Wen Li

List of Publications by Year in descending order

65 papers	2,055 citations	279487 23 h-index	233125 45 g-index
66 all docs	66 docs citations	66 times ranked	1605 citing authors

#	Article	IF	Citations
1	Time-Resolved Dynamics in N ₂ O ₄ Probed Using High Harmonic Generation. Science, 2008, 322, 1207-1211.	6.0	317
2	Elliptically Polarized High-Order Harmonic Emission from Molecules in Linearly Polarized Laser Fields. Physical Review Letters, 2009, 102, 073902.	2.9	203
3	Megapixel ion imaging with standard video. Review of Scientific Instruments, 2005, 76, 063106.	0.6	148
4	Molecular Recollision Interferometry in High Harmonic Generation. Physical Review Letters, 2008, 100, 073902.	2.9	147
5	Strong-Field Ionization Rate Depends on the Sign of the Magnetic Quantum Number. Physical Review Letters, 2012, 109, 043004.	2.9	113
6	Observing the Creation of Electronic Feshbach Resonances in Soft X-rayâ€“Induced O ₂ Dissociation. Science, 2008, 322, 1081-1085.	6.0	96
7	Direct Measurement of the Angular Dependence of the Single-Photon Ionization of Aligned N₂ and CO₂. Journal of Physical Chemistry A, 2008, 112, 9382-9386.	1.1	88
8	Visualizing electron rearrangement in space and time during the transition from a molecule to atoms. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20219-20222.	3.3	70
9	First use of a divalent lanthanide for visible-light-promoted photoredox catalysis. Chemical Science, 2018, 9, 1273-1278.	3.7	66
10	Extracting the phase of high-order harmonic emission from a molecule using transient alignment in mixed samples. Physical Review A, 2007, 76, .	1.0	55
11	Universal and State-Resolved Imaging of Chemical Dynamics. Journal of Physical Chemistry A, 2005, 109, 8661-8674.	1.1	50
12	Coincidence ion imaging with a fast frame camera. Review of Scientific Instruments, 2014, 85, 123303.	0.6	50
13	Rotationally resolved reactive scattering: Imaging detailed Cl+C2H6 reaction dynamics. Journal of Chemical Physics, 2006, 125, 133107.	1.2	37
14	Communication: Time- and space-sliced velocity map electron imaging. Journal of Chemical Physics, 2014, 141, 221101.	1.2	36
15	Coulomb-repulsion-assisted double ionization from doubly excited states of argon. Physical Review A, 2017, 96, .	1.0	36
16	State-resolved reactive scattering by slice imaging: A new view of the Cl+C2H6 reaction. Journal of Chemical Physics, 2006, 124, 011102.	1.2	35
17	Attosecond Electron Correlation Dynamics in Double Ionization of Benzene Probed with Two-Electron Angular Streaking. Physical Review Letters, 2017, 119, 123201.	2.9	34
18	Superexcited State Dynamics Probed with an Extreme-Ultraviolet Free Electron Laser. Physical Review Letters, 2004, 92, 083002.	2.9	32

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19	Probing of the hot-band excitations in the photodissociation of OCS at 288 nm by DC slice imaging. Canadian Journal of Chemistry, 2004, 82, 880-884.	0.6	26
20	Dynamics of CN+alkane reactions by crossed-beam dc slice imaging. Journal of Chemical Physics, 2008, 129, 074301.	1.2	26
21	Disentangling Strong-Field Multielectron Dynamics with Angular Streaking. Journal of Physical Chemistry Letters, 2018, 9, 2539-2545.	2.1	26
22	A Reaction Accelerator: Mid-infrared Strong Field Dissociation Yields Mode-Selective Chemistry. Journal of Physical Chemistry Letters, 2012, 3, 2541-2547.	2.1	24
23	Measuring the intensity and phase of high-order harmonic emission from aligned molecules. Chemical Physics, 2009, 366, 22-32.	0.9	23
24	Note: An improved 3D imaging system for electron-electron coincidence measurements. Review of Scientific Instruments, 2015, 86, 096110.	0.6	21
25	Orbital-resolved nonadiabatic tunneling ionization. Physical Review A, 2017, 96, .	1.0	21
26	Developing a camera-based 3D momentum imaging system capable of 1 Mhits/s. Review of Scientific Instruments, 2020, 91, 023316.	0.6	19
27	Two-color reduced-Doppler ion imaging. Journal of Chemical Physics, 2006, 125, 121101.	1.2	17
28	Nuclear Motion Driven Ultrafast Photodissociative Charge Transfer of the PENNA Cation: An Experimental and Computational Study. Journal of Physical Chemistry A, 2017, 121, 1442-1447.	1.1	16
29	A new electron-ion coincidence 3D momentum-imaging method and its application in probing strong field dynamics of 2-phenylethyl-N, N-dimethylamine. Journal of Chemical Physics, 2017, 147, 013920.	1.2	15
30	Bond-Selective Dissociation of Polyatomic Cations in Mid-Infrared Strong Fields. Journal of Physical Chemistry A, 2013, 117, 11202-11209.	1.1	13
31	Ultrafast 25-fs relaxation in highly excited states of methyl azide mediated by strong nonadiabatic coupling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11072-E11081.	3.3	13
32	Demonstration of multi-hit and multi-mass capability of 3D imaging in a conventional velocity map imaging experiment. Journal of Chemical Physics, 2018, 149, 084202.	1.2	12
33	Angular dependence of strong field sequential double ionization for neon and acetylene simulated with time-dependent configuration interaction using CIS and CISD-IP. Journal of Chemical Physics, 2020, 152, 064106.	1.2	12
34	Three-dimensional (3D) velocity map imaging: from technique to application. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 023001.	0.6	12
35	Multiphoton processes of CO at 230 nm. Physical Chemistry Chemical Physics, 2006, 8, 2950.	1.3	10
36	State-resolved three-dimensional electron-momentum correlation in nonsequential double ionization of benzene. Physical Review A, 2016, 93, .	1.0	10

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37	Dissociative photoionization dynamics in ethane studied by velocity map imaging. Chemical Physics Letters, 2003, 374, 334-340.	1.2	9
38	DC slice ion imaging of the ultraviolet photodissociation of BrCN. Chemical Physics Letters, 2006, 426, 242-247.	1.2	9
39	HCO+ dissociation in a strong laser field: An ab initio classical trajectory study. Chemical Physics Letters, 2012, 536, 14-18.	1.2	9
40	Angular Dependence of Strong Field Ionization of 2-Phenylethyl-N,N-dimethylamine (PENNA) Using Time-Dependent Configuration Interaction with an Absorbing Potential. Journal of Physical Chemistry A, 2020, 124, 4777-4781.	1.1	9
41	Effect of spinâ€“orbit coupling on strong field ionization simulated with time-dependent configuration interaction. Journal of Chemical Physics, 2020, 153, 244109.	1.2	9
42	Angle-dependent strong-field ionization of triple bonded systems calculated by time-dependent configuration interaction with an absorbing potential. Canadian Journal of Chemistry, 2016, 94, 989-997.	0.6	8
43	Laser-Induced Low Energy Electron Diffraction in Aligned Molecules. Journal of Physical Chemistry A, 2012, 116, 1950-1955.	1.1	7
44	Observation of Nanosecond Hot Carrier Decay in Graphene. Journal of Physical Chemistry Letters, 2018, 9, 1485-1490.	2.1	7
45	Sequential double ionization of molecules by strong laser fields simulated with time-dependent configuration interaction. Journal of Chemical Physics, 2021, 155, 114103.	1.2	7
46	Direct in-situ single-shot measurements of the absolute carrier-envelope phases of ultrashort pulses. Optics Letters, 2019, 44, 3582.	1.7	7
47	Ellipticity controlled dissociative double ionization of ethane by strong fields. Physical Chemistry Chemical Physics, 2021, 23, 23537-23543.	1.3	7
48	Isomer-Specific Mass Spectrometric Detection Via â€œSemisoftâ€•Strong-Field Ionization. Journal of Physical Chemistry A, 2013, 117, 11890-11895.	1.1	6
49	Controlling Chemical Reactions by Short, Intense Mid-Infrared Laser Pulses: Comparison of Linear and Circularly Polarized Light in Simulations of ClCHO⁺ Fragmentation. Journal of Physical Chemistry A, 2016, 120, 1120-1126.	1.1	6
50	Coulomb Explosion Dynamics of Chlorocarbonylsulfenyl Chloride. Journal of Physical Chemistry A, 2021, 125, 5481-5489.	1.1	6
51	Computational simulations of hydrogen circular migration in protonated acetylene induced by circularly polarized light. Journal of Chemical Physics, 2016, 145, 084309.	1.2	4
52	All-Optical Three-Dimensional Electron Momentum Imaging. Journal of Physical Chemistry A, 2021, 125, 5220-5225.	1.1	4
53	Orbital alignment in photodissociation probed using strong field ionization. Journal of Chemical Physics, 2011, 135, 234311.	1.2	3
54	The lack of electron momentum correlation in strong-field triple ionisation of molecules. Molecular Physics, 2022, 120, .	0.8	3

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55	Ionization of HCCI Neutral and Cations by Strong Laser Fields Simulated With Time Dependent Configuration Interaction. Frontiers in Chemistry, 2022, 10, 866137.	1.8	3
56	Virtual Issue on Strong Field Chemistry. Journal of Physical Chemistry Letters, 2019, 10, 2393-2393.	2.1	2
57	The Relative Alignment of Electron Momenta in Atoms and Molecules and the Effect of a Static Electric Field. Journal of Physical Chemistry A, 2017, 121, 8026-8031.	1.1	1
58	Toward the Study of Astrochemical Reaction Dynamics With Ion Imaging Techniques. AIP Conference Proceedings, 2006, , .	0.3	0
59	Intra-molecular Dynamics Probed using High-Harmonic Generation. , 2007, , .		0
60	Intra-molecular dynamics probed using high-harmonic generation. , 2007, , .		0
61	Molecular recollision interferometry in high harmonic generation. , 2008, , .		0
62	Virtual Issue on Strong Field Chemistry. Journal of Physical Chemistry A, 2019, 123, 4095-4095.	1.1	0
63	Observation of Elliptically Polarized High Harmonic Emission from Molecules Driven by Linearly Polarized Light. Springer Series in Chemical Physics, 2009, , 21-23.	0.2	0
64	Elliptically Polarized High Harmonic Emission from Molecules Driven by Linearly Polarized Light. , 2009, , .		0
65	Visualizing Electron Rearrangement in Space and Time during the Transition from a Molecule to Atoms. , 2010, , .		0