

List of Publications by Year in descending order

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times ranked

43209
citing authors

#	ARTICLE	IF	CITATIONS
1	Compton double ionization of the helium atom: Can it be a method of dynamical spectroscopy of ground state electron correlation?. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 278, 108020.	2.3	7
2	Magnetic-Field Effect in High-Order Above-Threshold Ionization. Physical Review Letters, 2022, 128, 023201.	7.8	15
3	Ion and Electron Momentum Distributions from Single and Double Ionization of Helium Induced by Compton Scattering. Physical Review Letters, 2022, 128, 053001.	7.8	7
4	Coulomb explosion imaging of small polyatomic molecules with ultrashort x-ray pulses. Physical Review Research, 2022, 4, .	3.6	17
5	Ultrafast temporal evolution of interatomic Coulombic decay in NeKr dimers. Chemical Science, 2022, 13, 1789-1800.	7.4	3
6	X-ray multiphoton-induced Coulomb explosion images complex single molecules. Nature Physics, 2022, 18, 423-428.	16.7	48
7	Magnetic-Field Effect as a Tool to Investigate Electron Correlation in Strong-Field Ionization. Physical Review Letters, 2022, 128, 113201.	7.8	8
8	Photoelectron energy peaks shift against the radiation pressure in strong-field ionization. Science Advances, 2022, 8, eabn7386.	10.3	10
9	Resonance-enhanced x-ray multiple ionization of a polyatomic molecule. Physical Review A, 2022, 105, .	2.5	5
10	Quasifree Photoionization under the Reaction Microscope. Atoms, 2022, 10, 68.	1.6	1
11	Ultrafast manipulation of the weakly bound helium dimer. Nature Physics, 2021, 17, 174-178.	16.7	14
12	Strong Differential Photoion Circular Dichroism in Strong-Field Ionization of Chiral Molecules. Physical Review Letters, 2021, 126, 083201.	7.8	17
13	Closed-loop recycling of rare liquid samples for gas-phase experiments. Review of Scientific Instruments, 2021, 92, 023205.	1.3	3
14	Electric Nondipole Effect in Strong-Field Ionization. Physical Review Letters, 2021, 126, 053202.	7.8	29
15	Angular dependence of the Wigner time delay upon tunnel ionization of H ₂ . Nature Communications, 2021, 12, 1697.	12.8	27
16	The COLTRIMS Reaction Microscopeâ€”The Spyhole into the Ultrafast Entangled Dynamics of Atomic and Molecular Systems. Annalen Der Physik, 2021, 533, 2100134.	2.4	9
17	Compton ionization of atoms as a method of dynamical spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 272, 107820.	2.3	9
18	Fourfold Differential Photoelectron Circular Dichroism. Physical Review Letters, 2021, 127, 103201.	7.8	20

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19	Photoelectron circular dichroism of O 1s-photoelectrons of uniaxially oriented trifluoromethyloxirane: energy dependence and sensitivity to molecular configuration. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17248-17258.	2.8	11
20	High-Resolution Momentum Imaging From Stern's Molecular Beam Method to the COLTRIMS Reaction Microscope. , 2021, , 375-441.		3
21	Measuring the photoelectron emission delay in the molecular frame. <i>Nature Communications</i> , 2021, 12, 6657.	12.8	24
22	Inner-Shell-Ionization-Induced Femtosecond Structural Dynamics of Water Molecules Imaged at an X-Ray Free-Electron Laser. <i>Physical Review X</i> , 2021, 11, .	8.9	10
23	Nonadiabatic Strong Field Ionization of Atomic Hydrogen. <i>Physical Review Letters</i> , 2021, 127, 273201.	7.8	17
24	Interatomic and Intermolecular Coulombic Decay. <i>Chemical Reviews</i> , 2020, 120, 11295-11369.	47.7	106
25	Double Core-Hole Generation in O Molecules Using an X-Ray Free-Electron Laser: Molecular-Frame Photoelectron Angular Distributions. <i>Physical Review Letters</i> , 2020, 125, 163201.	7.8	7
26	Zeptosecond birth time delay in molecular photoionization. <i>Science</i> , 2020, 370, 339-341.	12.6	62
27	Holographic detection of parity in atomic and molecular orbitals. <i>Physical Review A</i> , 2020, 102, .	2.5	18
28	Kinetic energy release (KER) of vibrationally cold HeH ⁺ : experiments at the reaction microscope in the Frankfurt low-energy storage ring (FLSR). <i>Journal of Physics: Conference Series</i> , 2020, 1412, 162020.	0.4	0
29	Molecular-frame angular distributions of spectator resonant interatomic coulombic decay electrons in neon dimers. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 132035.	0.4	0
30	Experimental and theoretical study of singly ionizing 1-MeV p+He collisions at different energy and momentum transfer values. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 152016.	0.4	0
31	Sideband modulation by subcycle interference. <i>Physical Review A</i> , 2020, 102, .	2.5	14
32	Study of chiral asymmetries in the inner-shell photoionization of partially oriented trifluoro-methyloxirane. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 152097.	0.4	0
33	Theoretical study of molecular-frame angular emission distributions of electrons emitted by interatomic Coulombic decay from helium dimers. <i>Physical Review A</i> , 2020, 101, .	2.5	9
34	Tracing inter-Coulombic decay of molecular dimers. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 152019.	0.4	0
35	Observation of Photoion Backward Emission in Photoionization of He and N . <i>Physical Review Letters</i> , 2020, 124, 233201.	7.8	22
36	Photoelectron Diffraction Imaging of a Molecular Breakup Using an X-Ray Free-Electron Laser. <i>Physical Review X</i> , 2020, 10, .	8.9	31

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37	Visualizing the Geometry of Hydrogen Dimers. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2457-2463.	4.6	14
38	Photon Momentum Transfer in Single-Photon Double Ionization of Helium. <i>Physical Review Letters</i> , 2020, 124, 043201.	7.8	16
39	Kinematically complete experimental study of Compton scattering at helium atoms near the threshold. <i>Nature Physics</i> , 2020, 16, 756-760.	16.7	25
40	Angular emission distribution of O 1s photoelectrons of uniaxially oriented methanol. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 194002.	1.5	7
41	Orientation-dependent dissociative ionization of H_2 in strong elliptic laser fields: Modification of the release time through molecular orientation. <i>Physical Review A</i> , 2020, 102, 013401.	2.5	12
42	Revealing the two-electron cusp in the ground states of He and H_2 via quasifree double photoionization. <i>Physical Review Research</i> , 2020, 2, 023001.	3.6	6
43	Chiral photoelectron angular distributions from ionization of achiral atomic and molecular species. <i>Physical Review Research</i> , 2020, 2, 023002.	3.6	8
44	Photoelectron and fragmentation dynamics of the H_2^+ dissociative channel in H_2 . <i>Physical Review Research</i> , 2020, 2, 023003.	3.6	4
45	Mechanisms and dynamics of the NH_3^+ and NH_3 + H fragmentation channels upon single-photon double ionization of NH_3 . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 244003.	1.5	3
46	Link between Photoelectron Circular Dichroism and Fragmentation Channel in Strong Field Ionization. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6491-6495.	2.5	15
47	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 171001.	1.5	52
48	Single ionization of helium by fast proton impact in different kinematical regimes. <i>Physical Review A</i> , 2019, 99, 013401.	2.5	18
49	Photon-Momentum-Induced Molecular Dynamics in Photoionization of H_2 . <i>Physical Review A</i> , 2019, 99, 013402.	7.8	8
50	Direct observation of interatomic Coulombic decay and subsequent ion-atom scattering in helium nanodroplets. <i>Physical Review A</i> , 2019, 100, 013401.	2.5	10
51	Magnetic fields alter strong-field ionization. <i>Nature Physics</i> , 2019, 15, 1222-1226.	16.7	69
52	Tracing intermolecular Coulombic decay of carbon-dioxide dimers and oxygen dimers after valence photoionization. <i>Physical Review A</i> , 2019, 99, 013401.	2.5	8
53	Enantioselective fragmentation of an achiral molecule in a strong laser field. <i>Science Advances</i> , 2019, 5, eaau7923.	10.3	27
54	Recoil-Induced Asymmetry of Nondipole Molecular Frame Photoelectron Angular Distributions in the Hard X-ray Regime. <i>Physical Review Letters</i> , 2019, 123, 243201.	7.8	11

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55	Double-slit photoelectron interference in strong-field ionization of the neon dimer. <i>Nature Communications</i> , 2019, 10, 1.	12.8	15,301
56	Angular streaking in strong field ionization of chiral molecules. <i>Physical Review Research</i> , 2019, 1, .	3.6	11
57	Symmetry breaking in the body-fixed electron emission pattern due to electron-retroaction in the photodissociation of H ₂ ⁺ and D ₂ ⁺ close to threshold. <i>Physical Review Research</i> , 2019, 1, .	3.6	5
58	VUV photon emission from Ne clusters of varying sizes following photon and photoelectron excitations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 065002.	1.5	6
59	Absolute ion detection efficiencies of microchannel plates and funnel microchannel plates for multi-coincidence detection. <i>Review of Scientific Instruments</i> , 2018, 89, 045112.	1.3	49
60	Subcycle interference upon tunnel ionization by counter-rotating two-color fields. <i>Physical Review A</i> , 2018, 97, .	2.5	37
61	Spin and Angular Momentum in Strong-Field Ionization. <i>Physical Review Letters</i> , 2018, 120, 043202.	7.8	54
62	Ultrafast preparation and detection of ring currents in single atoms. <i>Nature Physics</i> , 2018, 14, 701-704.	16.7	93
63	Experimental evidence for selection rules in multiphoton double ionization of helium and neon. <i>Physical Review A</i> , 2018, 97, .	2.5	7
64	Frustrated Coulomb explosion of small helium clusters. <i>Physical Review A</i> , 2018, 98, .	2.5	12
65	Breakdown of the Spectator Concept in Low-Electron-Energy Resonant Decay Processes. <i>Physical Review Letters</i> , 2018, 121, 243002.	7.8	10
66	Dissociation dynamics of the water dication following one-photon double ionization. II. Experiment. <i>Physical Review A</i> , 2018, 98, .	2.5	26
67	Investigating Absolute Stereochemical Configuration with Coulomb Explosion Imaging. <i>Chimia</i> , 2018, 72, 384.	0.6	9
68	Multiphoton double ionization of helium at 394 nm: A fully differential experiment. <i>Physical Review A</i> , 2018, 98, .	2.5	11
69	Separating Dipole and Quadrupole Contributions to Single-Photon Double Ionization. <i>Physical Review Letters</i> , 2018, 121, 173003.	7.8	20
70	Direct Experimental Access to the Nonadiabatic Initial Momentum Offset upon Tunnel Ionization. <i>Physical Review Letters</i> , 2018, 121, 163202.	7.8	52
71	Resonant interatomic Coulombic decay in HeNe: Electron angular emission distributions. <i>Physical Review A</i> , 2018, 97, .	2.5	20
72	Timing Recollision in Nonsequential Double Ionization by Intense Elliptically Polarized Laser Pulses. <i>Physical Review Letters</i> , 2018, 120, 223204.	7.8	22

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73	Resonance signatures in the body-frame valence photoionization of CF ₄ . Physical Chemistry Chemical Physics, 2018, 20, 21075-21084.	2.8	10
74	Determination of Interatomic Potentials of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math}$	7.8	17
75	Double ionization of neon in elliptically polarized femtosecond laser fields. Physical Review A, 2018, 97, .	2.5	9
76	Revealing the role of electron-electron correlations by mapping dissociation of highly excited D2+ using ultrashort XUV pulses. Physical Review A, 2018, 97, .	2.5	5
77	Born in weak fields: below-threshold photoelectron dynamics. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 034002.	1.5	4
78	Observation of Enhanced Chiral Asymmetries in the Inner-Shell Photoionization of Uniaxially Oriented Methyloxirane Enantiomers. Journal of Physical Chemistry Letters, 2017, 8, 2780-2786.	4.6	47
79	Unambiguous observation of F-atom core-hole localization in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \text{CF} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \rangle \rangle \rangle$	2.5	9
80	Localized or delocalized K-holes in N2: Photoelectron-Auger electron coincidence experiments with high energy resolution. Journal of Physics: Conference Series, 2017, 875, 032009.	0.4	0
81	Coulomb Explosion Imaging as a Tool to Distinguish Between Stereoisomers. Journal of Visualized Experiments, 2017, , .	0.3	3
82	The hydrogen molecule under the reaction microscope: single photon double ionization at maximum cross section and threshold (doubly differential cross sections). Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 164002.	1.5	3
83	Fluorescence cascades evoked by resonant interatomic Coulombic decay of inner-valence excited neon clusters. Chemical Physics, 2017, 482, 165-168.	1.9	9
84	Interatomic Coulombic Decay of HeNe dimers after ionization and excitation of He and Ne. Chemical Physics, 2017, 482, 221-225.	1.9	3
85	A comprehensive study of Interatomic Coulombic Decay in argon dimers: Extracting R-dependent absolute decay rates from the experiment. Chemical Physics, 2017, 482, 185-191.	1.9	12
86	Imaging the square of the correlated two-electron wave function of a hydrogen molecule. Nature Communications, 2017, 8, 2266.	12.8	28
87	Stereochemical configuration and selective excitation of the chiral molecule halothane. Journal of Physics: Conference Series, 2017, 875, 032023.	0.4	0
88	On the beam emittance/brilliance of highly charged ions extracted from the Frankfurt 14GHz Electron-Cyclotron-Resonance-Ion-Source in standard and enhanced (MD) mode. Journal of Physics: Conference Series, 2017, 875, 092002.	0.4	0
89	Single ionization of Helium at 0.5 - 2 MeV proton impact: On the quest for projectile coherence effects. Journal of Physics: Conference Series, 2017, 875, 092006.	0.4	3
90	Investigation of environmental effects in prototypical noble gas clusters using fluorescence spectroscopy. Journal of Physics: Conference Series, 2017, 875, 032036.	0.4	0

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91	Measurements of the kinetic-energy-release (KER) of vibrational cooled HeH ⁺ and H ₃ ⁺ at the electrostatic Frankfurt low energy storage ring (FLSR). Journal of Physics: Conference Series, 2017, 875, 092003.	0.4	0
92	Absolute Configuration from Different Multifragmentation Pathways in Light-Induced Coulomb Explosion Imaging. ChemPhysChem, 2016, 17, 2465-2472.	2.1	39
93	Molecular frame photoelectron angular distributions for core ionization of ethane, carbon tetrafluoride and 1,1-difluoroethylene. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 055203.	1.5	11
94	Stereochemical configuration and selective excitation of the chiral molecule halothane. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 234001.	1.5	11
95	Imaging the He ₂ quantum halo state using a free electron laser. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14651-14655.	7.1	76
96	Delocalization of a Vacancy across Two Neon Atoms Bound by the van der Waals Force. Physical Review Letters, 2016, 117, 263001.	7.8	15
97	Imaging the Temporal Evolution of Molecular Orbitals during Ultrafast Dissociation. Physical Review Letters, 2016, 117, 243002.	7.8	29
98	Two-Particle Interference of Electron Pairs on a Molecular Level. Physical Review Letters, 2016, 117, 083002.	7.8	25
99	Ionization in orthogonal two-color laser fields: Origin and phase dependences of trajectory-resolved Coulomb effects. Physical Review A, 2016, 94, .	2.5	24
100	Nonsequential Double Ionization by Counterrotating Circularly Polarized Two-Color Laser Fields. Physical Review Letters, 2016, 117, 133202.	7.8	111
101	Electron Localization in Dissociating $H \leftarrow \left[\text{He} \left(\text{H} \right)^2 \right]$ Retroaction of a Photoelectron onto Its Source. Physical Review Letters, 2016, 116, 043001.	7.8	16
102	Agreement of Experiment and Theory on the Single Ionization of Helium by Fast Proton Impact. Physical Review Letters, 2016, 116, 073201.	7.8	55
103	Dynamical Characteristics of Rydberg Electrons Released by a Weak Electric Field. Physical Review Letters, 2016, 116, 143006.	7.8	21
104	Quasimolecular electron promotion beyond the $H \leftarrow \left[\text{He} \left(\text{H} \right)^2 \right]$ channels in slow collisions of $H \leftarrow \left[\text{He} \left(\text{H} \right)^2 \right]$	2.5	16
105	First results from the Jordan COLTRIMS imaging system. Nuclear Instruments & Methods in Physics Research B, 2016, 380, 84-89.	1.4	1
106	Electron spin polarization in strong-field ionization of xenon atoms. Nature Photonics, 2016, 10, 526-528.	31.4	103
107	Angular Streaking for Strong Field Ionization of Molecules – Attosecond Physics Without Attosecond Pulses. Springer Series on Atomic, Optical, and Plasma Physics, 2016, , 49-61.	0.2	1
108	Auger decay and subsequent fragmentation pathways of ethylene following $K \leftarrow \left[\text{He} \left(\text{H} \right)^2 \right]$ -shell ionization. Physical Review A, 2015, 92, .	2.5	9

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109	Status of the Frankfurt low energy electrostatic storage ring (FLSR). Physica Scripta, 2015, T166, 014064.	2.5	2
110	Charge transfer processes in proton-helium collisions: The validity of the first Born approximation. Journal of Physics: Conference Series, 2015, 601, 012008.	0.4	0
111	Direct Determination of Molecular Handedness via Coulomb Explosion Imaging. Journal of Physics: Conference Series, 2015, 635, 112065.	0.4	0
112	Experiments at the Frankfurt low energy storage ring (FLSR). Journal of Physics: Conference Series, 2015, 635, 032113.	0.4	0
113	Observation of the Efimov state of the helium trimer. Journal of Physics: Conference Series, 2015, 635, 112096.	0.4	1
114	A Single Atom Antenna. Journal of Physics: Conference Series, 2015, 635, 112099.	0.4	0
115	A molecular movie of Interatomic Coulombic Decay in NeKr. Journal of Physics: Conference Series, 2015, 635, 112100.	0.4	0
116	Designing a COLTRIMS Reaction-Microscope for multi-hit coincident measurements with the SQS instrument at European XFEL. Journal of Physics: Conference Series, 2015, 635, 112082.	0.4	0
117	Experimental measurement of Interatomic Coulombic Decay rates in Argon dimers. Journal of Physics: Conference Series, 2015, 635, 112088.	0.4	0
118	Streaking temporal double slit interference by an orthogonal two-color laser field. Journal of Physics: Conference Series, 2015, 635, 092036.	0.4	2
119	Measurement of the spin polarization of electrons in a strong laser field. Journal of Physics: Conference Series, 2015, 635, 092069.	0.4	0
120	Streaking Temporal Double-Slit Interference by an Orthogonal Two-Color Laser Field. Physical Review Letters, 2015, 114, 143001.	7.8	106
121	Observation of the Efimov state of the helium trimer. Science, 2015, 348, 551-555.	12.6	190
122	Detecting ultrafast interatomic electronic processes in media by fluorescence. New Journal of Physics, 2014, 16, 102002.	2.9	19
123	Observation of ultrafast multiple ionization of He^{2+} by fast, highly charged ions: Probing the impact-parameter-dependent ionization probability in 11.37-MeV/u Ne^{2+} He^{2+}	2.5	19
124	Ph		

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127	Search for isotope effects in projectile and target ionization in swiftHe+onH ₂ orD ₂ collisions. Physical Review A, 2014, 89, .	2.5	2
128	Imaging the structure of the trimer systems 4He ₃ and 3He ₄ He ₂ . Nature Communications, 2014, 5, 5765.	12.8	59
129	Ion impact induced ionization/fragmentation dynamics of rare gas Dimers. Journal of Physics: Conference Series, 2014, 488, 102006.	0.4	0
130	Photo-double-ionization of ethylene and acetylene near threshold. Physical Review A, 2014, 89, .	2.5	41
131	Electron emission fromH ₂ +in strong laser fields. Physical Review A, 2014, 89, .	2.5	16
132	Resonant Auger decay driving intermolecular Coulombic decay in molecular dimers. Nature, 2014, 505, 664-666.	27.8	119
133	Doppelspalt-Interferenz an MolekÄ¼len. Physik in Unserer Zeit, 2014, 45, 9-10.	0.0	0
134	Vortices Associated with the Wave Function of a Single Electron Emitted in Slow Ion-Atom Collisions. Physical Review Letters, 2014, 112, .	7.8	32
135	Signatures of the continuum electron phase in molecular strong-field photoelectron holography. Nature Physics, 2014, 10, 594-600.	16.7	150
136	Experimental Proof of Resonant Auger Decay Driven Intermolecular Coulombic Decay. Journal of Physics: Conference Series, 2014, 488, 022009.	0.4	1
137	Transfer ionization of D ⁺ and He ⁺ projectiles with H ₂ -molecules â€“ electron emission dependency on the internuclear axis. Journal of Physics: Conference Series, 2014, 488, 102003.	0.4	0
138	Full fragmentation and enantiomeric selection of the isotopically chiral molecule CHCl ₂ Br. Journal of Physics: Conference Series, 2014, 488, 032020.	0.4	0
139	First light on3dphotoionization of multiply charged xenon ions: a new photon-ion merged beam setup at PETRA III. Journal of Physics: Conference Series, 2014, 488, 142006.	0.4	0
140	Single photon double ionization of Helium at 800 eV â€“ observation of the Quasi Free Mechanism. Journal of Physics: Conference Series, 2014, 488, 022007.	0.4	0
141	Experimental observation of the vibrational wavefunction of ⁴ He ₂ , ⁴ He ₃ and ⁴ He ₂ ³ He using strong laser-fields. Journal of Physics: Conference Series, 2014, 488, 132024.		0
142	Numerical simulations of single-photon double ionization of the helium dimer. Physical Review A, 2013, 88, .	2.5	5
143	Understanding the role of phase in chemical bond breaking with coincidence angular streaking. Nature Communications, 2013, 4, 2177.	12.8	64
144	Electron-Nuclear Energy Sharing in Above-Threshold Multiphoton Dissociative Ionization of $H\langle mml:mi \rangle \langle mml:mn \rangle 2 \langle mml:mn \rangle \langle mml:msub \rangle \langle mml:math \rangle$. Physical Review Letters, 2013, 111, 023002.	7.8	59

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145	Strong Field Multiple Ionization as a Route to Electron Dynamics in a vanÂderÂWaals Cluster. Physical Review Letters, 2013, 111, 083003.	7.8	17
146	Momentum Transfer to a Free Floating Double Slit: Realization of a Thought Experiment from the Einstein-Bohr Debates. Physical Review Letters, 2013, 111, 103201.	7.8	22
147	Ion-impact-induced interatomic Coulombic decay in neon and argon dimers. Physical Review A, 2013, 88, .	2.5	37
148	Two-dimensional electron-momentum distributions for transfer ionization in fast proton-helium collisions. Physical Review A, 2013, 88, .	2.5	10
149	Laser-induced orbital projection and diffraction of O-2with velocity map imaging. Journal of Modern Optics, 2013, 60, 1395-1408.	1.3	5
150	Steering the Nuclear Motion in Singly Ionized Argon Dimers with Mutually Detuned Laser Pulses. Physical Review Letters, 2013, 110, 033005.	7.8	13
151	Ejection of Quasi-Free-Electron Pairs from the Helium-Atom Ground State by Single-Photon Absorption. Physical Review Letters, 2013, 111, 013003.	7.8	43
152	Direct Determination of Absolute Molecular Stereochemistry in Gas Phase by Coulomb Explosion Imaging. Science, 2013, 341, 1096-1100.	12.6	234
153	Optimization of single-cycle terahertz generation in LiNbO_3 for sub-50 femtosecond pump pulses. Optics Express, 2013, 21, 6826.	3.4	36
154	Few-body quantum dynamics of high- <i>Z</i> ions studied at the future relativistic high-energy storage ring. Physica Scripta, 2013, T156, 014086.	2.5	5
155	Future experiments using forward electron spectroscopy to study the quantum dynamics of high-Zions at the ESR/CRYRING storage rings. Physica Scripta, 2013, T156, 014087.	2.5	8
156	Simultaneous probing of geometry and electronic orbital of ArCO by Coulomb-explosion imaging and angle-dependent tunneling rates. Physical Review A, 2013, 88, .	2.5	23
157	Comparison of dissociative ionization of Ar^+CO and $\text{Ar}^+\text{C}_2\text{O}$ by Coulomb explosion imaging. Physical Review Letters, 2013, 111, 083003.	2.5	40
158	Observation of Electron Energy Discretization in Strong Field Double Ionization. Physical Review Letters, 2013, 111, 113003.	7.8	32
159	Vibrationally Resolved Decay Width of Interatomic Coulombic Decay in HeNe. Physical Review Letters, 2013, 111, 233004.	7.8	53
160	Unusual under-threshold ionization of neon clusters studied by ion spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164023.	1.5	17
161	Structures of N2Ar, O2Ar, and O2Xe dimers studied by Coulomb explosion imaging. Journal of Chemical Physics, 2012, 137, 104308.	3.0	43
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