

Linda Young

List of Publications by Year in descending order

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papers

2,043
citations

394421

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302126

39
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42
all docs

42
docs citations

42
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraintense, ultrashort pulse X-ray scattering in small molecules. Faraday Discussions, 2021, 228, 139-160.	3.2	2
2	Photon-In/Photon-Out X-ray Free-Electron Laser Studies of Radiolysis. Applied Sciences (Switzerland), 2021, 11, 701.	2.5	1
3	CLEO®/Europe-EQEC 2021 X-ray Free-Electron Lasers: the Attosecond Ångstrom Frontier for Molecular Dynamics. , 2021, , .		0
4	Fluorescence intensity correlation imaging with high spatial resolution and elemental contrast using intense x-ray pulses. Structural Dynamics, 2021, 8, 044101.	2.3	3
5	Relation between Inner Structural Dynamics and Ion Dynamics of Laser-Heated Nanoparticles. Physical Review X, 2021, 11, .	8.9	3
6	Pulse Energy and Pulse Duration Effects in the Ionization and Fragmentation of Iodomethane by Ultraintense Hard X Rays. Physical Review Letters, 2021, 127, 093202.	7.8	6
7	Observation of the fastest chemical processes in the radiolysis of water. Science, 2020, 367, 179-182.	12.6	149
8	The "Hole" Story in Ionized Water from the Perspective of Ehrenfest Dynamics. Journal of Physical Chemistry Letters, 2020, 11, 9946-9951.	4.6	8
9	Electronic Population Transfer via Impulsive Stimulated X-Ray Raman Scattering with Attosecond Soft-X-Ray Pulses. Physical Review Letters, 2020, 125, 073203.	7.8	42
10	Resonant propagation of x rays from the linear to the nonlinear regime. Physical Review A, 2020, 102, .	2.5	8
11	Resonant Inelastic X-Ray Scattering Reveals Hidden Local Transitions of the Aqueous OH Radical. Physical Review Letters, 2020, 124, 236001.	7.8	28
12	The role of transient resonances for ultra-fast imaging of single sucrose nanoclusters. Nature Communications, 2020, 11, 167.	12.8	27
13	Hetero-site Double Core Ionization Energies with Sub-electronvolt Accuracy from Delta-Coupled-Cluster Calculations. Journal of Physical Chemistry A, 2020, 124, 4413-4426.	2.5	11
14	Extended x-ray emission times of clusters in intense x-ray pulses. Physical Review A, 2020, 101, .	2.5	2
15	High intensity x-ray interaction with a model bio-molecule system: double-core-hole states and fragmentation of formamide. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244005.	1.5	5
16	Resonant x-ray absorption of strong-field-ionized CF ₃ Br. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244009.	1.5	4
17	From synchrotrons for XFELs: the soft x-ray near-edge spectrum of the ESCA molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244011.	1.5	7
18	Observing pre-edge resonances in Kr, Xe, and XeF ₂ . Physical Review A, 2019, 100, .	2.5	11

#	ARTICLE	IF	CITATIONS
19	Using Ultrafast X-ray Spectroscopy To Address Questions in Ligand-Field Theory: The Excited State Spin and Structure of $[\text{Fe}(\text{dcp})_2]^{2+}$. <i>Inorganic Chemistry</i> , 2019, 58, 9341-9350.	4.0	29
20	Elucidation of the photoaquation reaction mechanism in ferrous hexacyanide using synchrotron x-rays with sub-pulse-duration sensitivity. <i>Journal of Chemical Physics</i> , 2019, 151, 144306.	3.0	24
21	Three-dimensional optical trapping and orientation of microparticles for coherent X-ray diffraction imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4018-4024.	7.1	18
22	Micro-focused MHz pink beam for time-resolved X-ray emission spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1956-1966.	2.4	7
23	Chemical Understanding of the Limited Site-Specificity in Molecular Inner-Shell Photofragmentation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1156-1163.	4.6	31
24	Probing Transient Valence Orbital Changes with Picosecond Valence-to-Core X-ray Emission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2620-2626.	3.1	27
25	Femtosecond response of polyatomic molecules to ultra-intense hard X-rays. <i>Nature</i> , 2017, 546, 129-132.	27.8	139
26	Hetero-site-specific X-ray pump-probe spectroscopy for femtosecond intramolecular dynamics. <i>Nature Communications</i> , 2016, 7, 11652.	12.8	70
27	Atomistic three-dimensional coherent x-ray imaging of nonbiological systems. <i>Physical Review A</i> , 2016, 94, .	2.5	15
28	Theoretical Tracking of Resonance-Enhanced Multiple Ionization Pathways in X-ray Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2014, 113, 253001.	7.8	48
29	Nonlinear Atomic Response to Intense Ultrashort X Rays. <i>Physical Review Letters</i> , 2011, 106, 083002.	7.8	221
30	Unveiling and Driving Hidden Resonances with High-Fluence, High-Intensity X-Ray Pulses. <i>Physical Review Letters</i> , 2011, 107, 233001.	7.8	131
31	Femtosecond electronic response of atoms to ultra-intense X-rays. <i>Nature</i> , 2010, 466, 56-61.	27.8	711
32	A simple cross-correlation technique between infrared and hard x-ray pulses. <i>Applied Physics Letters</i> , 2009, 94, 171113.	3.3	12
33	Characterization of the spatiotemporal evolution of laser-generated plasmas. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	10
34	An x-ray probe of laser-aligned molecules. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	37
35	K-edge x-ray-absorption spectroscopy of laser-generated Kr^+ and Kr^{2+} . <i>Physical Review A</i> , 2007, 76, .	2.5	26
36	Alignment dynamics in a laser-produced plasma. <i>Physical Review A</i> , 2007, 75, .	2.5	14

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37	X-ray microprobe of optical strong-field processes. Radiation Physics and Chemistry, 2006, 75, 1799-1807.	2.8	4
38	Spin-orbit effect on strong-field ionization of krypton. Physical Review A, 2006, 74, .	2.5	38
39	X-Ray Microprobe of Orbital Alignment in Strong-Field Ionized Atoms. Physical Review Letters, 2006, 97, 083601.	7.8	71
40	Manifestations of Nonlocal Exchange, Correlation, and Dynamic Effects in X-Ray Scattering. Physical Review Letters, 1998, 81, 1596-1599.	7.8	43
41	Nondipolar photoelectron angular distributions. , 1997, , .		0
42	X-ray Free-Electron Lasers: A New Tool for Atomic, Molecular and Chemical Dynamics. ACS Symposium Series, 0, , 15-48.	0.5	0