

Zhangjin Chen

List of Publications by Year in descending order

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1,325
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430874

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624
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticorrelation in nonsequential double ionization of helium. <i>Physical Review A</i> , 2021, 103, .	2.5	3
2	Single-cycle versus multicycle nonsequential double ionization of argon. <i>Physical Review A</i> , 2021, 104, .	2.5	5
3	Evidence of potential change in nonsequential double ionization*. <i>Chinese Physics B</i> , 2021, 30, 023401.	1.4	2
4	Intensity dependence in nonsequential double ionization of helium. <i>Optics Express</i> , 2020, 28, 6490.	3.4	5
5	Nonsequential double ionization of Ar in near-single-cycle laser pulses. <i>Optics Express</i> , 2020, 28, 22231.	3.4	6
6	Revisiting the recollisional excitation-tunneling process in strong-field nonsequential double ionization of helium. <i>Physical Review A</i> , 2019, 100, .	2.5	13
7	Quantitative rescattering theory for nonsequential double ionization. <i>Chinese Physics B</i> , 2019, 28, 123401.	1.4	10
8	Revisiting the recollisional (T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"))	2.5	12
9	Pulse-duration dependence of the double-to-single ionization ratio of Ne by intense 780-nm and 800-nm laser fields: Comparison of simulations with experiments. <i>Physical Review A</i> , 2019, 99, .	2.5	12
10	Ratios of double to single ionization of He and Ne by strong 400-nm laser pulses using the quantitative rescattering theory. <i>Physical Review A</i> , 2018, 97, .	2.5	17
11	Identification of doubly excited states in nonsequential double ionization of Ar in strong laser fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 245601.	1.5	2
12	Retrieval of parameters of few-cycle laser pulses from high-energy photoelectron spectra of atoms by a genetic algorithm. <i>Physical Review A</i> , 2017, 95, .	2.5	2
13	Unraveling nonadiabatic ionization and Coulomb potential effect in strong-field photoelectron holography. <i>Scientific Reports</i> , 2016, 6, 28392.	3.3	45
14	Numerical simulation of the double-to-single ionization ratio for the helium atom in strong laser fields. <i>Physical Review A</i> , 2015, 92, .	2.5	20
15	Insensitivity to the long-range Coulomb potential in laser-induced elastic scattering of electrons with ions. <i>Physical Review A</i> , 2013, 88, .	2.5	3
16	Calibration of distorted wave Born approximation for electron impact excitation of Ne and Ar at incident energies below 100 eV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 085201.	1.5	6
17	Strong-field nonsequential double ionization of Ar and Ne. <i>Physical Review A</i> , 2011, 84, .	2.5	29
18	Momentum spectra of electrons rescattered from rare-gas targets following their extraction by one- and two-color femtosecond laser pulses. <i>Physical Review A</i> , 2011, 83, .	2.5	37

#	ARTICLE	IF	CITATIONS
19	Quantitative rescattering theory of correlated two-electron momentum spectra for strong-field nonsequential double ionization of helium. <i>Physical Review A</i> , 2010, 82, .	2.5	23
20	Quantum Theory of Recollisional ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Nonsequential Double Ionization of Helium. <i>Physical Review Letters</i> , 2010, 104, 253201.	7.8	62
21	Complete real-time temporal waveform characterization of single-shot few-cycle laser pulses. <i>Physical Review A</i> , 2009, 80, .	2.5	23
22	Quantitative rescattering theory for laser-induced high-energy plateau photoelectron spectra. <i>Physical Review A</i> , 2009, 79, .	2.5	143
23	Genetic-algorithm implementation of atomic potential reconstruction from differential electron scattering cross sections. <i>Physical Review A</i> , 2009, 79, .	2.5	18
24	Origin of species dependence of high-energy plateau photoelectron spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 061001.	1.5	28
25	Isolated short attosecond pulse produced by using an intense few-cycle shaped laser and an ultraviolet attosecond pulse. <i>Physical Review A</i> , 2008, 78, .	2.5	47
26	Retrieval of electron-atom scattering cross sections from laser-induced electron rescattering of atomic negative ions in intense laser fields. <i>Physical Review A</i> , 2008, 77, .	2.5	36
27	Accurate Retrieval of Structural Information from Laser-Induced Photoelectron and High-Order Harmonic Spectra by Few-Cycle Laser Pulses. <i>Physical Review Letters</i> , 2008, 100, 013903.	7.8	371
28	Analysis of two-dimensional high-energy photoelectron momentum distributions in the single ionization of atoms by intense laser pulses. <i>Physical Review A</i> , 2007, 76, .	2.5	62
29	Two-dimensional electron momentum spectra of argon ionized by short intense lasers: Comparison of theory with experiment. <i>Physical Review A</i> , 2007, 75, .	2.5	113
30	Analysis of two-dimensional photoelectron momentum spectra and the effect of the long-range Coulomb potential in single ionization of atoms by intense lasers. <i>Physical Review A</i> , 2006, 74, .	2.5	118
31	Second-order distorted wave calculation for electron-impact ionization of helium to $\text{He}^+(n=1 \text{ and } 2)$. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 4195-4209.	1.5	24
32	Second-order distorted wave calculation for electron impact ionization of hydrogen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 981-995.	1.5	28