

Ming-Hu Yuan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exploring recollision of ultrafast electrons from photoelectron momentum distributions using single-cycle near-infrared laser pulses. <i>Physical Review A</i> , 2021, 103, .	2.5	9
2	Ultrafast Nonadiabatic Photoisomerization Dynamics Mechanism for the UV Photoprotection of Stilbenoids in Grape Skin. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1478-1483.	3.3	17
3	Angular distribution of photoelectron momentum in above-threshold ionization by circularly polarized laser pulses. <i>Physical Review A</i> , 2020, 101, .	2.5	8
4	Direct probing of tunneling time in strong-field ionization processes by time-dependent wave packets. <i>Optics Express</i> , 2019, 27, 6502.	3.4	6
5	Investigating tunneling process of atom exposed in circularly polarized strong-laser field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 055006.	1.5	4
6	Exploring tunneling time by instantaneous ionization rate in strong-field ionization. <i>Optics Express</i> , 2017, 25, 23493.	3.4	18
7	Laser intensity determination using nonadiabatic tunneling ionization of atoms in close-to-circularly polarized laser fields. <i>Optics Express</i> , 2016, 24, 23248.	3.4	12
8	Influence of wavelength on nonadiabatic effects in circularly polarized strong-field ionization. <i>Physical Review A</i> , 2015, 92, .	2.5	6
9	Rescattering of recolliding electron and low energy structure in few-cycle mid-infrared strong laser field: A 3D-TDSE study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 1133-1138.	2.1	0
10	Influence of pulse duration on above-threshold ionization in intensive circularly polarized laser field. <i>Canadian Journal of Physics</i> , 2015, 93, 93-99.	1.1	3
11	Computational efficiency improvement with Wigner rotation technique in studying atoms in intense few-cycle circularly polarized pulses. <i>Journal of Chemical Physics</i> , 2014, 140, 074108.	3.0	9
12	Harmonic Extension and Enhancement Using a Two-Color Chirped Pulse and an Ultrashort Ultraviolet Pulse. <i>Spectroscopy Letters</i> , 2014, 47, 781-789.	1.0	3
13	Solution to a 3D atom-laser interaction problem by sine-DVR and split-operator propagator. <i>Chemical Physics</i> , 2014, 435, 9-13.	1.9	7
14	A DFT/TD-DFT study of thiazolidinedione derivative in dimethylformamide: Cooperative roles of hydrogen bondings, electronic and vibrational spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 125, 131-137.	3.9	14
15	Attosecond x-ray source generation from two-color polarized gating plasmonic field enhancement. <i>Physics of Plasmas</i> , 2013, 20, 122307.	1.9	38