

Jing Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

357
citations

12
h-index

17
g-index

43
ext. papers

423
ext. citations

2.2
avg, IF

3.54
L-index

#	Paper	IF	Citations
40	Ultrafast Magnetic Field Generation in Molecular (π)-Orbital Resonance by Circularly Polarized Laser Pulses. <i>Topics in Applied Physics</i> , 2021 , 109-128	0.5	
39	Interference between harmonics of different crystal momentum channels in solid high-order harmonic generation. <i>Physical Review A</i> , 2021 , 104,	2.6	2
38	Ultrafast attosecond-magnetic-field generation of the charge migration process based on HeH and H electronically excited by circularly polarized laser pulses. <i>Optics Express</i> , 2021 , 29, 32312-32324	3.3	0
37	Non-sequential double ionization of triatomic molecules OCS in intense laser fields. <i>Chemical Physics Letters</i> , 2020 , 747, 137326	2.5	1
36	Dependence of photoelectron-momentum distribution of H_2^+ molecule on orientation angle and laser ellipticity. <i>Chinese Physics B</i> , 2019 , 28, 053201	1.2	0
35	Spatiotemporal evolution of ultrafast magnetic-field generation in molecules with intense bichromatic circularly polarized UV laser pulses. <i>Physical Review A</i> , 2019 , 99,	2.6	5
34	Spectral splitting and phase matching of the macroscopic high-order harmonic generation in intense laser fields. <i>Journal of Optics (United Kingdom)</i> , 2019 , 21, 125503	1.7	1
33	Helicity of harmonic generation and attosecond polarization with bichromatic circularly polarized laser fields. <i>Chinese Physics B</i> , 2019 , 28, 103204	1.2	4
32	Exploration of strong-field double ionization of C_3H_6 with the structures of propene and cyclopropane in intense laser fields. <i>Chinese Physics B</i> , 2018 , 27, 033202	1.2	
31	Photoelectron-momentum distribution of H_2^+ molecules at different internuclear distances in an elliptically polarized laser field. <i>Physical Review A</i> , 2018 , 98,	2.6	13
30	Generation of ultrafast magnetic fields from molecular coherent electron currents. <i>Physical Review A</i> , 2018 , 98,	2.6	14
29	Electronic dynamics and quantum path control using H_2 molecule in three-color laser fields. <i>Chemical Physics Letters</i> , 2018 , 712, 34-39	2.5	3
28	Enhancement of nonsequential double ionization in counter-rotating two-color circularly polarized laser fields. <i>Chemical Physics Letters</i> , 2018 , 706, 62-67	2.5	4
27	Exploration of strong-field double ionisation of a A_2B molecule in parallel and perpendicular laser fields. <i>Molecular Physics</i> , 2017 , 115, 1826-1834	1.7	
26	Two-center interference in high-harmonic generation of H_2^+ in a combination of a mid-infrared laser field and a terahertz field. <i>Chinese Physics B</i> , 2017 , 26, 013202	1.2	2
25	Exploration of High-Harmonic Generation from the CS_2 Molecule by the Lewenstein Method in Two-Color Circularly Polarized Laser Field. <i>Chinese Physics Letters</i> , 2017 , 34, 014206	1.8	7
24	Circularly polarized attosecond pulse generation and applications to ultrafast magnetism. <i>Journal of Optics (United Kingdom)</i> , 2017 , 19, 124016	1.7	35

23	Theoretical study on non-sequential double ionization of carbon disulfide with different bond lengths in linearly polarized laser fields. <i>Chinese Physics B</i> , 2017 , 26, 023204	1.2	1
22	The spatial distribution in high-order harmonic generation of H ₂ ⁺ with different time delays of the two-color laser fields. <i>Optics Communications</i> , 2017 , 382, 495-500	2	7
21	Nonsequential double ionization channels control of Ar with few-cycle elliptically polarized laser pulse by carrier-envelope-phase. <i>Optics Express</i> , 2016 , 24, 7525-33	3.3	20
20	Comparison of high-order-harmonic generation on single-layer graphene flakes with armchair and zigzag types in an intense laser field. <i>Physical Review A</i> , 2016 , 93,	2.6	3
19	Experimental and theoretical study on nonsequential double ionization of carbon disulfide in strong near-IR laser fields. <i>Physical Review A</i> , 2016 , 93,	2.6	15
18	High-order harmonic generation of CO ₂ with different vibrational modes in an intense laser field. <i>Chinese Physics B</i> , 2016 , 25, 113201	1.2	1
17	Carrier envelope phase effect on the spatial distribution of high-order harmonic generation in asymmetric molecule. <i>Chinese Physics B</i> , 2016 , 25, 053202	1.2	6
16	Multichannel molecular high-order harmonic generation from HeH ₂ ⁺ with the combination of a chirped laser and a unipolar pulse. <i>Optics Communications</i> , 2016 , 366, 457-461	2	11
15	Comparison of high harmonic generation and attosecond pulse from 3D hydrogen atom in three kinds of inhomogeneous fields. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 188-193	2.3	7
14	Exploration of strong-field double ionization of CS ₂ molecule in bichromatic counterrotating circularly polarized laser fields. <i>Optics Communications</i> , 2016 , 380, 462-468	2	3
13	Asymmetric spatial distribution in the high-order harmonic generation of a H ₂ ⁺ molecule controlled by the combination of a mid-infrared laser pulse and a terahertz field. <i>Laser Physics Letters</i> , 2016 , 13, 075302	1.5	11
12	Polymorphism dependent charge transport property of 9,10-bis((E)-2-(pyrid-2-yl)vinyl)anthracene: a theoretical study. <i>RSC Advances</i> , 2015 , 5, 18875-18880	3.7	6
11	Spatial distribution on high-order-harmonic generation of an H ₂ ⁺ molecule in intense laser fields. <i>Physical Review A</i> , 2015 , 92,	2.6	39
10	Exploration of the nonsequential double-ionization process of a Mg atom with different delay time in few-cycle circularly polarized laser fields. <i>Physical Review A</i> , 2015 , 92,	2.6	25
9	Theoretical Study of Electronic Structures and Charge Transport Properties of 9,10-Bis((E)-2-(pyrid-n-yl) vinyl) (n=2,3,4) Anthracene. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 974-980	4.9	1
8	Influence of vibrational states on high-order-harmonic generation and an isolated attosecond pulse from a N ₂ molecule. <i>Physical Review A</i> , 2014 , 90,	2.6	16
7	Sensitivity of strong-field double ionization to the initial ensembles in circularly polarized laser fields. <i>Physical Review A</i> , 2014 , 90,	2.6	16
6	Quantum-path control and isolated-attosecond-pulse generation using H ₂ ⁺ molecules with moving nuclei in few-cycle laser pulses. <i>Physical Review A</i> , 2014 , 89,	2.6	30

- 5 Non-sequential double ionization of Mg atoms in elliptically polarized laser fields. *Laser Physics*, **2013**, 23, 055303 1.2 3
- 4 Exploration of nonsequential-double-ionization dynamics of Mg atoms in linearly and circularly polarized laser fields with different potentials. *Physical Review A*, **2013**, 88, 2.6 17
- 3 Isolated attosecond pulse generation from a model of Ar⁺ cluster in a synthesized two-color laser pulse. *Physical Review A*, **2012**, 85, 2.6 9
- 2 Lithium ionization by an intense laser field using classical ensemble simulation. *Physical Review A*, **2008**, 78, 2.6 13
- 1 Classical dynamics of 3D Hydrogen molecular ion in intense laser fields. *Journal of Mathematical Chemistry*, **2008**, 43, 1052-1068 2.1 6