

Dejan B Milosevic

List of Publications by Year in descending order

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papers

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times ranked

1813
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	Attosecond Double-Slit Experiment. <i>Physical Review Letters</i> , 2005, 95, 040401.	2.9	363
5	Generation of circularly polarized high-order harmonics by two-color coplanar field mixing. <i>Physical Review A</i> , 2000, 61, .	1.0	285
6	Phase-Dependent Harmonic Emission with Ultrashort Laser Pulses. <i>Physical Review Letters</i> , 1998, 81, 1837-1840.	2.9	253
7	Bright circularly polarized soft X-ray high harmonics for X-ray magnetic circular dichroism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14206-14211.	3.3	235
8	Scattering and Reaction Processes in Powerful Laser Fields. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2003, 49, 373-532.	2.3	178
9	Role of long quantum orbits in high-order harmonic generation. <i>Physical Review A</i> , 2002, 66, .	1.0	168
10	Strong-field approximation for intense-laser-atom processes: The choice of gauge. <i>Physical Review A</i> , 2005, 72, .	1.0	158
11	Rescattering Processes for Elliptical Polarization: A Quantum Trajectory Analysis. <i>Physical Review Letters</i> , 2000, 84, 3831-3834.	2.9	146
12	Strong-field approximation for ionization of a diatomic molecule by a strong laser field. <i>Physical Review A</i> , 2006, 74, .	1.0	145
13	Attosecond pulse trains with unusual nonlinear polarization. <i>Physical Review A</i> , 2000, 62, .	1.0	133
14	Phase-Dependent Effects of a Few-Cycle Laser Pulse. <i>Physical Review Letters</i> , 2002, 89, 153001.	2.9	123
15	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
16	Coulomb and rescattering effects in above-threshold ionization. <i>Physical Review A</i> , 1998, 58, 3124-3127.	1.0	117
17	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
18	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. <i>Physical Review A</i> , 2016, 93, .	1.0	100

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19	Generation of attosecond pulses in macroscopic media. <i>Physical Review A</i> , 1997, 56, 4960-4969.	1.0	91
20	Generation of elliptically polarized attosecond pulse trains. <i>Optics Letters</i> , 2015, 40, 2381.	1.7	91
21	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
22	Circularly polarized high harmonics generated by a bicircular field from inert atomic gases in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{state}$: A tool for exploring chirality-sensitive processes. <i>Physical Review A</i> , 2015, 92, .	1.0	90
23	Imaging of carrier-envelope phase effects in above-threshold ionization with intense few-cycle laser fields. <i>New Journal of Physics</i> , 2008, 10, 025024.	1.2	88
24	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
25	Possibility of introducing spin into attoscience with spin-polarized electrons produced by a bichromatic circularly polarized laser field. <i>Physical Review A</i> , 2016, 93, .	1.0	83
26	High-energy stimulated emission from plasma ablation pumped by resonant high-order harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 3367-3376.	0.6	79
27	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
28	Intensity-dependent enhancements in high-order above-threshold ionization. <i>Physical Review A</i> , 2007, 76, .	1.0	74
29	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
30	Quantum-mechanical model for ultrahigh-order harmonic generation in the moderately relativistic regime. <i>Physical Review A</i> , 2000, 63, .	1.0	70
31	High-energy above-threshold detachment from negative ions. <i>Physical Review A</i> , 2004, 70, .	1.0	70
32	Theoretical analysis of high-order harmonic generation from a coherent superposition of states. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2006, 23, 308.	0.9	70
33	Interference effects in high-order harmonic generation by homonuclear diatomic molecules. <i>Physical Review A</i> , 2009, 79, .	1.0	68
34	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
35	Electron rescattering in a bicircular laser field. <i>Optics Express</i> , 2016, 24, 6413.	1.7	68
36	Resonant high-order harmonic generation from plasma ablation: Laser intensity dependence of the harmonic intensity and phase. <i>Physical Review A</i> , 2010, 81, .	1.0	67

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37	Off-axis low-energy structures in above-threshold ionization. <i>Physical Review A</i> , 2014, 90, .	1.0	67
38	High-order harmonic generation in a bichromatic elliptically polarized laser field. <i>Physical Review A</i> , 1996, 54, 1522-1531.	1.0	66
39	High-order above-threshold ionization beyond the first-order Born approximation. <i>Physical Review A</i> , 2009, 79, .	1.0	66
40	Direct and rescattered electrons in above-threshold detachment from negative ions. <i>Physical Review A</i> , 2003, 68, .	1.0	63
41	Simulation of above-threshold ionization experiments using the strong-field approximation. <i>Laser Physics</i> , 2007, 17, 376-389.	0.6	63
42	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
43	High-order harmonic generation by a bichromatic elliptically polarized field: conservation of angular momentum. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 171001.	0.6	62
44	Static-Electric-Field-Induced Polarization Effects in Harmonic Generation. <i>Physical Review Letters</i> , 2000, 85, 732-735.	2.9	61
45	Phase-dependent effects in bichromatic high-order harmonic generation. <i>Physical Review A</i> , 2000, 61, .	1.0	60
46	Above-threshold detachment by a two-color bicircular laser field. <i>Laser Physics Letters</i> , 2007, 4, 279-286.	0.6	59
47	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
48	Cut-off law for high-harmonic generation by an elliptically polarized laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 2479-2488.	0.6	57
49	Influence of screening of the Coulomb potential on the plateau in above-threshold ionization. <i>Physical Review A</i> , 1998, 57, 5002-5005.	1.0	55
50	Ionization by few-cycle pulses: Tracing the electron orbits. <i>Physical Review A</i> , 2005, 71, .	1.0	55
51	High-order harmonic generation by a spatially inhomogeneous field. <i>Annalen Der Physik</i> , 2013, 525, 107-117.	0.9	55
52	Dressed-state strong-field approximation for laser-induced molecular ionization. <i>Physical Review A</i> , 2007, 76, .	1.0	54
53	Electron Rescattering in Above-Threshold Photodetachment of Negative Ions. <i>Physical Review Letters</i> , 2010, 104, 103004.	2.9	54
54	Extreme-ultraviolet harmonic generation near 13 nm with a two-color elliptically polarized laser field. <i>Optics Letters</i> , 2000, 25, 1532.	1.7	52

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55	High-order above-threshold ionization in a laser field: Influence of the ionization potential on the high-energy cutoff. <i>Laser Physics</i> , 2006, 16, 289-293.	0.6	50
56	Interference structure of above-threshold ionization versus above-threshold detachment. <i>New Journal of Physics</i> , 2012, 14, 055019.	1.2	49
57	High-order harmonic generation in the presence of a static electric field. <i>Physical Review A</i> , 2005, 72, .	1.0	48
58	Bicircular-laser-field-assisted electron-ion radiative recombination. <i>Physical Review A</i> , 2015, 92, .	1.0	47
59	Above-threshold ionization of diatomic molecules by few-cycle laser pulses. <i>Physical Review A</i> , 2011, 84, .	1.0	43
60	Energy- and angle-resolved photoelectron spectra of above-threshold ionization and detachment. <i>European Physical Journal: Special Topics</i> , 2008, 160, 205-216.	1.2	41
61	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
62	Strong-field approximation for ionization of a diatomic molecule by a strong laser field. III. High-order above-threshold ionization by an elliptically polarized field. <i>Physical Review A</i> , 2009, 80, .	1.0	40
63	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
64	Plateau structures in potential scattering in a strong laser field. <i>Physical Review A</i> , 2004, 70, .	1.0	38
65	Generation of ultrashort pulses of harmonics. <i>Physical Review A</i> , 1996, 54, R1761-R1764.	1.0	37
66	Static-Electric-Field-Induced, High-Energy Plateau for Scattered X-Ray Photons in Laser-Assisted, X-Ray Atom Scattering. <i>Physical Review Letters</i> , 1998, 81, 5097-5100.	2.9	37
67	S-matrix theory of above-threshold ionization in a bichromatic laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 1585-1596.	0.6	37
68	Rescattering effects in soft-x-ray generation by laser-assisted electron-ion recombination. <i>Physical Review A</i> , 2002, 65, .	1.0	37
69	High-order harmonic generation in polyatomic molecules induced by a bicircular laser field. <i>Physical Review A</i> , 2016, 94, .	1.0	37
70	Magnetic-Field-Induced Intensity Revivals in Harmonic Generation. <i>Physical Review Letters</i> , 1999, 82, 2653-2656.	2.9	35
71	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
72	Resonancelike enhancement in high-order above-threshold ionization of molecules. <i>Physical Review A</i> , 2013, 88, .	1.0	34

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73	Coulomb corrections in above-threshold ionization in a bichromatic laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 4149-4161.	0.6	32
74	Simulation of the above-threshold-ionization experiment using the molecular strong-field approximation: The choice of gauge. <i>Physical Review A</i> , 2010, 82, .	1.0	29
75	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
76	Low-frequency approximation for above-threshold ionization by a laser pulse: Low-energy forward rescattering. <i>Physical Review A</i> , 2014, 90, .	1.0	29
77	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
78	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
79	X-ray harmonic generation by orthogonally polarized two-color fields: Spectral shape and polarization. <i>Physical Review A</i> , 2019, 100, .	1.0	28
80	X-ray-atom scattering in the presence of a laser field. <i>Physical Review A</i> , 1998, 58, 2319-2326.	1.0	27
81	High-order harmonic generation in magnetic and parallel magnetic and electric fields. <i>Physical Review A</i> , 1999, 60, 3160-3173.	1.0	27
82	Forward- and backward-scattering quantum orbits in above-threshold ionization. <i>Physical Review A</i> , 2014, 90, .	1.0	27
83	Interference in strong-field ionization of a two-centre atomic system. <i>New Journal of Physics</i> , 2008, 10, 093027.	1.2	26
84	High-order harmonic generation by bi-elliptical orthogonally polarized two-color fields. <i>Physical Review A</i> , 2020, 102, .	1.0	26
85	On the low-frequency approximation for scattering of an electron in a laser field: An improved approximation. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, 3487-3499.	1.6	25
86	Phase space path-integral formulation of the above-threshold ionization. <i>Journal of Mathematical Physics</i> , 2013, 54, .	0.5	25
87	Carrier-envelope-phase control of plasmonic-field enhanced high-order harmonic generation. <i>Journal of Modern Optics</i> , 2013, 60, 1466-1474.	0.6	25
88	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
89	X-ray photoionization in the presence of a bichromatic laser field. <i>Physical Review A</i> , 1998, 57, 2859-2866.	1.0	23
90	Intensity dependence of plateau structures in laser-assisted x-ray atom scattering processes. <i>Physical Review A</i> , 1999, 60, 3943-3946.	1.0	23

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91	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
92	Classical cutoffs for laser-induced nonsequential double ionization. <i>Physical Review A</i> , 2003, 68, .	1.0	23
93	Reexamination of the improved strong-field approximation: Low-energy structures in the above-threshold-ionization spectra for short-range potentials. <i>Physical Review A</i> , 2013, 88, .	1.0	23
94	Electron-atom ionizing collisions in the presence of a bichromatic laser field. <i>Physical Review A</i> , 1997, 56, 3879-3887.	1.0	22
95	A method of carrier-envelope phase control for few-cycle laser pulses. <i>Laser Physics Letters</i> , 2006, 3, 200-204.	0.6	22
96	Comparative analysis of the high-order harmonic generation in the laser ablation plasmas prepared on the surfaces of complex and atomic targets. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, 1127.	0.9	22
97	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
98	Atomic processes in bicircular fields. <i>Journal of Modern Optics</i> , 2017, 64, 971-980.	0.6	21
99	Strong-field ionization of homonuclear diatomic molecules by a bicircular laser field: Rotational and reflection symmetries. <i>Physical Review A</i> , 2017, 95, .	1.0	21
100	Off-shell low-frequency approximation for potential scattering in a laser field: comparison with the Wallbank and Holmes experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 2999-3007.	0.6	20
101	Attosecond pulse generation by a coplanar circular and static field combination. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 355, 368-372.	0.9	20
102	Molecular high-order harmonic generation: analysis of a destructive interference condition. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 071001.	0.6	20
103	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
104	Control of the helicity of high-order harmonics generated by bicircular laser fields. <i>Physical Review A</i> , 2018, 98, .	1.0	20
105	Ellipticity of High-Order Harmonics Generated by Aligned Homonuclear Diatomic Molecules Exposed to an Orthogonal Two-Color Laser Field. <i>Photonics</i> , 2020, 7, 110.	0.9	20
106	On-shell and off-shell low-frequency approximations for potential scattering in a strong laser field-optical theorem and sum rule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 1869-1887.	0.6	19
107	Semiclassical approximation for strong-laser-field processes. <i>Physical Review A</i> , 2017, 96, .	1.0	19
108	Quantum-orbit analysis of high-order harmonic generation by bicircular field. <i>Journal of Modern Optics</i> , 2019, 66, 47-58.	0.6	19

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109	Off-shell and on-shell low-frequency approximations for potential scattering in a strong elliptically polarized laser field. <i>Physical Review A</i> , 1996, 53, 619-622.	1.0	18
110	Role of ellipticity in high-order harmonic generation by homonuclear diatomic molecules. <i>Physical Review A</i> , 2010, 82, .	1.0	18
111	Interferences of real trajectories and the emergence of quantum features in electron-atom scattering in a strong laser field. <i>Physical Review A</i> , 2006, 73, .	1.0	17
112	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
113	Resonance enhancement of harmonics in metal plasmas using tunable mid-infrared pulses. <i>Laser Physics</i> , 2016, 26, 075401.	0.6	17
114	Potential scattering in a strong multicolour laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 875-893.	0.6	16
115	Phase control of x-ray-atom scattering in the presence of a bichromatic laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 1831-1843.	0.6	16
116	Ellipticity and the offset angle of high harmonics generated by homonuclear diatomic molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 125602.	0.6	16
117	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
118	High-efficiency high-order harmonic generation without tunneling. <i>Physical Review A</i> , 2001, 64, .	1.0	15
119	Phase-Controlled Single-Cycle Strong-Field Photoionization. <i>Physica Scripta</i> , 2004, 110, 120.	1.2	15
120	Low-frequency approximation for high-order above-threshold ionization. <i>Laser Physics</i> , 2010, 20, 573-580.	0.6	15
121	Numerical solution of the time-dependent Schrödinger equation for $H + H^+$ ion with application to high-harmonic generation and above-threshold ionization. <i>Physical Review E</i> , 2017, 95, 053309.	0.6	15
122	High-order harmonic generation in non-planar molecules driven by a bicircular field. <i>Molecular Physics</i> , 2017, 115, 1750-1757.	0.8	15
123	Helicity asymmetry in strong-field ionization of atoms by a bicircular laser field. <i>Optics Express</i> , 2018, 26, 12684.	1.7	15
124	Potential scattering in an ultrastrong low-frequency laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1988, 21, L303-L307.	0.6	14
125	Inelastic electron - atom collisions in a bichromatic laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 4347-4361.	0.6	14
126	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

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127	Dressed-bound-state molecular strong-field approximation: application to high-order harmonic generation by heteronuclear diatomic molecules. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 2147.	0.9	14
128	Accurate determination of absolute carrier-envelope phase dependence using photo-ionization. <i>Optics Letters</i> , 2015, 40, 3137.	1.7	14
129	High-order above-threshold ionization of the H_2 ion: The role of internuclear distance. <i>Physical Review A</i> , 2019, 99, .	1.0	14
130	Strong-field ionization of homonuclear diatomic molecules using orthogonally polarized two-color laser fields. <i>Physical Review A</i> , 2020, 102, .	1.0	14
131	Strong-field approximation for above-threshold ionization of polyatomic molecules. II. The role of electron rescattering off the molecular centers. <i>Physical Review A</i> , 2014, 89, .	1.0	13
132	Low-frequency approximation for high-order harmonic generation by a bicircular laser field. <i>Physical Review A</i> , 2018, 97, .	1.0	13
133	High-Order Phase-Dependent Asymmetry in the Above-Threshold Ionization Plateau. <i>Physical Review Letters</i> , 2021, 126, 113201.	2.9	13
134	Focal averaging and incoherent scattering in laser-assisted radiative recombination and scattering processes. <i>Physical Review A</i> , 2007, 75, .	1.0	12
135	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
136	Ellipticity dependence of high-order above-threshold ionization from aligned diatomic molecules. <i>Laser Physics</i> , 2010, 20, 1001-1008.	0.6	12
137	Strong-field approximation for above-threshold ionization of polyatomic molecules. <i>Physical Review A</i> , 2012, 86, .	1.0	12
138	Few-cycle laser-pulse-assisted electron-atom potential scattering. <i>Physical Review A</i> , 2013, 87, .	1.0	12
139	Spin-dependent effects in high-order above-threshold ionization: spin-orbit interaction and exchange effects. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 164003.	0.6	12
140	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
141	Strong-field ionization of linear molecules by a bicircular laser field: Symmetry considerations. <i>Physical Review A</i> , 2018, 97, .	1.0	12
142	Atom-Volkov strong-field approximation for above-threshold ionization. <i>Physical Review A</i> , 2019, 99, .	1.0	12
143	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
144	Resonant potential scattering in an intense low-frequency laser field. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, 2843-2852.	1.6	11

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145	Few-cycle-laser-pulse-assisted electron-ion radiative recombination. <i>Physical Review A</i> , 2013, 88, .	1.0	11
146	Strong-field-approximation theory of high-order harmonic generation by polyatomic molecules. <i>Physical Review A</i> , 2016, 93, .	1.0	11
147	Electron-ion radiative recombination assisted by a bichromatic elliptically polarized laser field. <i>Physical Review A</i> , 2017, 95, .	1.0	11
148	Molecular above-threshold ionization with a circularly polarized laser field. <i>European Physical Journal D</i> , 2013, 67, 1.	0.6	10
149	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
150	Laser-assisted electron-ion recombination: Emitted photons' spectra and recollision effects. <i>Journal of Modern Optics</i> , 2003, 50, 657-671.	0.6	9
151	A gauge-covariant derivation of the strong-field approximation. <i>Laser Physics</i> , 2009, 19, 1621-1625.	0.6	9
152	Low-energy backscattering quantum orbits in above-threshold ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 175601.	0.6	9
153	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
154	Strong-field ionization of heteronuclear diatomic molecules using an orthogonally polarized two-color laser field. <i>Physical Review A</i> , 2021, 103, .	1.0	9
155	Molecular-orientation-dependent interference and plateau structures in strong-field ionization of a diatomic molecule by a corotating bichromatic elliptically polarized laser field. <i>Physical Review A</i> , 2018, 98, .	1.0	8
156	Electron-atom potential scattering assisted by a bichromatic elliptically polarized laser field. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	7
157	Molecules in a bicircular strong laser field. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	1.5	7
158	Atomic and Molecular Processes in a Strong Bicircular Laser Field. <i>Atoms</i> , 2018, 6, 61.	0.7	7
159	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
160	The contribution of incoherent photoelectron scattering off neighbouring atoms to the above-threshold ionization and detachment spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 4419-4433.	0.6	6
161	Spin-dependent quantum theory of high-order above-threshold ionization. <i>Physical Review A</i> , 2017, 95, .	1.0	6
162	Generation of elliptically polarized soft x rays using high-order harmonic generation with orthogonal two-color laser fields. <i>Journal of Physics: Conference Series</i> , 2020, 1508, 012001.	0.3	6

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163	High-order harmonic generation by planar polyatomic molecules exposed to an orthogonally polarized two-color laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 134004.	0.6	6
164	Formulation of the laser assisted resonant and auger processes in slow collisions of atoms (ions) on metal surfaces. <i>Surface Science</i> , 1990, 227, 347-360.	0.8	5
165	The role of incoherent scattering in laser-induced and laser-assisted processes. <i>Laser Physics</i> , 2009, 19, 783-790.	0.6	5
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