optics Communications</i> , 2000 , 183, 289-297	2	5
63	Driven particle in an infinite square well: Representation and breakdown of the invariant tori in a multiple-resonance case. <i>Physical Review E</i> , 1995 , 51, 1935-1947	2.4	5
62	Comment on enhancement of forbidden nuclear beta decay by high-intensity radio-frequency fields. <i>Physical Review C</i> , 1984 , 29, 1124-1131	2.7	5
61	Quantum mechanical description of shot noise using the example of the free-electron laser. <i>Optics Communications</i> , 1985 , 53, 39-42	2	5
60	Laser induced damage threshold derived from chaotic electron dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987 , 121, 286-292	2.3	4
59	Propagation of nucleons in laser fields. <i>Journal of Physics A</i> , 1975 , 8, 160-170		4
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