Liqiang Feng

List of Publications by Year
in descending order

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76	1,003	430874	454955
papers	citations	18 h-index	30 g-index

76	76	76	142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of an isolated sub-40-as pulse using two-color laser pulses: Combined chirp effects. Physical Review A, 2011, 84, .	2.5	142
2	Molecular harmonic extension and enhancement from<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:mat in the presence of spatially inhomogeneous fields. Physical Review A, 2015, 92, .	2.5	102
3	Nuclear signatures on the molecular harmonic emission and the attosecond pulse generation. Journal of Chemical Physics, 2012, 136, 054102.	3.0	89
4	High-order harmonics extension and isolated attosecond pulse generation in three-color field: Controlling factors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3641-3648.	2.1	43
5	Attosecond x-ray source generation from two-color polarized gating plasmonic field enhancement. Physics of Plasmas, 2013, 20, 122307.	1.9	38
6	Selective enhancement of single-order and two-order harmonics from He atom via two-color and three-color laser fields. Chemical Physics, 2019, 527, 110497.	1.9	34
7	Intensity improvement in the attosecond pulse generation with the coherent superposition initial state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1523-1530.	2.1	33
8	Attosecond extreme ultraviolet generation in cluster by using spatially inhomogeneous field. Physics of Plasmas, 2015, 22, .	1.9	31
9	Nano-plasmonic-pump-probe effect on the intensity enhancement of attosecond pulse from hydrogen molecular ion. Laser Physics Letters, 2018, 15, 115301.	1.4	31
10	Intensity Enhancement in Attosecond Pulse Generation. IEEE Journal of Quantum Electronics, 2012, 48, 1462-1466.	1.9	28
11	Quantum path control on the harmonic emission in the presence of a terahertz field. Chemical Physics, 2012, 405, 26-31.	1.9	27
12	Pulse duration dependence of harmonic yield of H2+ and its isotopic molecule. European Physical Journal D, 2020, 74, 1.	1.3	23
13	Unipolar pulse assisted generation of the coherent XUV pulses. Optics Communications, 2015, 348, 1-6.	2.1	22
14	Attosecond-resolution molecular high-order harmonic emission and isolated attosecond pulse generation from H 2 +. Optics Communications, 2017, 389, 144-149.	2.1	20
15	Multiple-acceleration in â€œWâ€•waveform structure for high-order harmonic improvement. Journal of Nonlinear Optical Physics and Materials, 2019, 28, 1950037.	1.8	20
16	Generation of the ultrabroad bandwidth with keV by three-color low intense mid-infrared inhomogeneous pulse. Optics and Laser Technology, 2016, 81, 7-13.	4.6	19
17	Chirp control of multi-photon resonance ionization and charge-resonance enhanced ionization on molecular harmonic generation. Chemical Physics Letters, 2017, 676, 118-123.	2.6	19
18	High-order harmonic generation spectra and isolated attosecond pulse generation with a two-color time delayed pulse. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 39-46.	1.7	18

#	Article	IF	Citations
19	Attosecond X-ray source generation by using spatially inhomogeneous field. Optical and Quantum Electronics, 2015, 47, 2577-2592.	3.3	16
20	Controlling three-step harmonic emission for intense attosecond pulses using water window harmonic spectra. Journal of Modern Optics, 2021, 68, 267-275.	1.3	15
21	Nuclear signature effect on spatial distribution of molecular harmonic in the presence of spatial inhomogeneous field. Laser Physics, 2017, 27, 016002.	1.2	14
22	Half-cycle waveform control for producing a broad and intense harmonic spectral continuum and an isolated attosecond pulse. Laser Physics, 2021, 31, 055301.	1.2	14
23	Improved polarization gating scheme on attosecond source generation. Spectroscopy Letters, 2016, 49, 367-374.	1.0	11
24	Internuclear distance R-distribution of high-order harmonic generation from H2+ and its isotopes. Chemical Physics, 2017, 485-486, 1-8.	1.9	11
25	Attosecond source generation using polarized gating two-color field combined with unipolar pulse. Canadian Journal of Physics, 2016, 94, 651-658.	1.1	10
26	Theoretical exploration of asymmetric molecular harmonic emission and attosecond pulse generation in the presence of spatially inhomogeneous plasmon-enhanced field. Molecular Physics, 2016, 114, 2217-2231.	1.7	10
27	Intensity enhancement of attosecond XUV pulse by using asymmetric inhomogeneous mid-infrared down-chirped field. International Journal of Modern Physics B, 2017, 31, 1750185.	2.0	10
28	Computational efficiency improvement with Wigner rotation technique in studying atoms in intense few-cycle circularly polarized pulses. Journal of Chemical Physics, 2014, 140, 074108.	3.0	9
29	Attosecond XUV sources generation from polarized gating two-color chirped pulse. Modern Physics Letters B, 2015, 29, 1550111.	1.9	8
30	High-order harmonic and attosecond pulse generations from Rydberg state driven by the spatially inhomogeneous field. Modern Physics Letters B, 2017, 31, 1750029.	1.9	8
31	Spatial position scaling on harmonic generation from He atom in bowtie-shaped nanostructure. Optics Communications, 2017, 398, 31-38.	2.1	8
32	Extreme ultraviolet photon effect on ionization and recombination of high-order harmonic generation. European Physical Journal D, 2021, 75, 1.	1.3	8
33	Polarized gating assisted generation of the ultrashort extreme-ultraviolet sources. Journal of Mathematical Chemistry, 2014, 52, 2074-2086.	1.5	7
34	Chirp control on molecular harmonic generation and distribution in H₂⁺. Molecular Physics, 2017, 115, 1562-1571.	1.7	7
35	Intensity distributions and isolated attosecond pulse generation from molecular high-order harmonic generation in H2+ driven by nonhomogeneous field. Physics of Plasmas, 2017, 24, 103121.	1.9	7
36	XUV pulse effect on harmonic emission spectra and attosecond pulse generation. Modern Physics Letters B, 2017, 31, 1750282.	1.9	7

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37	DFT/TDDFT investigation on the Dâ€“Ï€â€“A type molecule probes 4-(5-R-thiophen-2-yl)-2-isobutyl-2H-[1,2,3]triazolo[4,5-e][1,2,4] triazolo[1,5-a]pyrimidines: fluorescence sensing mechanism and roles of weak interactions. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	6
38	Single quantum path control by a fundamental chirped pulse combined with a subharmonic control pulse. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 458-465.	1.7	5
39	High-intensity attosecond pulse generation by using inhomogeneous laser field in frequency and space. Journal of Nonlinear Optical Physics and Materials, 2017, 26, 1750034.	1.8	5
40	High-intensity attosecond X-ray source generation by using low-intensity spatial inhomogeneous mid-infrared pulse combined with an ultraviolet pulse. International Journal of Modern Physics B, 2017, 31, 1650239.	2.0	5
41	Generation of single attosecond pulse within one atomic unit by using multi-cycle inhomogeneous polarization gating technology in bowtie-shaped nanostructure. European Physical Journal D, 2018, 72, 1.	1.3	4
42	Single attosecond pulse generation by using plasmon-driven double optical gating technology in crossed metal nanostructures. International Journal of Modern Physics B, 2018, 32, 1850161.	2.0	4
43	High-intensity isolated attosecond X-ray pulse generation by using low-intensity ultravioletâ€“mid-infrared laser beam. European Physical Journal D, 2018, 72, 1.	1.3	4
44	Generation of the high-intensity single harmonic energy peak and attosecond pulse by using resonance ionization schemes from atoms and molecules. Modern Physics Letters B, 2020, 34, 2150022.	1.9	4
45	Initial state effect on waveform control of high-order harmonic spectrum and attosecond pulse generation. Modern Physics Letters B, 2021, 35, 2150366.	1.9	4
46	Harmonic Extension and Enhancement Using a Two-Color Chirped Pulse and an Ultrashort Ultraviolet Pulse. Spectroscopy Letters, 2014, 47, 781-789.	1.0	3
47	Attosecond Pulse Enhancement by Using Orthogonal Two-Color Field Combined With a Linear Infrared Pulse. IEEE Journal of Quantum Electronics, 2015, 51, 1-6.	1.9	3
48	Spatial distribution and quantum trajectory control of the molecular harmonic spectra. Journal of Nonlinear Optical Physics and Materials, 2016, 25, 1650053.	1.8	3
49	Generations of even-order harmonics from vibrating H2+ and T2+ in the rising and falling parts of the laser field. Chemical Physics, 2018, 505, 47-54.	1.9	3
50	Generation of high-intensity KeV single-attosecond pulse using multi-cycle spatial inhomogeneous mid-infrared field. Journal of the Optical Society of America B: Optical Physics, 2018, 35, A84.	2.1	3
51	Generation of wavelength tunable single-order harmonic via chirp gating modulation. Chemical Physics Letters, 2019, 725, 24-30.	2.6	3
52	The isotopic dependence and influence of driving laser intensity on the harmonic yields of diatomic molecule ions X2+. Chemical Physics Letters, 2020, 739, 136965.	2.6	3
53	Comparison of wavelength dependence of harmonic yield in isotopic H2+ and T2+ diatomic systems. Chemical Physics Letters, 2020, 747, 137357.	2.6	3
54	Laser control for harmonic selective enhancement. Canadian Journal of Physics, 2014, 92, 1592-1598.	1.1	2

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55	R -dependent molecular harmonic generation fromH2+. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 859-864.	2.1	2
56	Electron-Nuclear Dynamics on Amplitude and Frequency Modulation of Molecular High-Order Harmonic Generation from H2 + and its Isotopes. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 941-953.	1.5	2
57	Generation of high-intensity sub-30 as pulses by inhomogeneous polarization gating technology in bowtie-shaped nanostructure. Optics Communications, 2018, 413, 212-219.	2.1	2
58	Waveform control in selective enhancement of single-order harmonic. Laser Physics, 2019, 29, 065401.	1.2	2
59	Controlling harmonic emission and attosecond pulse generation from H 2 + by using an asymmetric few-cycle inhomogeneous laser field. Chinese Journal of Physics, 2017, 55, 2025-2038.	3.9	1
60	Carrier envelope phase measurement of multi-cycle mid-infrared field and its application on attosecond pulse generation. Canadian Journal of Physics, 2018, 96, 501-512.	1.1	1
61	Isolated attosecond pulse generation from different frequency-chirping combined fields. International Journal of Modern Physics B, 2019, 33, 1950241.	2.0	1
62	Intense X-ray isolated attosecond pulse generation by using low-intensity chirped pulse combined with a UV seeding pulse. Modern Physics Letters B, 2019, 33, 1950286.	1.9	1
63	Generation of intense spectral continuum and isolated attosecond pulse by selecting single harmonic emission peak. Modern Physics Letters B, 2019, 33, 1950444.	1.9	1
64	Excited state effect of He+ ion on intense harmonic spectrum and attosecond pulse generation. International Journal of Modern Physics B, 2019, 33, 1950349.	2.0	1
65	Inhomogeneous waveform optimization to generate high order harmonic spectra. Chemical Physics Letters, 2021, 763, 138254.	2.6	1
66	Chirp duration effect on high-order harmonic spectra. European Physical Journal D, 2021, 75, 1.	1.3	1
67	Generation of high-order single harmonics by using chirp waveform control. Chemical Physics Letters, 2022, 791, 139398.	2.6	1
68	Controlling harmonic distributions from H 2 + driven by linearly and circularly polarized laser fields. Chemical Physics, 2017, 498-499, 12-18.	1.9	0
69	Inhomogeneous Double Optical Gating of High-Intensity Isolated Attosecond Pulse Generation in Crossed Metal Nanostructures. Journal of Russian Laser Research, 2018, 39, 46-55.	0.6	0
70	XUV pulse effect on signal modulations of harmonic spectra from H $$_{2}^{+}$$ 2 + and T $$_{2}^{+}$$. Pramana - Journal of Physics, 2018, 90, 1.	1.8	0
71	Control of high-order harmonics from H2+ and D2+ for producing intense single attosecond pulse. Modern Physics Letters B, 2020, 34, 2050192.	1.9	0
72	Optimal improvement of harmonic spectra driven by the fixed intensity chirped combined pulses. Chemical Physics Letters, 2021, 779, 138838.	2.6	0

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73	Chirp form selection to produce intense and broad harmonic spectra and attosecond pulses in the presence of single and superposition initial states. Modern Physics Letters B, 2022, 36, .	1.9	0
74	Time and space waveform optimization to extend the harmonic cutoff and to produce the water window single attosecond pulse. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2022, 77, 409-419.	1.5	0
75	Control of the single-order harmonic generation by changing the laser parameters of two-color pulse. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2022, .	1.5	0
76	Spatial inhomogeneous effect on single-order harmonic enhancement. Modern Physics Letters B, 0, , .	1.9	0