Yueming Zhou

List of Publications by Year in descending order

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		172457	206112
91	2,608	29	48
papers	citations	h-index	g-index

91	91	91	597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Classical Simulations Including Electron Correlations for Sequential Double Ionization. Physical Review Letters, 2012, 109, 053004.	7.8	159
2	Attosecond Probing of Nuclear Dynamics with Trajectory-Resolved High-Harmonic Spectroscopy. Physical Review Letters, 2017, 119, 033201.	7.8	111
3	Contribution of recollision ionization to the cross-shaped structure in nonsequential double ionization. Optics Express, 2013, 21, 11382.	3.4	104
4	Asymmetric electron energy sharing in strong-field double ionization of helium. Physical Review A, 2010, 82, .	2.5	103
5	Correlated electron dynamics in nonsequential double ionization by orthogonal two-color laser pulses. Optics Express, 2011, 19, 2301.	3.4	100
6	Near-Forward Rescattering Photoelectron Holography in Strong-Field Ionization: Extraction of the Phase of the Scattering Amplitude. Physical Review Letters, 2016, 116, 173001.	7.8	100
7	Subcycle Control of Electron-Electron Correlation in Double Ionization. Physical Review Letters, 2014, 112, 193002.	7.8	97
8	Direct Visualization of Valence Electron Motion Using Strong-Field Photoelectron Holography. Physical Review Letters, 2018, 120, 133204.	7.8	90
9	Mechanism for high-energy electrons in nonsequential double ionization below the recollision-excitation threshold. Physical Review A, 2009, 80, .	2.5	74
10	Determination of the Ionization Time Using Attosecond Photoelectron Interferometry. Physical Review Letters, 2018, 121, 253203.	7.8	69
11	Multiphoton Rabi oscillations of correlated electrons in strong-field nonsequential double ionization. New Journal of Physics, 2012, 14, 013001.	2.9	67
12	Selective enhancement of resonant multiphoton ionization with strong laser fields. Physical Review A, 2015, 92, .	2.5	56
13	Controlling nonsequential double ionization via two-color few-cycle pulses. Optics Express, 2010, 18, 632.	3.4	52
14	Multiple recollisions in strong-field nonsequential double ionization. Physical Review A, 2016, 93, .	2.5	52
15	Photoelectron Holographic Interferometry to Probe the Longitudinal Momentum Offset at the Tunnel Exit. Physical Review Letters, 2019, 122, 183202.	7.8	51
16	Complex sub-laser-cycle electron dynamics in strong-field nonsequential triple ionizaion. Optics Express, 2010, 18, 16025.	3.4	47
17	Resolving subcycle electron emission in strong-field sequential double ionization. Optics Express, 2015, 23, 15774.	3.4	45
18	Coulomb-tail effect of electron-electron interaction on nonsequential double ionization. Physical Review A, 2011, 84, .	2.5	42

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19	Detecting and Characterizing the Nonadiabaticity of Laser-Induced Quantum Tunneling. Physical Review Letters, 2019, 122, 053202.	7.8	40
20	Temporal and spatial manipulation of the recolliding wave packet in strong-field photoelectron holography. Physical Review A, 2016, 93, .	2.5	39
21	Strong-field photoelectron holography of atoms by bicircular two-color laser pulses. Physical Review A, 2018, 97, .	2.5	39
22	Timing the release of the correlated electrons in strong-field nonsequential double ionization by circularly polarized two-color laser fields. Optics Express, 2019, 27, 1825.	3.4	36
23	Frustrated tunneling ionization in the elliptically polarized strong laser fields. Optics Express, 2019, 27, 21689.	3.4	36
24	The effect of molecular alignment on correlated electron dynamics in nonsequential double ionization. Optics Express, 2011, 19, 5627.	3.4	35
25	Control the revisit time of the electron wave packet. Optics Letters, 2011, 36, 2758.	3.3	35
26	Exit momentum and instantaneous ionization rate of nonadiabatic tunneling ionization in elliptically polarized laser fields. Physical Review A, 2019, 99, .	2.5	32
27	Classical description of strong-field double ionization by elliptical laser pulses. Physical Review A, 2012, 86, .	2.5	31
28	Identifying the contributions of multiple-returning recollision orbits in strong-field above-threshold ionization. Optical and Quantum Electronics, 2018, 50, 1.	3.3	30
29	Rabi oscillation in few-photon double ionization through doubly excited states. Physical Review A, 2018, 97, .	2.5	30
30	Time-resolving tunneling ionization via strong-field photoelectron holography. Physical Review A, 2019, 99, .	2.5	30
31	Identification of tunneling and multiphoton ionization in intermediate Keldysh parameter regime. Optics Express, 2019, 27, 6471.	3.4	29
32	Internuclear-distance dependence of electron correlation in nonsequential double ionization of H_2. Optics Express, 2010, 18, 9064.	3.4	27
33	Revealing the multi-electron effects in sequential double ionization using classical simulations. Optics Express, 2012, 20, 20201.	3.4	27
34	Role of Coulomb repulsion in correlated-electron emission from a doubly excited state in nonsequential double ionization of molecules. Physical Review A, 2016, 93, .	2.5	27
35	Energy-dependent angular shifts in the photoelectron momentum distribution for atoms in elliptically polarized laser pulses. Physical Review A, 2017, 96, .	2.5	27
36	Nonsequential double ionization of Xe by mid-infrared laser pulses. Optical and Quantum Electronics, 2017, 49, 1.	3.3	25

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37	Revealing the target structure information encoded in strong-field photoelectron hologram. Optical and Quantum Electronics, 2017, 49, 1.	3.3	23
38	Attosecond control of correlated electron dynamics in strong-field nonsequential double ionization by parallel two-color pulses. Optics and Laser Technology, 2018, 108, 235-240.	4.6	23
39	Semiclassical analysis of photoelectron interference in a synthesized two-color laser pulse. Physical Review A, 2019, 100, .	2.5	23
40	Two-dimensional photoelectron holography in strong-field tunneling ionization by counter rotating two-color circularly polarized laser pulses. Optics Express, 2019, 27, 32193.	3.4	23
41	The contribution of the delayed ionization in strong-field nonsequential double ionization. Journal of Chemical Physics, 2016, 144, 024304.	3.0	22
42	Intra-half-cycle interference of low-energy photoelectron in strong midinfrared laser fields. Optics Express, 2016, 24, 27726.	3.4	21
43	Dissection of electron correlation in strong-field sequential double ionization using a classical model. Optics Express, 2017, 25, 8450.	3.4	21
44	Identifying backward-rescattering photoelectron hologram with orthogonal two-color laser fields. Optics Express, 2016, 24, 23697.	3.4	20
45	Photoelectron holography and forward scattering in atomic ionization by elliptically polarized laser pulses. Optics Letters, 2018, 43, 3220.	3.3	20
46	Internal collision induced strong-field nonsequential double ionization in molecules. Optics Express, 2019, 27, 6415.	3.4	20
47	Counterintuitive energy shifts in joint electronâ€“nuclear-energy spectra of strong-field fragmentation ofH2+. Physical Review A, 2016, 93, .	2.5	19
48	Angular-dependent asymmetries of above-threshold ionization in a two-color laser field. Physical Review A, 2017, 96, .	2.5	18
49	Full experimental determination of tunneling time with attosecond-scale streaking method. Light: Science and Applications, 2022, 11, .	16.6	18
50	Correlated electron-nuclear dynamics in above-threshold multiphoton ionization of asymmetric molecule. Scientific Reports, 2017, 7, 42585.	3.3	17
51	Resolving and weighing the quantum orbits in strong-field tunneling ionization. Advanced Photonics, 2021, 3, .	11.8	17
52	Carrier-envelope phase dependent photoelectron energy spectra in low intensity regime. Optics Express, 2017, 25, 11233.	3.4	16
53	Tunneling site of electrons in strong-field-enhanced ionization of molecules. Physical Review A, 2014, 90, .	2.5	15
54	Controlling nonsequential double ionization of Ne with parallel-polarized two-color laser pulses. Optics Express, 2018, 26, 13666.	3.4	14

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55	Photoelectron ionization time of aligned molecules clocked by attosecond angular streaking. Physical Review A, 2020, 102, .	2.5	14
56	Asymmetry of the photoelectron momentum distribution from molecular ionization in elliptically polarized laser pulses. Physical Review A, 2019, 99, .	2.5	13
57	Photoelectron holographic interferences from multiple returning in strong-field tunneling ionization. Optical and Quantum Electronics, 2019, 51, 1.	3.3	13
58	Atomic dynamic interference in intense linearly and circularly polarized XUV pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 095601.	1.5	13
59	Time-resolved internal-electron-scattering effect ofH2+in enhanced ionization regions. Physical Review A, 2016, 94, .	2.5	12
60	Ultrafast imaging of spontaneous symmetry breaking in a photoionized molecular system. Nature Communications, 2021, 12, 4233.	12.8	12
61	Picometer-Resolved Photoemission Position within the Molecule by Strong-Field Photoelectron Holography. Physical Review Letters, 2021, 127, 263202.	7.8	12
62	Probing the launching position of the electron wave packet in molecule strong-field tunneling ionization. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	11
63	Accurate measurement of laser intensity using photoelectron interference in strong-field tunneling ionization. Optics Express, 2018, 26, 20063.	3.4	11
64	Correlated electron dynamics in nonsequential double ionization of molecules by mid-infrared fields. Optics Express, 2012, 20, 19580.	3.4	10
65	Nonadiabaticity-induced ionization time shift in strong-field tunneling ionization. Physical Review A, 2019, 100, .	2.5	10
66	Resolving strong-field tunneling ionization with a temporal double-slit interferometer. Physical Review A, 2020, 101, .	2.5	10
67	Intensity-dependent angular distribution of low-energy electrons generated by intense high-frequency laser pulse. Optics Express, 2021, 29, 16639.	3.4	10
68	Attosecond-resolved electron emission in nonsequential double ionization. Physical Review A, 2013, 88, .	2.5	9
69	Frustrated tunneling ionization in strong circularly polarized two-color laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 035601.	1.5	9
70	Low-energy photoelectron interference structure in attosecond streaking. Optics Express, 2019, 27, 37736.	3.4	9
71	Two-center interference and stereo Wigner time delay in photoionization of asymmetric molecules. Physical Review A, 2021, 104, .	2.5	8
72	Photoelectron holography in strong-field tunneling ionization by a spatially inhomogeneous field. Physical Review A, 2021, 104, .	2.5	8

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73	Universal time delay in the recollision impact ionization pathway of strong-field nonsequential double ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 225601.	1.5	7
74	Transitions between different channels in molecular nonsequential double ionization by few-cycle laser pulses. Physical Review A, 2014, 89, .	2.5	6
75	Correlated electron dynamics in strong-field nonsequential double ionization of Mg. Journal of Chemical Physics, 2017, 147, 174302.	3.0	6
76	Revealing the effect of atomic orbitals on the phase distribution of an ionizing electron wave packet with circularly polarized two-color laser fields. Optics Express, 2020, 28, 12439.	3.4	6
77	Interpreting attoclock experiments from the perspective of Bohmian trajectories. Physical Review A, 2022, 105, .	2.5	6
78	Correlated electron dynamics in strong-field double ionization. Scientia Sinica: Physica, Mechanica Et Astronomica, 2017, 47, 033005.	0.4	5
79	Zeeman effect in strong-field ionization. Physical Review A, 2022, 105, .	2.5	5
80	Reconstruction of attosecond beating by interference of two-photon transitions on the lithium atom with Rabi oscillations. Physical Review A, 2022, 105, .	2.5	5
81	Determination of the photoemission position in single-photon ionization with attosecond streaking spectroscopy. Physical Review A, 2021, 103, .	2.5	4
82	Extracting the phase distribution of the electron wave packet ionized by an elliptically polarized laser pulse. Frontiers of Physics, 2021, 16, 1.	5.0	4
83	Imaging charge migration in the asymmetric molecule with the holographic interference in strong-field tunneling ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 245602.	1.5	3
84	Steering electron correlation time by elliptically polarized femtosecond laser pulses. Optics Express, 2018, 26, 33400.	3.4	3
85	Taking snapshots of the moving electron wave packet in molecules using photoelectron holography in strong-field tunneling ionization. Chinese Physics B, 0, , .	1.4	2
86	Resonance-induced ionization enhancement and suppression of circular states of the hydrogen atom in strong laser fields. Physical Review A, 2021, 104, .	2.5	2
87	Analyzing the electron trajectories in strong-field tunneling ionization with the phase-of-the-phase spectroscopy. Optics Express, 2021, 29, 37927.	3.4	2
88	Probing the effect of orbital deformation on the atomic tunneling-ionization-time distribution by phase-of-the-phase spectroscopy. Physical Review A, 2022, 105, .	2.5	2
89	An aplanatic-lens velocity map imaging spectrometer with improved kinetic energy resolution for photoions. International Journal of Mass Spectrometry, 2016, 406, 55-61.	1.5	1
90	Laser-induced deformation of atomic p_{Â±} orbitals in orthogonally polarized two-color laser fields. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 1557.	2.1	1

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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