

Ultrafast electron dynamics in phenylalanine initiated b

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Importance of intensity-to-phase coupling for water-window high-order-harmonic generation with few-cycle pulses. <i>Physical Review A</i> , 2015, 91, .	1.0	6
3	Energy- and angle-resolved ionization of H_2 interacting with xuv subfemtosecond laser pulses. <i>Physical Review A</i> , 2015, 92, .	1.0	1
4	Initial electronic coherence in molecular dissociation induced by an attosecond pulse. <i>Physical Review A</i> , 2015, 92, .	1.0	4
5	Imaging interatomic electron current in crystals with ultrafast resonant x-ray scattering. <i>Physical Review B</i> , 2015, 92, .	1.1	14
6	Ultrafast Charge Transfer of a Valence Double Hole in Glycine Driven Exclusively by Nuclear Motion. <i>Physical Review Letters</i> , 2015, 115, 143002.	2.9	29
7	Electron dynamics following photoionization: Decoherence due to the nuclear-wave-packet width. <i>Physical Review A</i> , 2015, 92, .	1.0	70
8	Mapping the Dissociative Ionization Dynamics of Molecular Nitrogen with Attosecond Time Resolution. <i>Physical Review X</i> , 2015, 5, .	2.8	25
9	Self-referenced spectral interferometry for single-shot measurement of sub-5-fs pulses. <i>Review of Scientific Instruments</i> , 2015, 86, 113106.	0.6	11
10	Atomic-scale diffractive imaging of sub-cycle electron dynamics in condensed matter. <i>Scientific Reports</i> , 2015, 5, 14581.	1.6	38
11	On the ultrafast charge migration and subsequent charge directed reactivity in Cl \cdots N halogen-bonded clusters following vertical ionization. <i>Journal of Chemical Physics</i> , 2015, 142, 244309.	1.2	13
12	Attosecond beamline with actively stabilized and spatially separated beam paths. <i>Review of Scientific Instruments</i> , 2015, 86, 123106.	0.6	29
13	Towards XUV-pump XUV-probe experiments with attosecond pulses at the Lund Laser Centre. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112079.	0.3	0
14	Resolving XUV induced femtosecond and attosecond dynamics in polyatomic molecules with a compact attosecond beamline. <i>Journal of Physics: Conference Series</i> , 2015, 635, 012006.	0.3	11
15	XUV induced hydrogen migration in 5-halouracil. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112131.	0.3	3
16	Molecular interferometer using XUV attosecond pulses to unravel electron and nuclear dynamics. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112039.	0.3	0
17	Mapping ultrafast dynamics of highly excited D_2^+ by ultrashort XUV pump - IR probe radiation. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112080.	0.3	0
18	Charge and energy flows in ionised thymidine. <i>Journal of Physics: Conference Series</i> , 2015, 635, 032072.	0.3	0
19	Control of charge migration in molecules by ultrashort laser pulses. <i>Physical Review A</i> , 2015, 91, .	1.0	60

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21	Light at the extremes: From femto- to atto-science for real-time studies of atomic and electronic motions. <i>Europhysics Letters</i> , 2015, 112, 24001.	0.7	2
22	Theoretical methods for attosecond electron and nuclear dynamics: applications to the H ₂ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 242001.	0.6	50
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24	To catch and smash charge on the hop. <i>Science</i> , 2015, 350, 740-741.	6.0	12
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26	Laser-induced electron localization in H ₂ ⁺ : mixed quantum-classical dynamics based on the exact time-dependent potential energy surface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29271-29280.	1.3	40
27	Proton irradiation of DNA nucleosides in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 7172-7180.	1.3	22
28	Vibrationally Resolved Photoelectron Spectroscopy of Electronic Excited States of DNA Bases: Application to the $\tilde{\nu}_1$ State of Thymine Cation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1146-1153.	1.1	13
29	White-Light Optimal Control of Photoinduced Processes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 10925-10934.	1.5	1
30	Attosecond Hole Migration in Benzene Molecules Surviving Nuclear Motion. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 426-431.	2.1	105
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32	Flexible attosecond beamline for high harmonic spectroscopy and XUV/near-IR pump probe experiments requiring long acquisition times. <i>Review of Scientific Instruments</i> , 2015, 86, 033108.	0.6	24
33	Internal energy dependence in x-ray-induced molecular fragmentation: An experimental and theoretical study of thiophene. <i>Physical Review A</i> , 2015, 91, .	1.0	36
34	Vacuum-ultraviolet to infrared supercontinuum in hydrogen-filled photonic crystal fiber. <i>Optica</i> , 2015, 2, 292.	4.8	158
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44	Angle-dependent strong-field molecular ionization rates with tuned range-separated time-dependent density functional theory. <i>Journal of Chemical Physics</i> , 2016, 145, 094105.	1.2	38
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55	Single-order laser high harmonics in XUV for ultrafast photoelectron spectroscopy of molecular wavepacket dynamics. <i>Structural Dynamics</i> , 2016, 3, 062602.	0.9	9

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60	Attosecond optics and technology: progress to date and future prospects [Invited]. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 1081.	0.9	101
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66	Determination of Energy-Transfer Distributions in Ionizing Ion-Molecule Collisions. <i>Physical Review Letters</i> , 2016, 117, 073201.	2.9	39
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68	Extreme ultraviolet transient absorption of solids from femtosecond to attosecond timescales. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, C57.	0.9	19
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75	Implementation of the multiconfiguration time-dependent Hartree-Fock method for general molecules on a multiresolution Cartesian grid. <i>Physical Review A</i> , 2016, 93, .	1.0	26
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88	Probing in Space and Time the Nuclear Motion Driven by Nonequilibrium Electronic Dynamics in Ultrafast Pumped N_2 . <i>Journal of Physical Chemistry A</i> , 2016, 120, 3335-3342.	1.1	13
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162	Quantum control of coherent π -electron ring currents in polycyclic aromatic hydrocarbons. <i>Journal of Chemical Physics</i> , 2017, 147, 224301.	1.2	10
163	Characterizing and optimizing a laser-desorption molecular beam source. <i>Journal of Chemical Physics</i> , 2017, 147, 144204.	1.2	13
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