

Koudai Toyota

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	<i>xcalib</i> : a focal spot calibrator for intense X-ray free-electron laser pulses based on the charge state distributions of light atoms. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1017-1030.	2.4	16
2	Relativistic and resonant effects in the ionization of heavy atoms by ultra-intense hard X-rays. <i>Nature Communications</i> , 2018, 9, 4200.	12.8	29
3	Interplay between relativistic energy corrections and resonant excitations in x-ray multiphoton ionization dynamics of Xe atoms. <i>Physical Review A</i> , 2017, 95, .	2.5	19
4	Spatiotemporal interference of photoelectron wave packets and the time scale of nonadiabatic transitions in the high-frequency regime. <i>Physical Review A</i> , 2016, 94, .	2.5	5
5	Adiabatic approximations for electrons interacting with ultrashort high-frequency laser pulses. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092116.	0.4	0
6	The envelope Hamiltonian for electron interaction with ultrashort pulses. <i>New Journal of Physics</i> , 2015, 17, 073005.	2.9	16
7	Slow Electrons Generated by Intense High-Frequency Laser Pulses. <i>Physical Review Letters</i> , 2009, 103, 153003.	7.8	30
8	Photoelectron interference fringes by super intense x-ray laser pulses. <i>Journal of Physics: Conference Series</i> , 2009, 185, 012050.	0.4	0
9	Interference substructure of above-threshold ionization peaks in the stabilization regime. <i>Physical Review A</i> , 2008, 78, .	2.5	41
10	Siegert-state expansion in the Kramers-Henneberger frame: Interference substructure of above-threshold ionization peaks in the stabilization regime. <i>Physical Review A</i> , 2007, 76, .	2.5	56
11	Siegert pseudostate perturbation theory: One- and two-threshold cases. <i>Physical Review A</i> , 2005, 72, .	2.5	10
12	Two-channel Siegert pseudostate approach to a three-body Coulomb problem: S-wave resonances of $\text{Ps}^{\sim}(N=2,3)$. <i>Physical Review A</i> , 2003, 68, .	2.5	12