

Wen Li

List of Publications by Year in descending order

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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	The lack of electron momentum correlation in strong-field triple ionisation of molecules. <i>Molecular Physics</i> , 2022, 120, .	0.8	3
2	Three-dimensional (3D) velocity map imaging: from technique to application. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2022, 55, 023001.	0.6	12
3	Ionization of HCCI Neutral and Cations by Strong Laser Fields Simulated With Time Dependent Configuration Interaction. <i>Frontiers in Chemistry</i> , 2022, 10, 866137.	1.8	3
4	Coulomb Explosion Dynamics of Chlorocarbonylsulfenyl Chloride. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5481-5489.	1.1	6
5	All-Optical Three-Dimensional Electron Momentum Imaging. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5220-5225.	1.1	4
6	Sequential double ionization of molecules by strong laser fields simulated with time-dependent configuration interaction. <i>Journal of Chemical Physics</i> , 2021, 155, 114103.	1.2	7
7	Ellipticity controlled dissociative double ionization of ethane by strong fields. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23537-23543.	1.3	7
8	Angular Dependence of Strong Field Ionization of 2-Phenylethyl- <i>N,N</i> -dimethylamine (PENNA) Using Time-Dependent Configuration Interaction with an Absorbing Potential. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4777-4781.	1.1	9
9	Developing a camera-based 3D momentum imaging system capable of 1 Mhits/s. <i>Review of Scientific Instruments</i> , 2020, 91, 023316.	0.6	19
10	Angular dependence of strong field sequential double ionization for neon and acetylene simulated with time-dependent configuration interaction using CIS and CISD-IP. <i>Journal of Chemical Physics</i> , 2020, 152, 064106.	1.2	12
11	Effect of spin-orbit coupling on strong field ionization simulated with time-dependent configuration interaction. <i>Journal of Chemical Physics</i> , 2020, 153, 244109.	1.2	9
12	Virtual Issue on Strong Field Chemistry. <i>Journal of Physical Chemistry A</i> , 2019, 123, 4095-4095.	1.1	0
13	Virtual Issue on Strong Field Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2393-2393.	2.1	2
14	Direct in-situ single-shot measurements of the absolute carrier-envelope phases of ultrashort pulses. <i>Optics Letters</i> , 2019, 44, 3582.	1.7	7
15	Observation of Nanosecond Hot Carrier Decay in Graphene. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1485-1490.	2.1	7
16	First use of a divalent lanthanide for visible-light-promoted photoredox catalysis. <i>Chemical Science</i> , 2018, 9, 1273-1278.	3.7	66
17	Disentangling Strong-Field Multielectron Dynamics with Angular Streaking. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2539-2545.	2.1	26
18	Demonstration of multi-hit and multi-mass capability of 3D imaging in a conventional velocity map imaging experiment. <i>Journal of Chemical Physics</i> , 2018, 149, 084202.	1.2	12

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19	Nuclear Motion Driven Ultrafast Photodissociative Charge Transfer of the PENNA Cation: An Experimental and Computational Study. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1442-1447.	1.1	16
20	A new electron-ion coincidence 3D momentum-imaging method and its application in probing strong field dynamics of 2-phenylethyl-N, N-dimethylamine. <i>Journal of Chemical Physics</i> , 2017, 147, 013920.	1.2	15
21	The Relative Alignment of Electron Momenta in Atoms and Molecules and the Effect of a Static Electric Field. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8026-8031.	1.1	1
22	Attosecond Electron Correlation Dynamics in Double Ionization of Benzene Probed with Two-Electron Angular Streaking. <i>Physical Review Letters</i> , 2017, 119, 123201.	2.9	34
23	Orbital-resolved nonadiabatic tunneling ionization. <i>Physical Review A</i> , 2017, 96, .	1.0	21
24	Coulomb-repulsion-assisted double ionization from doubly excited states of argon. <i>Physical Review A</i> , 2017, 96, .	1.0	36
25	Ultrafast 25-fs relaxation in highly excited states of methyl azide mediated by strong nonadiabatic coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11072-E11081.	3.3	13
26	Computational simulations of hydrogen circular migration in protonated acetylene induced by circularly polarized light. <i>Journal of Chemical Physics</i> , 2016, 145, 084309.	1.2	4
27	Angle-dependent strong-field ionization of triple bonded systems calculated by time-dependent configuration interaction with an absorbing potential. <i>Canadian Journal of Chemistry</i> , 2016, 94, 989-997.	0.6	8
28	State-resolved three-dimensional electron-momentum correlation in nonsequential double ionization of benzene. <i>Physical Review A</i> , 2016, 93, .	1.0	10
29	Controlling Chemical Reactions by Short, Intense Mid-Infrared Laser Pulses: Comparison of Linear and Circularly Polarized Light in Simulations of ClCHO ⁺ Fragmentation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1120-1126.	1.1	6
30	Note: An improved 3D imaging system for electron-electron coincidence measurements. <i>Review of Scientific Instruments</i> , 2015, 86, 096110.	0.6	21
31	Coincidence ion imaging with a fast frame camera. <i>Review of Scientific Instruments</i> , 2014, 85, 123303.	0.6	50
32	Communication: Time- and space-sliced velocity map electron imaging. <i>Journal of Chemical Physics</i> , 2014, 141, 221101.	1.2	36
33	Isomer-Specific Mass Spectrometric Detection Via α -Semisoft-Strong-Field Ionization. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11890-11895.	1.1	6
34	Bond-Selective Dissociation of Polyatomic Cations in Mid-Infrared Strong Fields. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11202-11209.	1.1	13
35	A Reaction Accelerator: Mid-infrared Strong Field Dissociation Yields Mode-Selective Chemistry. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2541-2547.	2.1	24
36	Laser-Induced Low Energy Electron Diffraction in Aligned Molecules. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1950-1955.	1.1	7

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37	Strong-Field Ionization Rate Depends on the Sign of the Magnetic Quantum Number. Physical Review Letters, 2012, 109, 043004.	2.9	113
38	HCO ⁺ dissociation in a strong laser field: An ab initio classical trajectory study. Chemical Physics Letters, 2012, 536, 14-18.	1.2	9
39	Orbital alignment in photodissociation probed using strong field ionization. Journal of Chemical Physics, 2011, 135, 234311.	1.2	3
40	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
41	Visualizing Electron Rearrangement in Space and Time during the Transition from a Molecule to Atoms. , 2010, , .		0
42	Elliptically Polarized High-Order Harmonic Emission from Molecules in Linearly Polarized Laser Fields. Physical Review Letters, 2009, 102, 073902.	2.9	203
43	Measuring the intensity and phase of high-order harmonic emission from aligned molecules. Chemical Physics, 2009, 366, 22-32.	0.9	23
44	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
45	Elliptically Polarized High Harmonic Emission from Molecules Driven by Linearly Polarized Light. , 2009, , .		0
46	Time-Resolved Dynamics in N ₂ O ₄ Probed Using High Harmonic Generation. Science, 2008, 322, 1207-1211.	6.0	317
47	Direct Measurement of the Angular Dependence of the Single-Photon Ionization of Aligned N ₂ and CO ₂ . Journal of Physical Chemistry A, 2008, 112, 9382-9386.	1.1	88
48	Observing the Creation of Electronic Feshbach Resonances in Soft X-ray-Induced O ₂ Dissociation. Science, 2008, 322, 1081-1085.	6.0	96
49	Dynamics of CN+alkane reactions by crossed-beam dc slice imaging. Journal of Chemical Physics, 2008, 129, 074301.	1.2	26
50	Molecular Recollision Interferometry in High Harmonic Generation. Physical Review Letters, 2008, 100, 073902.	2.9	147
51	Molecular recollision interferometry in high harmonic generation. , 2008, , .		0
52	Intra-molecular Dynamics Probed using High-Harmonic Generation. , 2007, , .		0
53	Intra-molecular dynamics probed using high-harmonic generation. , 2007, , .		0
54	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

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55	Multiphoton processes of CO at 230 nm. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 2950.	1.3	10
56	Toward the Study of Astrochemical Reaction Dynamics With Ion Imaging Techniques. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	0
57	DC slice ion imaging of the ultraviolet photodissociation of BrCN. <i>Chemical Physics Letters</i> , 2006, 426, 242-247.	1.2	9
58	Rotationally resolved reactive scattering: Imaging detailed Cl+C2H6 reaction dynamics. <i>Journal of Chemical Physics</i> , 2006, 125, 133107.	1.2	37
59	Two-color reduced-Doppler ion imaging. <i>Journal of Chemical Physics</i> , 2006, 125, 121101.	1.2	17
60	State-resolved reactive scattering by slice imaging: A new view of the Cl+C2H6 reaction. <i>Journal of Chemical Physics</i> , 2006, 124, 011102.	1.2	35
61	Megapixel ion imaging with standard video. <i>Review of Scientific Instruments</i> , 2005, 76, 063106.	0.6	148
62	Universal and State-Resolved Imaging of Chemical Dynamics. <i>Journal of Physical Chemistry A</i> , 2005, 109, 8661-8674.	1.1	50
63	Superexcited State Dynamics Probed with an Extreme-Ultraviolet Free Electron Laser. <i>Physical Review Letters</i> , 2004, 92, 083002.	2.9	32
64	Probing of the hot-band excitations in the photodissociation of OCS at 288 nm by DC slice imaging. <i>Canadian Journal of Chemistry</i> , 2004, 82, 880-884.	0.6	26
65	Dissociative photoionization dynamics in ethane studied by velocity map imaging. <i>Chemical Physics Letters</i> , 2003, 374, 334-340.	1.2	9