

Yueming Zhou

List of Publications by Year in descending order

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91
papers

2,608
citations

172457

29
h-index

206112

48
g-index

91
all docs

91
docs citations

91
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpreting attoclock experiments from the perspective of Bohmian trajectories. <i>Physical Review A</i> , 2022, 105, .	2.5	6
2	Zeeman effect in strong-field ionization. <i>Physical Review A</i> , 2022, 105, .	2.5	5
3	Laser-induced deformation of atomic p_{\pm} orbitals in orthogonally polarized two-color laser fields. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, 1557.	2.1	1
4	Reconstruction of attosecond beating by interference of two-photon transitions on the lithium atom with Rabi oscillations. <i>Physical Review A</i> , 2022, 105, .	2.5	5
5	Probing the effect of orbital deformation on the atomic tunneling-ionization-time distribution by phase-of-the-phase spectroscopy. <i>Physical Review A</i> , 2022, 105, .	2.5	2
6	Full experimental determination of tunneling time with attosecond-scale streaking method. <i>Light: Science and Applications</i> , 2022, 11, .	16.6	18
7	Determination of the photoemission position in single-photon ionization with attosecond streaking spectroscopy. <i>Physical Review A</i> , 2021, 103, .	2.5	4
8	Frustrated tunneling ionization in strong circularly polarized two-color laser fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 035601.	1.5	9
9	Probing the launching position of the electron wave packet in molecule strong-field tunneling ionization. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	11
10	Intensity-dependent angular distribution of low-energy electrons generated by intense high-frequency laser pulse. <i>Optics Express</i> , 2021, 29, 16639.	3.4	10
11	Resolving and weighing the quantum orbits in strong-field tunneling ionization. <i>Advanced Photonics</i> , 2021, 3, .	11.8	17
12	Two-center interference and stereo Wigner time delay in photoionization of asymmetric molecules. <i>Physical Review A</i> , 2021, 104, .	2.5	8
13	Ultrafast imaging of spontaneous symmetry breaking in a photoionized molecular system. <i>Nature Communications</i> , 2021, 12, 4233.	12.8	12
14	Resonance-induced ionization enhancement and suppression of circular states of the hydrogen atom in strong laser fields. <i>Physical Review A</i> , 2021, 104, .	2.5	2
15	Extracting the phase distribution of the electron wave packet ionized by an elliptically polarized laser pulse. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	4
16	Photoelectron holography in strong-field tunneling ionization by a spatially inhomogeneous field. <i>Physical Review A</i> , 2021, 104, .	2.5	8
17	Analyzing the electron trajectories in strong-field tunneling ionization with the phase-of-the-phase spectroscopy. <i>Optics Express</i> , 2021, 29, 37927.	3.4	2
18	Picometer-Resolved Photoemission Position within the Molecule by Strong-Field Photoelectron Holography. <i>Physical Review Letters</i> , 2021, 127, 263202.	7.8	12

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19	Photoelectron ionization time of aligned molecules clocked by attosecond angular streaking. <i>Physical Review A</i> , 2020, 102, .	2.5	14
20	Atomic dynamic interference in intense linearly and circularly polarized XUV pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 095601.	1.5	13
21	Resolving strong-field tunneling ionization with a temporal double-slit interferometer. <i>Physical Review A</i> , 2020, 101, .	2.5	10
22	Revealing the effect of atomic orbitals on the phase distribution of an ionizing electron wave packet with circularly polarized two-color laser fields. <i>Optics Express</i> , 2020, 28, 12439.	3.4	6
23	Nonadiabaticity-induced ionization time shift in strong-field tunneling ionization. <i>Physical Review A</i> , 2019, 100, .	2.5	10
24	Asymmetry of the photoelectron momentum distribution from molecular ionization in elliptically polarized laser pulses. <i>Physical Review A</i> , 2019, 99, .	2.5	13
25	Exit momentum and instantaneous ionization rate of nonadiabatic tunneling ionization in elliptically polarized laser fields. <i>Physical Review A</i> , 2019, 99, .	2.5	32
26	Photoelectron Holographic Interferometry to Probe the Longitudinal Momentum Offset at the Tunnel Exit. <i>Physical Review Letters</i> , 2019, 122, 183202.	7.8	51
27	Photoelectron holographic interferences from multiple returning in strong-field tunneling ionization. <i>Optical and Quantum Electronics</i> , 2019, 51, 1.	3.3	13
28	Time-resolving tunneling ionization via strong-field photoelectron holography. <i>Physical Review A</i> , 2019, 99, .	2.5	30
29	Detecting and Characterizing the Nonadiabaticity of Laser-Induced Quantum Tunneling. <i>Physical Review Letters</i> , 2019, 122, 053202.	7.8	40
30	Semiclassical analysis of photoelectron interference in a synthesized two-color laser pulse. <i>Physical Review A</i> , 2019, 100, .	2.5	23
31	Timing the release of the correlated electrons in strong-field nonsequential double ionization by circularly polarized two-color laser fields. <i>Optics Express</i> , 2019, 27, 1825.	3.4	36
32	Internal collision induced strong-field nonsequential double ionization in molecules. <i>Optics Express</i> , 2019, 27, 6415.	3.4	20
33	Identification of tunneling and multiphoton ionization in intermediate Keldysh parameter regime. <i>Optics Express</i> , 2019, 27, 6471.	3.4	29
34	Frustrated tunneling ionization in the elliptically polarized strong laser fields. <i>Optics Express</i> , 2019, 27, 21689.	3.4	36
35	Two-dimensional photoelectron holography in strong-field tunneling ionization by counter rotating two-color circularly polarized laser pulses. <i>Optics Express</i> , 2019, 27, 32193.	3.4	23
36	Low-energy photoelectron interference structure in attosecond streaking. <i>Optics Express</i> , 2019, 27, 37736.	3.4	9

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37	Strong-field photoelectron holography of atoms by bicircular two-color laser pulses. <i>Physical Review A</i> , 2018, 97, .	2.5	39
38	Identifying the contributions of multiple-returning recollision orbits in strong-field above-threshold ionization. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	30
39	Rabi oscillation in few-photon double ionization through doubly excited states. <i>Physical Review A</i> , 2018, 97, .	2.5	30
40	Direct Visualization of Valence Electron Motion Using Strong-Field Photoelectron Holography. <i>Physical Review Letters</i> , 2018, 120, 133204.	7.8	90
41	Imaging charge migration in the asymmetric molecule with the holographic interference in strong-field tunneling ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 245602.	1.5	3
42	Determination of the Ionization Time Using Attosecond Photoelectron Interferometry. <i>Physical Review Letters</i> , 2018, 121, 253203.	7.8	69
43	Photoelectron holography and forward scattering in atomic ionization by elliptically polarized laser pulses. <i>Optics Letters</i> , 2018, 43, 3220.	3.3	20
44	Controlling nonsequential double ionization of Ne with parallel-polarized two-color laser pulses. <i>Optics Express</i> , 2018, 26, 13666.	3.4	14
45	Attosecond control of correlated electron dynamics in strong-field nonsequential double ionization by parallel two-color pulses. <i>Optics and Laser Technology</i> , 2018, 108, 235-240.	4.6	23
46	Accurate measurement of laser intensity using photoelectron interference in strong-field tunneling ionization. <i>Optics Express</i> , 2018, 26, 20063.	3.4	11
47	Steering electron correlation time by elliptically polarized femtosecond laser pulses. <i>Optics Express</i> , 2018, 26, 33400.	3.4	3
48	Correlated electron-nuclear dynamics in above-threshold multiphoton ionization of asymmetric molecule. <i>Scientific Reports</i> , 2017, 7, 42585.	3.3	17
49	Revealing the target structure information encoded in strong-field photoelectron hologram. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	23
50	Nonsequential double ionization of Xe by mid-infrared laser pulses. <i>Optical and Quantum Electronics</i> , 2017, 49, 1.	3.3	25
51	Universal time delay in the recollision impact ionization pathway of strong-field nonsequential double ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 225601.	1.5	7
52	Angular-dependent asymmetries of above-threshold ionization in a two-color laser field. <i>Physical Review A</i> , 2017, 96, .	2.5	18
53	Attosecond Probing of Nuclear Dynamics with Trajectory-Resolved High-Harmonic Spectroscopy. <i>Physical Review Letters</i> , 2017, 119, 033201.	7.8	111
54	Correlated electron dynamics in strong-field nonsequential double ionization of Mg. <i>Journal of Chemical Physics</i> , 2017, 147, 174302.	3.0	6

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55	Energy-dependent angular shifts in the photoelectron momentum distribution for atoms in elliptically polarized laser pulses. <i>Physical Review A</i> , 2017, 96, .	2.5	27
56	Carrier-envelope phase dependent photoelectron energy spectra in low intensity regime. <i>Optics Express</i> , 2017, 25, 11233.	3.4	16
57	Dissection of electron correlation in strong-field sequential double ionization using a classical model. <i>Optics Express</i> , 2017, 25, 8450.	3.4	21
58	Correlated electron dynamics in strong-field double ionization. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2017, 47, 033005.	0.4	5
59	Identifying backward-rescattering photoelectron hologram with orthogonal two-color laser fields. <i>Optics Express</i> , 2016, 24, 23697.	3.4	20
60	Intra-half-cycle interference of low-energy photoelectron in strong midinfrared laser fields. <i>Optics Express</i> , 2016, 24, 27726.	3.4	21
61	The contribution of the delayed ionization in strong-field nonsequential double ionization. <i>Journal of Chemical Physics</i> , 2016, 144, 024304.	3.0	22
62	Time-resolved internal-electron-scattering effect of H ₂ ⁺ in enhanced ionization regions. <i>Physical Review A</i> , 2016, 94, .	2.5	12
63	Counterintuitive energy shifts in joint electron–nuclear-energy spectra of strong-field fragmentation of H ₂ ⁺ . <i>Physical Review A</i> , 2016, 93, .	2.5	19
64	Multiple recollisions in strong-field nonsequential double ionization. <i>Physical Review A</i> , 2016, 93, .	2.5	52
65	Temporal and spatial manipulation of the recolliding wave packet in strong-field photoelectron holography. <i>Physical Review A</i> , 2016, 93, .	2.5	39
66	Role of Coulomb repulsion in correlated-electron emission from a doubly excited state in nonsequential double ionization of molecules. <i>Physical Review A</i> , 2016, 93, .	2.5	27
67	Near-Forward Rescattering Photoelectron Holography in Strong-Field Ionization: Extraction of the Phase of the Scattering Amplitude. <i>Physical Review Letters</i> , 2016, 116, 173001.	7.8	100
68	An aplanatic-lens velocity map imaging spectrometer with improved kinetic energy resolution for photoions. <i>International Journal of Mass Spectrometry</i> , 2016, 406, 55-61.	1.5	1
69	Selective enhancement of resonant multiphoton ionization with strong laser fields. <i>Physical Review A</i> , 2015, 92, .	2.5	56
70	Resolving subcycle electron emission in strong-field sequential double ionization. <i>Optics Express</i> , 2015, 23, 15774.	3.4	45
71	Tunneling site of electrons in strong-field-enhanced ionization of molecules. <i>Physical Review A</i> , 2014, 90, .	2.5	15
72	Transitions between different channels in molecular nonsequential double ionization by few-cycle laser pulses. <i>Physical Review A</i> , 2014, 89, .	2.5	6

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73	Subcycle Control of Electron-Electron Correlation in Double Ionization. <i>Physical Review Letters</i> , 2014, 112, 193002.	7.8	97
74	Attosecond-resolved electron emission in nonsequential double ionization. <i>Physical Review A</i> , 2013, 88, .	2.5	9
75	Contribution of recollision ionization to the cross-shaped structure in nonsequential double ionization. <i>Optics Express</i> , 2013, 21, 11382.	3.4	104
76	Correlated electron dynamics in nonsequential double ionization of molecules by mid-infrared fields. <i>Optics Express</i> , 2012, 20, 19580.	3.4	10
77	Revealing the multi-electron effects in sequential double ionization using classical simulations. <i>Optics Express</i> , 2012, 20, 20201.	3.4	27
78	Classical Simulations Including Electron Correlations for Sequential Double Ionization. <i>Physical Review Letters</i> , 2012, 109, 053004.	7.8	159
79	Multiphoton Rabi oscillations of correlated electrons in strong-field nonsequential double ionization. <i>New Journal of Physics</i> , 2012, 14, 013001.	2.9	67
80	Classical description of strong-field double ionization by elliptical laser pulses. <i>Physical Review A</i> , 2012, 86, .	2.5	31
81	Correlated electron dynamics in nonsequential double ionization by orthogonal two-color laser pulses. <i>Optics Express</i> , 2011, 19, 2301.	3.4	100
82	The effect of molecular alignment on correlated electron dynamics in nonsequential double ionization. <i>Optics Express</i> , 2011, 19, 5627.	3.4	35
83	Control the revisit time of the electron wave packet. <i>Optics Letters</i> , 2011, 36, 2758.	3.3	35
84	Coulomb-tail effect of electron-electron interaction on nonsequential double ionization. <i>Physical Review A</i> , 2011, 84, .	2.5	42
85	Asymmetric electron energy sharing in strong-field double ionization of helium. <i>Physical Review A</i> , 2010, 82, .	2.5	103
86	Internuclear-distance dependence of electron correlation in nonsequential double ionization of H ₂ . <i>Optics Express</i> , 2010, 18, 9064.	3.4	27
87	Complex sub-laser-cycle electron dynamics in strong-field nonsequential triple ionization. <i>Optics Express</i> , 2010, 18, 16025.	3.4	47
88	Controlling nonsequential double ionization via two-color few-cycle pulses. <i>Optics Express</i> , 2010, 18, 632.	3.4	52
89	Mechanism for high-energy electrons in nonsequential double ionization below the recollision-excitation threshold. <i>Physical Review A</i> , 2009, 80, .	2.5	74
90	Taking snapshots of the moving electron wave packet in molecules using photoelectron holography in strong-field tunneling ionization. <i>Chinese Physics B</i> , 0, , .	1.4	2

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91	Angular shift of Autler-Townes doublet from multi-photon ionization of molecules by circularly polarized laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	1.5	0