Thomas Ding

List of Publications by Year
in descending order

11 papers	407 citations	1478505 6 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	573 citing authors

#	Article	IF	Citations
1	Line-shape broadening of an autoionizing state in helium at high XUV intensity. New Journal of Physics, 2022, 24, 013014.	2.9	5
2	Laser Control of Electronic Exchange Interaction within a Molecule. Physical Review Letters, 2022, 128, 153001.	7.8	6
3	XUV pumpâ€“XUV probe transient absorption spectroscopy at FELs. Faraday Discussions, 2021, 228, 519-536.	3.2	4
4	Measuring the frequency chirp of extreme-ultraviolet free-electron laser pulses by transient absorption spectroscopy. Nature Communications, 2021, 12, 643.	12.8	14
5	All-XUV Pump-Probe Transient Absorption Spectroscopy of the Structural Molecular Dynamics of Di-iodomethane. Physical Review X, 2021, 11, .	8.9	13
6	XUV-Initiated Dissociation Dynamics of Molecular Oxygen (O₂). Journal of Physical Chemistry A, 2021, 125, 10138-10143.	2.5	5
7	Bound-State Electron Dynamics Driven by Near-Resonantly Detuned Intense and Ultrashort Pulsed XUV Fields. Applied Sciences (Switzerland), 2020, 10, 6153.	2.5	5
8	Strong-Field Extreme-Ultraviolet Dressing of Atomic Double Excitation. Physical Review Letters, 2019, 123, 163201.	7.8	38
9	Nonlinear Coherence Effects in Transient-Absorption Ion Spectroscopy with Stochastic Extreme-Ultraviolet Free-Electron Laser Pulses. Physical Review Letters, 2019, 123, 103001.	7.8	24
10	Reconstruction and control of a time-dependent two-electron wave packet. Nature, 2014, 516, 374-378.	27.8	245
11	Extracting Phase and Amplitude Modifications of Laser-Coupled Fano Resonances. Physical Review Letters, 2014, 112, 103001.	7.8	48