

R Drner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

439
papers

24,478
citations

67
h-index

149
g-index

477
ext. papers

29,136
ext. citations

5.1
avg, IF

6.56
L-index

#	Paper	IF	Citations
439	Magnetic-Field Effect in High-Order Above-Threshold Ionization.. <i>Physical Review Letters</i> , 2022 , 128, 023201	7.4	2
438	Ion and Electron Momentum Distributions from Single and Double Ionization of Helium Induced by Compton Scattering.. <i>Physical Review Letters</i> , 2022 , 128, 053001	7.4	0
437	Ultrafast temporal evolution of interatomic Coulombic decay in NeKr dimers.. <i>Chemical Science</i> , 2022 , 13, 1789-1800	9.4	1
436	Magnetic-Field Effect as a Tool to Investigate Electron Correlation in Strong-Field Ionization.. <i>Physical Review Letters</i> , 2022 , 128, 113201	7.4	0
435	Photoelectron energy peaks shift against the radiation pressure in strong-field ionization.. <i>Science Advances</i> , 2022 , 8, eabn7386	14.3	0
434	Compton double ionization of the helium atom: Can it be a method of dynamical spectroscopy of ground state electron correlation?. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021 , 108020	2.1	3
433	Measuring the photoelectron emission delay in the molecular frame. <i>Nature Communications</i> , 2021 , 12, 6657	17.4	4
432	Angular dependence of the Wigner time delay upon tunnel ionization of H. <i>Nature Communications</i> , 2021 , 12, 1697	17.4	6
431	The COLTRIMS Reaction Microscope—the Spyhole into the Ultrafast Entangled Dynamics of Atomic and Molecular Systems. <i>Annalen Der Physik</i> , 2021 , 533, 2100134	2.6	1
430	Ultrafast manipulation of the weakly bound helium dimer. <i>Nature Physics</i> , 2021 , 17, 174-178	16.2	4
429	Ultra-fast Dynamics in Quantum Systems Revealed by Particle Motion as Clock 2021 , 353-373		
428	Strong Differential Photoion Circular Dichroism in Strong-Field Ionization of Chiral Molecules. <i>Physical Review Letters</i> , 2021 , 126, 083201	7.4	4
427	Closed-loop recycling of rare liquid samples for gas-phase experiments. <i>Review of Scientific Instruments</i> , 2021 , 92, 023205	1.7	1
426	Electric Nondipole Effect in Strong-Field Ionization. <i>Physical Review Letters</i> , 2021 , 126, 053202	7.4	9
425	Compton ionization of atoms as a method of dynamical spectroscopy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021 , 272, 107820	2.1	4
424	Fourfold Differential Photoelectron Circular Dichroism. <i>Physical Review Letters</i> , 2021 , 127, 103201	7.4	3
423	Wie ein Photon ein Wasserstoffmolekül durchquert. <i>Physik in Unserer Zeit</i> , 2021 , 52, 9-10	0.1	

422	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	3.6	2
421	High-Resolution Momentum Imaging From Stern Molecular Beam Method to the COLTRIMS Reaction Microscope 2021 , 375-441		2
420	Nonadiabatic Strong Field Ionization of Atomic Hydrogen.. <i>Physical Review Letters</i> , 2021 , 127, 273201	7.4	1
419	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,	2.6	3
418	Tracing inter-Coulombic decay of molecular dimers. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 152019	0.3	
417	Observation of Photoion Backward Emission in Photoionization of He and N ₂ . <i>Physical Review Letters</i> , 2020 , 124, 233201	7.4	12
416	Photoelectron Diffraction Imaging of a Molecular Breakup Using an X-Ray Free-Electron Laser. <i>Physical Review X</i> , 2020 , 10,	9.1	13
415	Visualizing the Geometry of Hydrogen Dimers. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 2457-2463	6.4	4
414	Photon Momentum Transfer in Single-Photon Double Ionization of Helium. <i>Physical Review Letters</i> , 2020 , 124, 043201	7.4	9
413	Kinematically complete experimental study of Compton scattering at helium atoms near the threshold. <i>Nature Physics</i> , 2020 , 16, 756-760	16.2	10
412	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,	3.9	3
411	Chiral photoelectron angular distributions from ionization of achiral atomic and molecular species. <i>Physical Review Research</i> , 2020 , 2,	3.9	4
410	Photoelectron and fragmentation dynamics of the H ⁺⁺ H ⁺ dissociative channel in NH ₃ following direct single-photon double ionization. <i>Physical Review Research</i> , 2020 , 2,	3.9	2
409	Mechanisms and dynamics of the NH ₂ ⁺ + H ⁺ and NH ⁺ + H ⁺ + 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	1.3	3
408	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	1.3	2
407	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 , 101,	2.6	7
406	Interatomic and Intermolecular Coulombic Decay. <i>Chemical Reviews</i> , 2020 , 120, 11295-11369	68.1	31
405	Double Core-Hole Generation in O ₂ Molecules Using an X-Ray Free-Electron Laser: Molecular-Frame Photoelectron Angular Distributions. <i>Physical Review Letters</i> , 2020 , 125, 163201	7.4	9

404	Zeptosecond birth time delay in molecular photoionization. <i>Science</i> , 2020 , 370, 339-341	33.3	23
403	Holographic detection of parity in atomic and molecular orbitals. <i>Physical Review A</i> , 2020 , 102,	2.6	2
402	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	0.3	
401	Molecular-frame angular distributions of spectator resonant interatomic coulombic decay electrons in neon dimers. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 132035	0.3	
400	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	0.3	
399	Sideband modulation by subcycle interference. <i>Physical Review A</i> , 2020 , 102,	2.6	7
398	Study of chiral asymmetries in the inner-shell photoionization of partially oriented trifluoro-methyloxirane. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 152097	0.3	
397	Magnetic fields alter strong-field ionization. <i>Nature Physics</i> , 2019 , 15, 1222-1226	16.2	34
396	Tracing intermolecular Coulombic decay of carbon-dioxide dimers and oxygen dimers after valence photoionization. <i>Physical Review A</i> , 2019 , 99,	2.6	5
395	Enantioselective fragmentation of an achiral molecule in a strong laser field. <i>Science Advances</i> , 2019 , 5, eaau7923	14.3	15
394	Link between Photoelectron Circular Dichroism and Fragmentation Channel in Strong Field Ionization. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 6491-6495	2.8	8
393	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	1.3	28
392	Single ionization of helium by fast proton impact in different kinematical regimes. <i>Physical Review A</i> , 2019 , 99,	2.6	10
391	Photon-Momentum-Induced Molecular Dynamics in Photoionization of N ₂ at hν=40 keV. <i>Physical Review Letters</i> , 2019 , 123, 193001	7.4	5
390	Direct observation of interatomic Coulombic decay and subsequent ion-atom scattering in helium nanodroplets. <i>Physical Review A</i> , 2019 , 100,	2.6	4
389	Angular streaking in strong field ionization of chiral molecules. <i>Physical Review Research</i> , 2019 , 1,	3.9	5
388	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,	3.9	2
387	Recoil-Induced Asymmetry of Nondipole Molecular Frame Photoelectron Angular Distributions in the Hard X-ray Regime. <i>Physical Review Letters</i> , 2019 , 123, 243201	7.4	3

386	Double-slit photoelectron interference in strong-field ionization of the neon dimer. <i>Nature Communications</i> , 2019 , 10, 1	17.4	6976
385	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	1.3	3
384	Absolute ion detection efficiencies of microchannel plates and funnel microchannel plates for multi-coincidence detection. <i>Review of Scientific Instruments</i> , 2018 , 89, 045112	1.7	27
383	Subcycle interference upon tunnel ionization by counter-rotating two-color fields. <i>Physical Review A</i> , 2018 , 97,	2.6	27
382	Spin and Angular Momentum in Strong-Field Ionization. <i>Physical Review Letters</i> , 2018 , 120, 043202	7.4	31
381	Ultrafast preparation and detection of ring currents in single atoms. <i>Nature Physics</i> , 2018 , 14, 701-704	16.2	54
380	Experimental evidence for selection rules in multiphoton double ionization of helium and neon. <i>Physical Review A</i> , 2018 , 97,	2.6	7
379	Resonance signatures in the body-frame valence photoionization of CF. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 21075-21084	3.6	8
378	Ringströme in einzelnen Atomen. <i>Physik in Unserer Zeit</i> , 2018 , 49, 162-163	0.1	
377	Determination of Interatomic Potentials of He ₂ , Ne ₂ , Ar ₂ , and H ₂ by Wave Function Imaging. <i>Physical Review Letters</i> , 2018 , 121, 083002	7.4	13
376	Double ionization of neon in elliptically polarized femtosecond laser fields. <i>Physical Review A</i> , 2018 , 97,	2.6	5
375	Revealing the role of electron-electron correlations by mapping dissociation of highly excited D2 ⁺ using ultrashort XUV pulses. <i>Physical Review A</i> , 2018 , 97,	2.6	4
374	Frustrated Coulomb explosion of small helium clusters. <i>Physical Review A</i> , 2018 , 98,	2.6	8
373	Breakdown of the Spectator Concept in Low-Electron-Energy Resonant Decay Processes. <i>Physical Review Letters</i> , 2018 , 121, 243002	7.4	6
372	Dissociation dynamics of the water dication following one-photon double ionization. II. Experiment. <i>Physical Review A</i> , 2018 , 98,	2.6	15
371	Investigating Absolute Stereochemical Configuration with Coulomb Explosion Imaging. <i>Chimia</i> , 2018 , 72, 384-388	1.3	7
370	Multiphoton double ionization of helium at 394 nm: A fully differential experiment. <i>Physical Review A</i> , 2018 , 98,	2.6	7
369	Separating Dipole and Quadrupole Contributions to Single-Photon Double Ionization. <i>Physical Review Letters</i> , 2018 , 121, 173003	7.4	14

368	Direct Experimental Access to the Nonadiabatic Initial Momentum Offset upon Tunnel Ionization. <i>Physical Review Letters</i> , 2018 , 121, 163202	7.4	33
367	Resonant interatomic Coulombic decay in HeNe: Electron angular emission distributions. <i>Physical Review A</i> , 2018 , 97,	2.6	14
366	Timing Recollision in Nonsequential Double Ionization by Intense Elliptically Polarized Laser Pulses. <i>Physical Review Letters</i> , 2018 , 120, 223204	7.4	14
365	Born in weak fields: below-threshold photoelectron dynamics. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017 , 50, 034002	1.3	4
364	Observation of Enhanced Chiral Asymmetries in the Inner-Shell Photoionization of Uniaxially Oriented Methyloxirane Enantiomers. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2780-2786	6.4	32
363	Tiefkalte Helium-Moleküle. <i>Chemie in Unserer Zeit</i> , 2017 , 51, 80-81	0.2	
362	Unambiguous observation of F-atom core-hole localization in CF ₄ through body-frame photoelectron angular distributions. <i>Physical Review A</i> , 2017 , 95,	2.6	13
361	Stereochemical configuration and selective excitation of the chiral molecule halothane. <i>Journal of Physics: Conference Series</i> , 2017 , 875, 032023	0.3	
360	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. <i>Journal of Physics: Conference Series</i> , 2017 , 875, 092002	0.3	
359	Single ionization of Helium at 0.5 - 2 MeV proton impact: On the quest for projectile coherence effects. <i>Journal of Physics: Conference Series</i> , 2017 , 875, 092006	0.3	3
358	Investigation of environmental effects in prototypical noble gas clusters using fluorescence spectroscopy. <i>Journal of Physics: Conference Series</i> , 2017 , 875, 032036	0.3	
357	Measurements of the kinetic-energy-release (KER) of vibrational cooled HeH ⁺ and H ₃ ⁺ at the electrostatic Frankfurt low energy storage ring (FLSR). <i>Journal of Physics: Conference Series</i> , 2017 , 875, 092003	0.3	
356	Localized or delocalized K-holes in N ₂ : Photoelectron-Auger electron coincidence experiments with high energy resolution. <i>Journal of Physics: Conference Series</i> , 2017 , 875, 032009	0.3	
355	Coulomb Explosion Imaging as a Tool to Distinguish Between Stereoisomers. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
354	The hydrogen molecule under the reaction microscope: single photon double ionization at maximum cross section and threshold (doubly differential cross sections). <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017 , 50, 164002	1.3	3
353	Fluorescence cascades evoked by resonant interatomic Coulombic decay of inner-valence excited neon clusters. <i>Chemical Physics</i> , 2017 , 482, 165-168	2.3	8
352	Interatomic Coulombic Decay of HeNe dimers after ionization and excitation of He and Ne. <i>Chemical Physics</i> , 2017 , 482, 221-225	2.3	3
351	A comprehensive study of Interatomic Coulombic Decay in argon dimers: Extracting R-dependent absolute decay rates from the experiment. <i>Chemical Physics</i> , 2017 , 482, 185-191	2.3	11

350	Imaging the square of the correlated two-electron wave function of a hydrogen molecule. <i>Nature Communications</i> , 2017 , 8, 2266	17.4	18
349	Angular Streaking for Strong Field Ionization of Molecules: Attosecond Physics Without Attosecond Pulses. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 49-61	0.4	1
348	Two-Particle Interference of Electron Pairs on a Molecular Level. <i>Physical Review Letters</i> , 2016 , 117, 083002	7.4	18
347	Ionization in orthogonal two-color laser fields: Origin and phase dependences of trajectory-resolved Coulomb effects. <i>Physical Review A</i> , 2016 , 94,	2.6	19
346	Nonsequential Double Ionization by Counterrotating Circularly Polarized Two-Color Laser Fields. <i>Physical Review Letters</i> , 2016 , 117, 133202	7.4	87
345	Electron Localization in Dissociating H_2^+ by Retroaction of a Photoelectron onto Its Source. <i>Physical Review Letters</i> , 2016 , 116, 043001	7.4	12
344	Agreement of Experiment and Theory on the Single Ionization of Helium by Fast Proton Impact. <i>Physical Review Letters</i> , 2016 , 116, 073201	7.4	41
343	Dynamical Characteristics of Rydberg Electrons Released by a Weak Electric Field. <i>Physical Review Letters</i> , 2016 , 116, 143006	7.4	18
342	Quasimolecular electron promotion beyond the $1s$ and $2p$ channels in slow collisions of He^{2+} and He. <i>Physical Review A</i> , 2016 , 94,	2.6	2
341	First results from the Jordan COLTRIMS imaging system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016 , 380, 84-89	1.2	1
340	Electron spin polarization in strong-field ionization of xenon atoms. <i>Nature Photonics</i> , 2016 , 10, 526-528	33.9	77
339	Absolute Configuration from Different Multifragmentation Pathways in Light-Induced Coulomb Explosion Imaging. <i>ChemPhysChem</i> , 2016 , 17, 2465-72	3.2	30
338	Molecular frame photoelectron angular distributions for core ionization of ethane, carbon tetrafluoride and 1,1-difluoroethylene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 055203	1.3	9
337	Stereochemical configuration and selective excitation of the chiral molecule halothane. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 234001	1.3	7
336	Imaging the He_2 quantum halo state using a free electron laser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14651-14655	11.5	53
335	Delocalization of a Vacancy across Two Neon Atoms Bound by the van der Waals Force. <i>Physical Review Letters</i> , 2016 , 117, 263001	7.4	8
334	Imaging the Temporal Evolution of Molecular Orbitals during Ultrafast Dissociation. <i>Physical Review Letters</i> , 2016 , 117, 243002	7.4	23
333	Streaking temporal double-slit interference by an orthogonal two-color laser field. <i>Physical Review Letters</i> , 2015 , 114, 143001	7.4	77

332	Three-body physics. Observation of the Efimov state of the helium trimer. <i>Science</i> , 2015 , 348, 551-5	33.3	148
331	Auger decay and subsequent fragmentation pathways of ethylene following K-shell ionization. <i>Physical Review A</i> , 2015 , 92,	2.6	7
330	Status of the Frankfurt low energy electrostatic storage ring (FLSR). <i>Physica Scripta</i> , 2015 , T166, 014064	2.6	2
329	Charge transfer processes in proton-helium collisions: The validity of the first Born approximation. <i>Journal of Physics: Conference Series</i> , 2015 , 601, 012008	0.3	
328	Direct Determination of Molecular Handedness via Coulomb Explosion Imaging. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112065	0.3	
327	Experiments at the Frankfurt low energy storage ring (FLSR). <i>Journal of Physics: Conference Series</i> , 2015 , 635, 032113	0.3	
326	Observation of the Efimov state of the helium trimer. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112096	0.3	1
325	A Single Atom Antenna. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112099	0.3	
324	A molecular movie of Interatomic Coulombic Decay in NeKr. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112100	0.3	
323	Designing a COLTRIMS Reaction-Microscope for multi-hit coincident measurements with the SQS instrument at European XFEL. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112082	0.3	
322	Experimental measurement of Interatomic Coulombic Decay rates in Argon dimers. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112088	0.3	
321	Streaking temporal double slit interference by an orthogonal two-color laser field. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 092036	0.3	1
320	Measurement of the spin polarization of electrons in a strong laser field. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 092069	0.3	
319	Photo-double-ionization of ethylene and acetylene near threshold. <i>Physical Review A</i> , 2014 , 89,	2.6	34
318	Electron emission from H ₂ ⁺ in strong laser fields. <i>Physical Review A</i> , 2014 , 89,	2.6	13
317	Resonant Auger decay driving intermolecular Coulombic decay in molecular dimers. <i>Nature</i> , 2014 , 505, 664-6	50.4	95
316	Doppelspalt-Interferenz an Molekülen. <i>Physik in Unserer Zeit</i> , 2014 , 45, 9-10	0.1	
315	Vortices Associated with the Wave Function of a Single Electron Emitted in Slow Ion-Atom Collisions. <i>Physical Review Letters</i> , 2014 , 112,	7.4	25

314	Signatures of the continuum electron phase in molecular strong-field photoelectron holography. <i>Nature Physics</i> , 2014 , 10, 594-600	16.2	112
313	Experimental Proof of Resonant Auger Decay Driven Intermolecular Coulombic Decay. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 022009	0.3	1
312	Transfer ionization of D+and He+projectiles with H2-molecules ↳electron emission dependency on the internuclear axis. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 102003	0.3	
311	Full fragmentation and enantiomeric selection of the isotopically chiral molecule CHCl2Br. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 032020	0.3	
310	First light on3dphotoionization of multiply charged xenon ions: a new photon-ion merged beam setup at PETRA III. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 142006	0.3	
309	Single photon double ionization of Helium at 800 eV ↳bbservation of the Quasi Free Mechanism. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 022007	0.3	
308	Experimental observation of the vibrational wavefunction of4He2,4He3and4He23He using strong laser-fields. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 132024	0.3	
307	Detecting ultrafast interatomic electronic processes in media by fluorescence. <i>New Journal of Physics</i> , 2014 , 16, 102002	2.9	16
306	Orientation dependence in multiple ionization of He2 and Ne2 induced by fast, highly charged ions: Probing the impact-parameter-dependent ionization probability in 11.37-MeV/u S14+ collisions with He and Ne. <i>Physical Review A</i> , 2014 , 89,	2.6	17
305	Hydrogen and fluorine migration in photo-double-ionization of 1,1-difluoroethylene (1,1-C2H2F2) near and above threshold. <i>Physical Review A</i> , 2014 , 89,	2.6	3
304	Transfer excitation reactions in fast proton-helium collisions. <i>Physical Review A</i> , 2014 , 89,	2.6	11
303	Interatomic-Coulombic-decay-induced recapture of photoelectrons in helium dimers. <i>Physical Review A</i> , 2014 , 90,	2.6	10
302	Search for isotope effects in projectile and target ionization in swift He+ on H2 or D2 collisions. <i>Physical Review A</i> , 2014 , 89,	2.6	1
301	Imaging the structure of the trimer systems (4)He3 and (3)He(4)He2. <i>Nature Communications</i> , 2014 , 5, 5765	17.4	40
300	Ion impact induced ionization/fragmentation dynamics of rare gas Dimers. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 102006	0.3	
299	Numerical simulations of single-photon double ionization of the helium dimer. <i>Physical Review A</i> , 2013 , 88,	2.6	4
298	Understanding the role of phase in chemical bond breaking with coincidence angular streaking. <i>Nature Communications</i> , 2013 , 4, 2177	17.4	55
297	Electron-nuclear energy sharing in above-threshold multiphoton dissociative ionization of H2. <i>Physical Review Letters</i> , 2013 , 111, 023002	7.4	45

296	Strong field multiple ionization as a route to electron dynamics in a van der Waals cluster. <i>Physical Review Letters</i> , 2013 , 111, 083003	7.4	14
295	Momentum transfer to a free floating double slit: realization of a thought experiment from the Einstein-Bohr debates. <i>Physical Review Letters</i> , 2013 , 111, 103201	7.4	17
294	Ion-impact-induced interatomic Coulombic decay in neon and argon dimers. <i>Physical Review A</i> , 2013 , 88,	2.6	31
293	Two-dimensional electron-momentum distributions for transfer ionization in fast proton-helium collisions. <i>Physical Review A</i> , 2013 , 88,	2.6	8
292	Laser-induced orbital projection and diffraction of O-2 with velocity map imaging. <i>Journal of Modern Optics</i> , 2013 , 60, 1395-1408	1.1	4
291	Steering the nuclear motion in singly ionized argon dimers with mutually detuned laser pulses. <i>Physical Review Letters</i> , 2013 , 110, 033005	7.4	10
290	Ejection of quasi-free-electron pairs from the helium-atom ground state by single-photon absorption. <i>Physical Review Letters</i> , 2013 , 111, 013003	7.4	36
289	Direct determination of absolute molecular stereochemistry in gas phase by Coulomb explosion imaging. <i>Science</i> , 2013 , 341, 1096-100	33.3	171
288	Optimization of single-cycle terahertz generation in LiNbO3 for sub-50 femtosecond pump pulses. <i>Optics Express</i> , 2013 , 21, 6826-36	3.3	24
287	Few-body quantum dynamics of high-Z ions studied at the future relativistic high-energy storage ring. <i>Physica Scripta</i> , 2013 , T156, 014086	2.6	5
286	Future experiments using forward electron spectroscopy to study the quantum dynamics of high-Z ions at the ESR/CRYRING storage rings. <i>Physica Scripta</i> , 2013 , T156, 014087	2.6	8
285	Simultaneous probing of geometry and electronic orbital of ArCO by Coulomb-explosion imaging and angle-dependent tunneling rates. <i>Physical Review A</i> , 2013 , 88,	2.6	17
284	Comparison of dissociative ionization of H2, N2, Ar2, and CO by elliptically polarized two-color pulses. <i>Physical Review A</i> , 2013 , 87,	2.6	34
283	Observation of electron energy discretization in strong field double ionization. <i>Physical Review Letters</i> , 2013 , 111, 113003	7.4	29
282	Vibrationally resolved decay width of interatomic Coulombic decay in HeNe. <i>Physical Review Letters</i> , 2013 , 111, 233004	7.4	42
281	Unusual under-threshold ionization of neon clusters studied by ion spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013 , 46, 164023	1.3	17
280	Charge and energy transfer in argon-core-neon-shell clusters irradiated by free-electron-laser pulses at 62 nm. <i>Physical Review A</i> , 2012 , 86,	2.6	14
279	Probing the tunnelling site of electrons in strong field enhanced ionization of molecules. <i>Nature Communications</i> , 2012 , 3, 1113	17.4	70

278	Calculated and measured angular correlation between photoelectrons and Auger electrons from K-shell ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012 , 45, 175001	1.3	4
277	Coulomb asymmetry and sub-cycle electron dynamics in multiphoton multiple ionization of H ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012 , 45, 194011	1.3	31
276	Coulomb asymmetry in strong field multielectron ionization of diatomic molecules. <i>Physical Review Letters</i> , 2012 , 108, 043002	7.4	32
275	Strongly enhanced backward emission of electrons in transfer and ionization. <i>Physical Review Letters</i> , 2012 , 108, 043202	7.4	16
274	Multiorbital tunneling ionization of the CO molecule. <i>Physical Review Letters</i> , 2012 , 108, 183001	7.4	113
273	Electron transfer in fast proton-helium collisions. <i>Physical Review A</i> , 2012 , 85,	2.6	28
272	Structures of N ₂ Ar, O ₂ Ar, and O ₂ Xe dimers studied by Coulomb explosion imaging. <i>Journal of Chemical Physics</i> , 2012 , 137, 104308	3.9	30
271	Momentum spectrometer for electron-electron coincidence studies on superconductors. <i>Review of Scientific Instruments</i> , 2012 , 83, 103905	1.7	9
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