

Yuki Kobayashi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

510
citations

840585

11
h-index

839398

18
g-index

22
all docs

22
docs citations

22
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct mapping of curve-crossing dynamics in IBr by attosecond transient absorption spectroscopy. <i>Science</i> , 2019, 365, 79-83.	6.0	98
2	Disentangling conical intersection and coherent molecular dynamics in methyl bromide with attosecond transient absorption spectroscopy. <i>Nature Communications</i> , 2019, 10, 3133.	5.8	68
3	Generating high-contrast, near single-cycle waveforms with third-order dispersion compensation. <i>Optics Letters</i> , 2017, 42, 811.	1.7	56
4	Revealing electronic state-switching at conical intersections in alkyl iodides by ultrafast XUV transient absorption spectroscopy. <i>Nature Communications</i> , 2020, 11, 4042.	5.8	40
5	Communication: Gas-phase structural isomer identification by Coulomb explosion of aligned molecules. <i>Journal of Chemical Physics</i> , 2018, 148, .	1.2	35
6	Polarization Flipping of Even-Order Harmonics in Monolayer Transition-Metal Dichalcogenides. <i>Ultrafast Science</i> , 2021, 2021, .	5.8	34
7	X-ray transient absorption reveals the $1\text{Au}(n\tilde{\epsilon}^*)$ state of pyrazine in electronic relaxation. <i>Nature Communications</i> , 2021, 12, 5003.	5.8	29
8	Selectivity of Electronic Coherence and Attosecond Ionization Delays in Strong-Field Double Ionization. <i>Physical Review Letters</i> , 2018, 120, 233201.	2.9	28
9	Polarization-assisted amplitude gating as a route to tunable, high-contrast attosecond pulses. <i>Optica</i> , 2016, 3, 707.	4.8	26
10	Attosecond transient-absorption dynamics of xenon core-excited states in a strong driving field. <i>Physical Review A</i> , 2017, 95, .	1.0	24
11	Coherent electronic-vibrational dynamics in deuterium bromide probed via attosecond transient-absorption spectroscopy. <i>Physical Review A</i> , 2020, 101, .	1.0	20
12	Attosecond XUV probing of vibronic quantum superpositions in Br_2 . <i>Physical Review A</i> , 2020, 102, .		
13	<i>Ab initio</i> investigation of Br_3 core-excited states in HBr and HBr+ toward XUV probing of photochemical dynamics. <i>Structural Dynamics</i> , 2019, 6, 014101.	0.9	9
14	Attosecond spectroscopy reveals alignment dependent core-hole dynamics in the ICl molecule. <i>Nature Communications</i> , 2020, 11, 5810.	5.8	8
15	Ultrafast strong-field dissociation of vinyl bromide: An attosecond transient absorption spectroscopy and non-adiabatic molecular dynamics study. <i>Structural Dynamics</i> , 2021, 8, 034104.	0.9	8
16	NaI revisited: Theoretical investigation of predissociation via ultrafast XUV transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 151, 204103.	1.2	6
17	Visualizing coherent vibrational motion in the molecular iodine B^+ state using ultrafast XUV transient-absorption spectroscopy. <i>Physical Review A</i> , 2021, 104, .	1.0	5
18	Theoretical analysis of the role of complex transition dipole phase in XUV transient-absorption probing of charge migration. <i>Optics Express</i> , 2022, 30, 5673.	1.7	4

#	ARTICLE	IF	CITATIONS
19	Microjoule-level 20 fs UV pulses for the investigation of molecular dynamics via attosecond transient absorption spectroscopy. , 2020, ,		0