Dejan B Milosevic

List of Publications by Year
in descending order

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211 papers	9,400 citations	31976 53 h-index	43889 91 g-index
212 all docs	212 docs citations	212 times ranked	1813 citing authors

#	Article	IF	Citations
1	Above-Threshold Ionization: From Classical Features to Quantum Effects. Advances in Atomic, Molecular and Optical Physics, 2002, 48, 35-98.	2.3	706
2	Feynman's Path-Integral Approach for Intense-Laser-Atom Interactions. Science, 2001, 292, 902-905.	12.6	621
3	Above-threshold ionization by few-cycle pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, R203-R262.	1.5	621
4	Attosecond Double-Slit Experiment. Physical Review Letters, 2005, 95, 040401.	7.8	363
5	Generation of circularly polarized high-order harmonics by two-color coplanar field mixing. Physical Review A, 2000, 61, .	2.5	285
6	Phase-Dependent Harmonic Emission with Ultrashort Laser Pulses. Physical Review Letters, 1998, 81, 1837-1840.	7.8	253
7	Bright circularly polarized soft X-ray high harmonics for X-ray magnetic circular dichroism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14206-14211.	7.1	235
8	Scattering and Reaction Processes in Powerful Laser Fields. Advances in Atomic, Molecular and Optical Physics, 2003, 49, 373-532.	2.3	178
9	Role of long quantum orbits in high-order harmonic generation. Physical Review A, 2002, 66, .	2.5	168
10	Strong-field approximation for intense-laserâ€“atom processes: The choice of gauge. Physical Review A, 2005, 72, .	2.5	158
11	Rescattering Processes for Elliptical Polarization: A Quantum Trajectory Analysis. Physical Review Letters, 2000, 84, 3831-3834.	7.8	146
12	Strong-field approximation for ionization of a diatomic molecule by a strong laser field. Physical Review A, 2006, 74, .	2.5	145
13	Attosecond pulse trains with unusual nonlinear polarization. Physical Review A, 2000, 62, .	2.5	133
14	Phase-Dependent Effects of a Few-Cycle Laser Pulse. Physical Review Letters, 2002, 89, 153001.	7.8	123
15	High-order above-threshold ionization with few-cycle pulse: a meter of the absolute phase. Optics Express, 2003, 11, 1418.	3.4	120
16	Coulomb and rescattering effects in above-threshold ionization. Physical Review A, 1998, 58, 3124-3127.	2.5	117
17	Angle-Resolved High-Order Above-Threshold Ionization of a Molecule: Sensitive Tool for Molecular Characterization. Physical Review Letters, 2008, 100, 203003.	7.8	109
18	Controlling electron-ion rescattering in two-color circularly polarized femtosecond laser fields. Physical Review A, 2016, 93, .	2.5	100

#	Article	IF	Citations
19	Generation of attosecond pulses in macroscopic media. Physical Review A, 1997, 56, 4960-4969.	2.5	91
20	Generation of elliptically polarized attosecond pulse trains. Optics Letters, 2015, 40, 2381.	3.3	91
21	Two-Source Double-Slit Interference in Angle-Resolved High-Energy Above-Threshold Ionization Spectra of Diatoms. Physical Review Letters, 2009, 103, 043001.	7.8	90
22	Circularly polarized high harmonics generated by a bicircular field from inert atomic gases in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>state: A tool for exploring chirality-sensitive processes. Physical Review A, 2015, 92, .	2.5	90
23	Imaging of carrier-envelope phase effects in above-threshold ionization with intense few-cycle laser fields. New Journal of Physics, 2008, 10, 025024.	2.9	88
24	Improved strong-field approximation and quantum-orbit theory: Application to ionization by a bicircular laser field. Physical Review A, 2016, 93, .	2.5	84
25	Possibility of introducing spin into attoscience with spin-polarized electrons produced by a bichromatic circularly polarized laser field. Physical Review A, 2016, 93, .	2.5	83
26	High-energy stimulated emission from plasma ablation pumped by resonant high-order harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3367-3376.	1.5	79
27	Quantum-orbit theory of high-order atomic processes in intense laser fields. Journal of Modern Optics, 2006, 53, 125-134.	1.3	75
28	Intensity-dependent enhancements in high-order above-threshold ionization. Physical Review A, 2007, 76, .	2.5	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. Physical Review A, 2008, 78, .	2.5	74
30	Quantum-mechanical model for ultrahigh-order harmonic generation in the moderately relativistic regime. Physical Review A, 2000, 63, .	2.5	70
31	High-energy above-threshold detachment from negative ions. Physical Review A, 2004, 70, .	2.5	70
32	Theoretical analysis of high-order harmonic generation from a coherent superposition of states. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 308.	2.1	70
33	Interference effects in high-order harmonic generation by homonuclear diatomic molecules. Physical Review A, 2009, 79, .	2.5	68
34	Low-energy electron rescattering in laser-induced ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 204022.	1.5	68
35	Electron rescattering in a bicircular laser field. Optics Express, 2016, 24, 6413.	3.4	68
36	Resonant high-order harmonic generation from plasma ablation: Laser intensity dependence of the harmonic intensity and phase. Physical Review A, 2010, 81, .	2.5	67

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37	Off-axis low-energy structures in above-threshold ionization. Physical Review A, 2014, 90, .	2.5	67
38	High-order harmonic generation in a bichromatic elliptically polarized laser field. Physical Review A, 1996, 54, 1522-1531.	2.5	66
39	High-order above-threshold ionization beyond the first-order Born approximation. Physical Review A, 2009, 79, .	2.5	66
40	Direct and rescattered electrons in above-threshold detachment from negative ions. Physical Review A, 2003, 68, .	2.5	63
41	Simulation of above-threshold ionization experiments using the strong-field approximation. Laser Physics, 2007, 17, 376-389.	1.2	63
42	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
43	High-order harmonic generation by a bichromatic elliptically polarized field: conservation of angular momentum. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 171001.	1.5	62
44	Static-Electric-Field-Induced Polarization Effects in Harmonic Generation. Physical Review Letters, 2000, 85, 732-735.	7.8	61
45	Phase-dependent effects in bichromatic high-order harmonic generation. Physical Review A, 2000, 61, .	2.5	60
46	Above-threshold detachment by a two-color bicircular laser field. Laser Physics Letters, 2007, 4, 279-286.	1.4	59
47	Strong-field electron spectra of rare-gas atoms in the rescattering regime: enhanced spectral regions and a simulation of the experiment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 015401.	1.5	59
48	Cut-off law for high-harmonic generation by an elliptically polarized laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 2479-2488.	1.5	57
49	Influence of screening of the Coulomb potential on the plateau in above-threshold ionization. Physical Review A, 1998, 57, 5002-5005.	2.5	55
50	Ionization by few-cycle pulses: Tracing the electron orbits. Physical Review A, 2005, 71, .	2.5	55
51	Highâ€order harmonic generation by a spatially inhomogeneous field. Annalen Der Physik, 2013, 525, 107-117.	2.4	55
52	Dressed-state strong-field approximation for laser-induced molecular ionization. Physical Review A, 2007, 76, .	2.5	54
53	Electron Rescattering in Above-Threshold Photodetachment of Negative Ions. Physical Review Letters, 2010, 104, 103004.	7.8	54
54	Extreme-ultraviolet harmonic generation near 13 nm with a two-color elliptically polarized laser field. Optics Letters, 2000, 25, 1532.	3.3	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. Laser Physics, 2006, 16, 289-293.	1.2	50
56	Interference structure of above-threshold ionization versus above-threshold detachment. New Journal of Physics, 2012, 14, 055019.	2.9	49
57	High-order harmonic generation in the presence of a static electric field. Physical Review A, 2005, 72, .	2.5	48
58	Bicircular-laser-field-assisted electron-ion radiative recombination. Physical Review A, 2015, 92, .	2.5	47
59	Above-threshold ionization of diatomic molecules by few-cycle laser pulses. Physical Review A, 2011, 84, .	2.5	43
60	Energy- and angle-resolved photoelectron spectra of above-threshold ionization and detachment. European Physical Journal: Special Topics, 2008, 160, 205-216.	2.6	41
61	On the validity of the strong field approximation and simple man's theory. Journal of Modern Optics, 2006, 53, 135-147.	1.3	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. Physical Review A, 2009, 80, .	2.5	40
63	Angle-resolved high-order above-threshold ionization spectra for N₂and O₂: measurements and the strong-field approximation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 201004.	1.5	39
64	Plateau structures in potential scattering in a strong laser field. Physical Review A, 2004, 70, .	2.5	38
65	Generation of ultrashort pulses of harmonics. Physical Review A, 1996, 54, R1761-R1764.	2.5	37
66	Static-Electric-Field-Induced, High-Energy Plateau for Scattered X-Ray Photons in Laser-Assisted, X-Rayâ€“Atom Scattering. Physical Review Letters, 1998, 81, 5097-5100.	7.8	37
67	S-matrix theory of above-threshold ionization in a bichromatic laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 1585-1596.	1.5	37
68	Rescattering effects in soft-x-ray generation by laser-assisted electron-ion recombination. Physical Review A, 2002, 65, .	2.5	37
69	High-order harmonic generation in polyatomic molecules induced by a bicircular laser field. Physical Review A, 2016, 94, .	2.5	37
70	Magnetic-Field-Induced Intensity Revivals in Harmonic Generation. Physical Review Letters, 1999, 82, 2653-2656.	7.8	35
71	Above-threshold ionization for very low electron energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 151001.	1.5	35
72	Resonancelike enhancement in high-order above-threshold ionization of molecules. Physical Review A, 2013, 88, .	2.5	34

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73	Coulomb corrections in above-threshold ionization in a bichromatic laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 4149-4161.	1.5	32
74	Simulation of the above-threshold-ionization experiment using the molecular strong-field approximation: The choice of gauge. Physical Review A, 2010, 82, .	2.5	29
75	Dressed-bound-state molecular strong-field approximation: Application to above-threshold ionization of heteronuclear diatomic molecules. Physical Review A, 2011, 84, .	2.5	29
76	Low-frequency approximation for above-threshold ionization by a laser pulse: Low-energy forward rescattering. Physical Review A, 2014, 90, .	2.5	29
77	Application of the saddle-point method to strong-laser-field ionization. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 125201.	2.1	29
78	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
79	X-ray harmonic generation by orthogonally polarized two-color fields: Spectral shape and polarization. Physical Review A, 2019, 100, .	2.5	28
80	X-ray-atom scattering in the presence of a laser field. Physical Review A, 1998, 58, 2319-2326.	2.5	27
81	High-order harmonic generation in magnetic and parallel magnetic and electric fields. Physical Review A, 1999, 60, 3160-3173.	2.5	27
82	Forward- and backward-scattering quantum orbits in above-threshold ionization. Physical Review A, 2014, 90, .	2.5	27
83	Interference in strong-field ionization of a two-centre atomic system. New Journal of Physics, 2008, 10, 093027.	2.9	26
84	High-order harmonic generation by bi-elliptical orthogonally polarized two-color fields. Physical Review A, 2020, 102, .	2.5	26
85	On the low-frequency approximation for scattering of an electron in a laser field: An improved approximation. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 3487-3499.	1.6	25
86	Phase space path-integral formulation of the above-threshold ionization. Journal of Mathematical Physics, 2013, 54, .	1.1	25
87	Carrier-envelope-phase control of plasmonic-field enhanced high-order harmonic generation. Journal of Modern Optics, 2013, 60, 1466-1474.	1.3	25
88	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
89	X-ray photoionization in the presence of a bichromatic laser field. Physical Review A, 1998, 57, 2859-2866.	2.5	23
90	Intensity dependence of plateau structures in laser-assisted x-rayâ€“atom scattering processes. Physical Review A, 1999, 60, 3943-3946.	2.5	23

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91	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
92	Classical cutoffs for laser-induced nonsequential double ionization. Physical Review A, 2003, 68, .	2.5	23
93	Reexamination of the improved strong-field approximation: Low-energy structures in the above-threshold-ionization spectra for short-range potentials. Physical Review A, 2013, 88, .	2.5	23
94	Electron-atom ionizing collisions in the presence of a bichromatic laser field. Physical Review A, 1997, 56, 3879-3887.	2.5	22
95	A method of carrier-envelope phase control for few-cycle laser pulses. Laser Physics Letters, 2006, 3, 200-204.	1.4	22
96	Comparative analysis of the high-order harmonic generation in the laser ablation plasmas prepared on the surfaces of complex and atomic targets. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1127.	2.1	22
97	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
98	Atomic processes in bicircular fields. Journal of Modern Optics, 2017, 64, 971-980.	1.3	21
99	Strong-field ionization of homonuclear diatomic molecules by a bicircular laser field: Rotational and reflection symmetries. Physical Review A, 2017, 95, .	2.5	21
100	Off-shell low-frequency approximation for potential scattering in a laser field: comparison with the Wallbank and Holmes experiments. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 2999-3007.	1.5	20
101	Attosecond pulse generation by a coplanar circular and static field combination. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 355, 368-372.	2.1	20
102	Molecular high-order harmonic generation: analysis of a destructive interference condition. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 071001.	1.5	20
103	High-order above-threshold ionisation of atoms and negative ions: channel-closing effects and the low-frequency approximation. Journal of Modern Optics, 2011, 58, 1149-1157.	1.3	20
104	Control of the helicity of high-order harmonics generated by bicircular laser fields. Physical Review A, 2018, 98, .	2.5	20
105	Ellipticity of High-Order Harmonics Generated by Aligned Homonuclear Diatomic Molecules Exposed to an Orthogonal Two-Color Laser Field. Photonics, 2020, 7, 110.	2.0	20
106	On-shell and off-shell low-frequency approximations for potential scattering in a strong laser field-optical theorem and sum rule. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 1869-1887.	1.5	19
107	Semiclassical approximation for strong-laser-field processes. Physical Review A, 2017, 96, .	2.5	19
108	Quantum-orbit analysis of high-order harmonic generation by bicircular field. Journal of Modern Optics, 2019, 66, 47-58.	1.3	19

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109	Off-shell and on-shell low-frequency approximations for potential scattering in a strong elliptically polarized laser field. Physical Review A, 1996, 53, 619-622.	2.5	18
110	Role of ellipticity in high-order harmonic generation by homonuclear diatomic molecules. Physical Review A, 2010, 82, .	2.5	18
111	Interferences of real trajectories and the emergence of quantum features in electron-atom scattering in a strong laser field. Physical Review A, 2006, 73, .	2.5	17
112	Gauge dependence of the strong-field approximation: Theory vs. experiment for photodetachment of Fâ¯. Optics Communications, 2007, 275, 116-122.	2.1	17
113	Resonance enhancement of harmonics in metal plasmas using tunable mid-infrared pulses. Laser Physics, 2016, 26, 075401.	1.2	17
114	Potential scattering in a strong multicolour laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 875-893.	1.5	16
115	Phase control of x-ray-atom scattering in the presence of a bichromatic laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 1831-1843.	1.5	16
116	Ellipticity and the offset angle of high harmonics generated by homonuclear diatomic molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 125602.	1.5	16
117	Application of the dressed-bound-state molecular strong-field approximation to above-threshold ionization of heteronuclear molecules: NO vs. CO. Journal of Chemical Physics, 2012, 137, 134307.	3.0	16
118	High-efficiency high-order harmonic generation without tunneling. Physical Review A, 2001, 64, .	2.5	15
119	Phase-Controlled Single-Cycle Strong-Field Photoionization. Physica Scripta, 2004, 110, 120.	2.5	15
120	Low-frequency approximation for high-order above-threshold ionization. Laser Physics, 2010, 20, 573-580.	1.2	15
121	Numerical solution of the time-dependent Schrödinger equation for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msubsup><mml:mi mathvariant="normal">H</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mo>+</mml:mo></mml:msubsup></mml:m ion with application to high-harmonic generation and above-threshold ionization. Physical Review E, 2017, 95, 053309.	2.4	15
122	High-order harmonic generation in non-planar molecules driven by a bicircular field. Molecular Physics, 2017, 115, 1750-1757.	1.7	15
123	Helicity asymmetry in strong-field ionization of atoms by a bicircular laser field. Optics Express, 2018, 26, 12684.	3.4	15
124	Potential scattering n an ultrastrong low-frequency laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, L303-L307.	1.5	14
125	Inelastic electron - atom collisions in a bichromatic laser field. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 4347-4361.	1.5	14
126	New results in above-threshold ionization and high-order harmonic generation of atomic and molecular systems. Laser Physics, 2009, 19, 185-190.	1.2	14

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127	Dressed-bound-state molecular strong-field approximation: application to high-order harmonic generation by heteronuclear diatomic molecules. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2147.	2.1	14
128	Accurate determination of absolute carrier-envelope phase dependence using photo-ionization. Optics Letters, 2015, 40, 3137.	3.3	14
129	High-order above-threshold ionization of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow><mml:mo>+</mml:mo></mml:msup></mml:math> ion: The role of internuclear distance. Physical Review A, 2019, 99, .	2.5	14
130	Strong-field ionization of homonuclear diatomic molecules using orthogonally polarized two-color laser fields. Physical Review A, 2020, 102, .	2.5	14
131	Strong-field approximation for above-threshold ionization of polyatomic molecules. II. The role of electron rescattering off the molecular centers. Physical Review A, 2014, 89, .	2.5	13
132	Low-frequency approximation for high-order harmonic generation by a bicircular laser field. Physical Review A, 2018, 97, .	2.5	13
133	High-Order Phase-Dependent Asymmetry in the Above-Threshold Ionization Plateau. Physical Review Letters, 2021, 126, 113201.	7.8	13
134	Focal averaging and incoherent scattering in laser-assisted radiative recombination and scattering processes. Physical Review A, 2007, 75, .	2.5	12
135	Strong-field approximation for high-order above-threshold ionization of randomly oriented diatomic molecules. Chemical Physics, 2009, 366, 85-90.	1.9	12
136	Ellipticity dependence of high-order above-threshold ionization from aligned diatomic molecules. Laser Physics, 2010, 20, 1001-1008.	1.2	12
137	Strong-field approximation for above-threshold ionization of polyatomic molecules. Physical Review A, 2012, 86, .	2.5	12
138	Few-cycle laser-pulse-assisted electron-atom potential scattering. Physical Review A, 2013, 87, .	2.5	12
139	Spin-dependent effects in high-order above-threshold ionization: spinâ€“orbit interaction and exchange effects. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 164003.	1.5	12
140	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
141	Strong-field ionization of linear molecules by a bicircular laser field: Symmetry considerations. Physical Review A, 2018, 97, .	2.5	12
142	Atom-Volkov strong-field approximation for above-threshold ionization. Physical Review A, 2019, 99, .	2.5	12
143	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
144	Resonant potential scattering in an intense low-frequency laser field. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 2843-2852.	1.6	11

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145	Few-cycle-laser-pulse-assisted electron-ion radiative recombination. Physical Review A, 2013, 88, .	2.5	11
146	Strong-field-approximation theory of high-order harmonic generation by polyatomic molecules. Physical Review A, 2016, 93, .	2.5	11
147	Electron-ion radiative recombination assisted by a bichromatic elliptically polarized laser field. Physical Review A, 2017, 95, .	2.5	11
148	Molecular above-threshold ionization with a circularly polarized laser field. European Physical Journal D, 2013, 67, 1.	1.3	10
149	Quantum orbits: a space-time picture of intense-laser-induced processes in atoms. Journal of Modern Optics, 2002, 49, 1987-1999.	1.3	9
150	Laser-assisted electron-ion recombination: Emitted photons' spectra and recollision effects. Journal of Modern Optics, 2003, 50, 657-671.	1.3	9
151	A gauge-covariant derivation of the strong-field approximation. Laser Physics, 2009, 19, 1621-1625.	1.2	9
152	Low-energy backscattering quantum orbits in above-threshold ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 175601.	1.5	9
153	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
154	Strong-field ionization of heteronuclear diatomic molecules using an orthogonally polarized two-color laser field. Physical Review A, 2021, 103, .	2.5	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. Physical Review A, 2018, 98, .	2.5	8
156	Electron-atom potential scattering assisted by a bichromatic elliptically polarized laser field. European Physical Journal D, 2017, 71, 1.	1.3	7
157	Molecules in a bicircular strong laser field. Optical and Quantum Electronics, 2018, 50, 1.	3.3	7
158	Atomic and Molecular Processes in a Strong Bicircular Laser Field. Atoms, 2018, 6, 61.	1.6	7
159	Elliptic dichroism in strong-field ionization of atoms subjected to tailored laser fields. Physical Chemistry Chemical Physics, 2022, 24, 7014-7027.	2.8	7
160	The contribution of incoherent photoelectron scattering off neighbouring atoms to the above-threshold ionization and detachment spectra. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4419-4433.	1.5	6
161	Spin-dependent quantum theory of high-order above-threshold ionization. Physical Review A, 2017, 95, .	2.5	6
162	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

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163	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
164	Formulation of the laser assisted resonant and auger processes in slow collisions of atoms (ions) on metal surfaces. Surface Science, 1990, 227, 347-360.	1.9	5
165	The role of incoherent scattering in laser-induced and laser-assisted processes. Laser Physics, 2009, 19, 783-790.	1.2	5
166	Macroscopic effects in high-order harmonic generation â€“ a focal-averaging method based on the integral solution of the wave equation. Optics Express, 2022, 30, 12163.	3.4	5
167	Off-shell low-frequency approximation for potential scattering in a strong laser field: eikonal versus [1,1] PadÃ© approximation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 5251-5258.	1.5	4
168	Relativistic high-order harmonic generation. Journal of Modern Optics, 2003, 50, 375-386.	1.3	4
169	Attospin and channel closings in high-order above-threshold ionization by bicircular laser fields. Physical Review A, 2018, 98, .	2.5	4
170	A Semi-Classical Model for High-Harmonic Generation. , 2001, , 229-238.		4
171	Molecular strong-field approximation for photodetachment of electrons from homonuclear diatomic molecular anions. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 813.	2.1	4
172	Strong-laser-field-induced ionization assisted by a terahertz pulse. Optics Letters, 2022, 47, 1669.	3.3	4
173	Negative-travel-time quantum orbits in strong-field ionization by an elliptically polarized laser field. Physical Review A, 2022, 105, .	2.5	4
174	High-order above-threshold ionization with few-cycle laser pulses: Molecular improved strong-field approximation vs. molecular low-frequency approximation. Laser Physics, 2012, 22, 1819-1826.	1.2	3
175	High-order above-threshold ionization of heteronuclear diatomic molecules by a strong laser field with arbitrary polarization. Laser Physics, 2012, 22, 1827-1832.	1.2	3
176	Numerical solution of the time-dependent SchrÃ¶dinger equation for molecular hydrogen ion in linearly polarized laser field. AIP Conference Proceedings, 2016, , .	0.4	3
177	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
178	Laser-assisted electron-ion recombination: emitted photons' spectra and recollision effects. Journal of Modern Optics, 2003, 50, 657-671.	1.3	3
179	Characteristics of the molecular above-threshold ionization by a bichromatic elliptically polarized field with co-rotating components. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	1.5	3
180	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

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181	High-order above-threshold ionization from a coherent superposition of states. Physical Review A, 2022, 106, .	2.5	3
182	Ion neutralization at surfaces: a nonperturbative treatment. Surface Science, 1992, 273, 175-190.	1.9	2
183	Ellipticity dependence of plateau structures in atomic and molecular processes in a strong laser field. Physica Scripta, 2012, T149, 014044.	2.5	2
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