

M S Schäffler

List of Publications by Year in descending order

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181
papers

22,203
citations

53789
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182
all docs

182
docs citations

182
times ranked

41056
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-slit photoelectron interference in strong-field ionization of the neon dimer. <i>Nature Communications</i> , 2019, 10, 1.	12.8	15,301
2	Attosecond angular streaking. <i>Nature Physics</i> , 2008, 4, 565-570.	16.7	410
3	Experimental Observation of Interatomic Coulombic Decay in Neon Dimers. <i>Physical Review Letters</i> , 2004, 93, 163401.	7.8	281
4	Ultrafast energy transfer between water molecules. <i>Nature Physics</i> , 2010, 6, 139-142.	16.7	271
5	Binary and Recoil Collisions in Strong Field Double Ionization of Helium. <i>Physical Review Letters</i> , 2007, 99, 263002.	7.8	255
6	Direct Determination of Absolute Molecular Stereochemistry in Gas Phase by Coulomb Explosion Imaging. <i>Science</i> , 2013, 341, 1096-1100.	12.6	234
7	The Simplest Double Slit: Interference and Entanglement in Double Photoionization of H ₂ . <i>Science</i> , 2007, 318, 949-952.	12.6	216
8	Single Photon-Induced Symmetry Breaking of H ₂ Dissociation. <i>Science</i> , 2007, 315, 629-633.	12.6	185
9	Ultrafast Probing of Core Hole Localization in N ₂ . <i>Science</i> , 2008, 320, 920-923.	12.6	168
10	Few-Photon Multiple Ionization of Ne and Ar by Strong Free-Electron-Laser Pulses. <i>Physical Review Letters</i> , 2007, 98, 203001.	7.8	145
11	Attosecond-Recollision-Controlled Selective Fragmentation of Polyatomic Molecules. <i>Physical Review Letters</i> , 2012, 109, 243001.	7.8	136
12	Recoil-Ion Momentum Distributions for Two-Photon Double Ionization of He and Ne by 44 ÅeV Free-Electron Laser Radiation. <i>Physical Review Letters</i> , 2008, 101, 073003.	7.8	132
13	Fully Differential Rates for Femtosecond Multiphoton Double Ionization of Neon. <i>Physical Review Letters</i> , 2004, 92, 213002.	7.8	131
14	Attosecond Probe of Valence-Electron Wave Packets by Subcycle Sculpted Laser Fields. <i>Physical Review Letters</i> , 2012, 108, 193004.	7.8	131
15	Attosecond Strobing of Two-Surface Population Dynamics in Dissociating H ₂ ⁺ . <i>Physical Review Letters</i> , 2007, 98, 073003.	7.8	128
16	Fragmentation Dynamics of CO by Multiple Electron Capture in Collisions with Slow Highly Charged Ions. <i>Physical Review Letters</i> , 2010, 104, 103201.	7.8	127
17	Resonant Auger decay driving intermolecular Coulombic decay in molecular dimers. <i>Nature</i> , 2014, 505, 664-666.	27.8	119
18	Interatomic Coulombic Decay following Photoionization of the Helium Dimer: Observation of Vibrational Structure. <i>Physical Review Letters</i> , 2010, 104, 133401.	7.8	107

#	ARTICLE	IF	CITATIONS
19	Two-photon double ionization of Ne by free-electron laser radiation: a kinematically complete experiment. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 141002.	1.5	87
20	Electron-Transfer-Mediated Decay and Interatomic Coulombic Decay from the Triply Ionized States in Argon Dimers. <i>Physical Review Letters</i> , 2011, 106, 033401. <small>State-selective differential cross sections for single and double electron capture in mml:math</small>	7.8	70
21	$\text{He} + \text{He} \rightarrow \text{He} + \text{He}$ <small>xml�:math="http://www.w3.org/1998/Math/MathML"</small> <small>display="inline"><math>\text{He} + \text{He} \rightarrow \text{He} + \text{He}</math></small> <small>xml�:math="http://www.w3.org/1998/Math/MathML"</small> <small>display="inline"><math>\text{He} + \text{He} \rightarrow \text{He} + \text{He}</math></small>	2.5	69
22	Core-Hole Screening as a Probe for a Metal-to-Nonmetal Transition in Lead Clusters. <i>Physical Review Letters</i> , 2009, 102, 138303.	7.8	69
23	Magnetic fields alter strong-field ionization. <i>Nature Physics</i> , 2019, 15, 1222-1226.	16.7	69
24	Experimental Separation of Virtual Photon Exchange and Electron Transfer in Interatomic Coulombic Decay of Neon Dimers. <i>Physical Review Letters</i> , 2007, 99, 153401.	7.8	66
25	Selective Control over Fragmentation Reactions in Polyatomic Molecules Using Impulsive Laser Alignment. <i>Physical Review Letters</i> , 2014, 112, 163003.	7.8	66
26	Understanding the role of phase in chemical bond breaking with coincidence angular streaking. <i>Nature Communications</i> , 2013, 4, 2177.	12.8	64
27	Evolution of Interatomic Coulombic Decay in the Time Domain. <i>Physical Review Letters</i> , 2013, 111, 093401.	7.8	64
28	Vibrationally Resolved K-shell Photoionization of CO with Circularly Polarized Light. <i>Physical Review Letters</i> , 2004, 93, 083002.	7.8	63
29	Few-Photon Multiple Ionization of N_2 by Extreme Ultraviolet Free-Electron Laser Radiation. <i>Physical Review Letters</i> , 2009, 102, 123002.	7.8	62
30	Imaging Polyatomic Molecules in Three Dimensions Using Molecular Frame Photoelectron Angular Distributions. <i>Physical Review Letters</i> , 2012, 108, 233002.	7.8	62
31	Zeptosecond birth time delay in molecular photoionization. <i>Science</i> , 2020, 370, 339-341.	12.6	62
32	Relaxation processes following photoionization and Auger decay in Ne_2 . <i>Physical Review A</i> , 2008, 78, .	2.5	61
33	Interference in the Collective Electron Momentum in Double Photoionization of H ₂ . <i>Physical Review Letters</i> , 2008, 100, 133005.	7.8	59
34	Young-Type Interference in Collisions between Hydrogen Molecular Ions and Helium. <i>Physical Review Letters</i> , 2008, 101, 173202.	7.8	59
35	Differential cross sections for non-sequential double ionization of He by 52 eV photons from the Free Electron Laser in Hamburg, FLASH. <i>New Journal of Physics</i> , 2010, 12, 073035.	2.9	59
36	Imaging the structure of the trimer systems 4He3 and 3He4He2. <i>Nature Communications</i> , 2014, 5, 5765.	12.8	59

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37	Spatial Imaging of the H_{α} Vibrational Wave Function at the Quantum Limit. <i>Physical Review Letters</i> , 2012, 108, 073202.	7.8	58
38	Auger Electron Emission from Fixed-in-Space CO. <i>Physical Review Letters</i> , 2003, 90, 153003.	7.8	56
39	Agreement of Experiment and Theory on the Single Ionization of Helium by Fast Proton Impact. <i>Physical Review Letters</i> , 2016, 116, 073201.	7.8	55
40	Enhanced production of low energy electrons by alpha particle impact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11821-11824.	7.1	53
41	Vibrationally Resolved Decay Width of Interatomic Coulombic Decay in HeNe. <i>Physical Review Letters</i> , 2013, 111, 233004.	7.8	53
42	High Energy Proton Ejection from Hydrocarbon Molecules Driven by Highly Efficient Field Ionization. <i>Physical Review Letters</i> , 2011, 106, 163001.	7.8	52
43	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
44	Localization of inner-shell photoelectron emission and interatomic Coulombic decay in Ne ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 101002.	1.5	49
45	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
46	X-ray multiphoton-induced Coulomb explosion images complex single molecules. <i>Nature Physics</i> , 2022, 18, 423-428.	16.7	48
47	Ejection of Quasi-Free-Electron Pairs from the Helium-Atom Ground State by Single-Photon Absorption. <i>Physical Review Letters</i> , 2013, 111, 013003.	7.8	43
48	Fragmentation pathways for selected electronic states of the acetylene dication. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 091001.	1.5	42
49	Ionization Dynamics of Helium Dimers in Fast Collisions with He. <i>Physical Review Letters</i> , 2011, 106, 033201.	7.8	39
50	Tracing direct and sequential two-photon double ionization of He. <i>Physical Review A</i> , 2010, 81, .	2.5	37
51	Ion-impact-induced interatomic Coulombic decay in neon and argon dimers. <i>Physical Review A</i> , 2013, 88, .	2.5	37
52	Subcycle interference upon tunnel ionization by counter-rotating two-color fields. <i>Physical Review A</i> , 2018, 97, .	2.5	37
53	Two-Center Double-Capture Interference in Fast $e^- + H_2 \rightarrow H^- + H$ Collisions. <i>Physical Review Letters</i> , 2009, 102, 153201.	7.8	36
54	Optimization of single-cycle terahertz generation in LiNbO ₃ for sub-50 femtosecond pump pulses. <i>Optics Express</i> , 2013, 21, 6826.	3.4	36

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55	Photo- and Auger-Electron Recoil Induced Dynamics of Interatomic Coulombic Decay. Physical Review Letters, 2009, 103, 033001.		7.8	35
56	Single Photon Double Ionization of the Helium Dimer. Physical Review Letters, 2010, 104, 153401.		7.8	35
57	Electron transfer in fast proton-helium collisions. Physical Review A, 2012, 85, .		2.5	35
58	Interatomic Coulombic decay following $\text{Ne} \times \text{He}$ xml�:math="http://www.w3.org/1998/Math/MathML" display="block"> $\text{Ne} \times \text{He} \rightarrow \text{Ne}^+ + \text{He}^+$ Auger decay in NeAr. Physical Review A, 2011, 83, .		2.5	34
59	Revealing the effect of angular correlation in the ground-state He wavefunction: a coincidence study of the transfer ionization process. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, L123-L128.		1.5	33
60	Observation of Electron Energy Discretization in Strong Field Double Ionization. Physical Review Letters, 2013, 111, 113003.		7.8	32
61	Photoelectron Diffraction Imaging of a Molecular Breakup Using an X-Ray Free-Electron Laser. Physical Review X, 2020, 10, .		8.9	31
62	Energy sharing and asymmetry parameters for photo double ionization of helium 100 eV above threshold in single-particle and Jacobi coordinates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, L521-L526.		1.5	30
63	Controlling Low-Energy Electron Emission via Resonant-Auger-Induced Interatomic Coulombic Decay. Journal of Physical Chemistry Letters, 2013, 4, 1838-1842.		4.6	30
64	Transfer ionization process $\text{He} + \text{H}_2 \rightarrow \text{He}^+ + \text{H}_2^+ + \text{e}^-$ with the ejected electron detected in the plane perpendicular to the incident beam direction. Physical Review A, 2005, 71, .		2.5	29
65	Imaging the Temporal Evolution of Molecular Orbitals during Ultrafast Dissociation. Physical Review Letters, 2016, 117, 243002.		7.8	29
66	Electric Nondipole Effect in Strong-Field Ionization. Physical Review Letters, 2021, 126, 053202.		7.8	29
67	Double ionization by one and many photons. Radiation Physics and Chemistry, 2004, 70, 191-206.		2.8	28
68	Laser-subcycle control of sequential double-ionization dynamics of helium. Physical Review A, 2016, 93, .		2.5	28
69	Partial Photoionization Cross Sections and Angular Distributions for Double Excitation of Helium up to the N=13 Threshold. Physical Review Letters, 2005, 95, 243003.		7.8	27
70	Photo-double-ionization of He : Two-center interference and its dependence on the internuclear distance. Physical Review A, 2008, 78, .		2.5	27
71	Angular Correlation between Photoelectrons and Auger Electrons from He : -Shell Ionization of Neon. Physical Review Letters, 2009, 102, 223001.		7.8	27
72	Probing the dynamics of dissociation of methane following core ionization using three-dimensional molecular-frame photoelectron angular distributions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 194003.		1.5	27

#	ARTICLE	IF	CITATIONS
73	Enantioselective fragmentation of an achiral molecule in a strong laser field. <i>Science Advances</i> , 2019, 5, eaau7923.	10.3	27
74	Angular dependence of the Wigner time delay upon tunnel ionization of H ₂ . <i>Nature Communications</i> , 2021, 12, 1697.	12.8	27
75	Photoelectron and ICD electron angular distributions from fixed-in-space neon dimers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 2597-2606.	1.5	25
76	Evidence of interatomic Coulombic decay in ArKr after Ar 2p Auger decay. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 025101.	1.5	25
77	Path-selective investigation of intense laser-pulse-induced fragmentation dynamics in triply charged 1,3-butadiene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 085603.	1.5	25
78	Radiative-electron-capture-to-continuum cusp in U ₈₈ ⁺⁺ N ₂ collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. <i>Physical Review A</i> , 2014, 90, .	2.5	25
79	Two-Particle Interference of Electron Pairs on a Molecular Level. <i>Physical Review Letters</i> , 2016, 117, 083002.	7.8	25
80	Collision dynamics in electron-capture processes with excitation. <i>Physical Review A</i> , 2009, 80, .	2.5	24
81	Electron Diffraction Self-Imaging of Molecular Fragmentation in Two-Step Double Ionization of Water. <i>Physical Review Letters</i> , 2011, 106, 133001.	7.8	24
82	Probing the influence of the Coulomb field on atomic ionization by sculpted two-color laser fields. <i>New Journal of Physics</i> , 2013, 15, 043050.	2.9	24
83	Angular scattering in fast ion-atom electron transfer collisions: projectile wave diffraction and Thomas mechanisms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 185209.	1.5	23
84	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.	7.8	23
85	Interatomic Coulombic decay following the Auger decay: Experimental evidence in rare-gas dimers. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2008, 166-167, 3-10.	1.7	22
86	Dynamics of two-electron photoemission from Cu(111). <i>Physical Review B</i> , 2008, 77, .	3.2	22
87	Hydrogen migration and C-C bond breaking in 1,3-butadiene in intense laser fields studied by coincidence momentum imaging. <i>Chemical Physics Letters</i> , 2010, 484, 119-123.	2.6	22
88	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.	7.8	22
89	Observation of Photon Backward Emission in Photolionization of He and N ₂ . <i>Physical Review Letters</i> , 2020, 124, 233201.	7.8	22
90	Probing molecular bond-length using molecular-frame photoelectron angular distributions. <i>Journal of Chemical Physics</i> , 2019, 150, 174306.	3.0	21

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91	Auger decay of He^{18+} . Physical Review Letters, 2015, 115, .	2.5	20
92	Electron-capture-to-continuum cusp in He^{18+} . Physical Review A, 2015, 91, .	2.5	20
93	Separating Dipole and Quadrupole Contributions to Single-Photon Double Ionization. Physical Review Letters, 2018, 121, 173003.	7.8	20
94	Auger decay of He^{18+} . Physical Review A, 2010, 82, .	2.5	19
95	Photoelectron and Auger-electron angular distributions of fixed-in-space CO ₂ . Physical Review A, 2009, 80, .	2.5	18
96	Strongly Enhanced Backward Emission of Electrons in Transfer and Ionization. Physical Review Letters, 2012, 108, 043202.	7.8	18
97	Single ionization of helium by fast proton impact in different kinematical regimes. Physical Review A, 2019, 99, .	2.5	18
98	Photo double ionization of helium 100 eV and 450 eV above threshold: I. Linearly polarized light. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 615-633.	1.5	17
99	Nondipole effects in the angular distribution of photoelectrons from the C K shell of the CO molecule. Physical Review A, 2006, 73, .	2.5	17
100	Separation of Auger transitions into different repulsive states after K-shell photoionization of N ₂ molecules. Physical Review A, 2009, 80, .	2.5	17
101	Matter wave optics perspective at molecular photoionization: K-shell photoionization and Auger decay of N ₂ . New Journal of Physics, 2011, 13, 095013.	2.9	17
102	Electron-loss-to-continuum cusp in U ₈₈ ⁺⁺ +N ₂ collisions. Physical Review A, 2014, 90, .	2.5	17
103	Transfer excitation reactions in fast proton-helium collisions. Physical Review A, 2014, 89, .	2.5	17
104	Strong Differential Photoion Circular Dichroism in Strong-Field Ionization of Chiral Molecules. Physical Review Letters, 2021, 126, 083201.	7.8	17
105	Coulomb explosion imaging of small polyatomic molecules with ultrashort x-ray pulses. Physical Review Research, 2022, 4, .	3.6	17
106	Imaging of continuum states of the He ₂₂₊ +quasimolecule. Physical Review A, 2007, 76, .	2.5	16
107	Electron Localization in Dissociating H ₂ . Physical Review Letters, 2016, 116, 043001.	7.8	16
108	Subfemtosecond Tracing of Molecular Dynamics during Strong-Field Interaction. Physical Review Letters, 2019, 123, 263201.	7.8	16

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109	Photon Momentum Transfer in Single-Photon Double Ionization of Helium. Physical Review Letters, 2020, 124, 043201.		7.8	16
110	Photo double ionization of helium 100 eV and 450 eV above threshold: III. Gerade and ungerade amplitudes and their relative phases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 645-657.		1.5	15
111	EUV-photon-induced multiple ionization and fragmentation dynamics: from atoms to molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 134012.		1.5	15
112	Dynamic modification of the fragmentation of autoionizing states of O ₂ ⁺ . Physical Review A, 2011, 84, .		2.5	15
113	Delocalization of a Vacancy across Two Neon Atoms Bound by the van der Waals Force. Physical Review Letters, 2016, 117, 263001.		7.8	15
114	Angular distributions of photoelectrons and interatomic-Coulombic-decay electrons from helium dimers: Strong dependence on the internuclear distance. Physical Review A, 2010, 82, .		2.5	14
115	Transfer ionization and its sensitivity to the ground-state wave function. Physical Review A, 2013, 87, .		2.5	14
116	Unambiguous observation of F-atom core-hole localization in CF through body-frame photoelectron angular distributions. Physical Review A, 2017, 95, .			
117	Sideband modulation by subcycle interference. Physical Review A, 2020, 102, .		2.5	14
118	Experimental Separation of Subcycle Ionization Bursts in Strong-Field Double Ionization of H ₂ . Physical Review Letters, 2020, 124, 103201.		7.8	14
119	Fully Differential Study of Transfer Ionization Processes?a View into Correlated Many Particle Dynamics. Physica Scripta, 2004, 110, 379.		2.5	13
120	Charge exchange and X-ray emission in 70MeV/u Bi+Au collisions. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 309-314.		1.4	13
121	Formation of inner-shell autoionizing CO ⁺ -states below the CO ₂ ⁺ -threshold. Physical Review A, 2010, 81, .		2.5	13
122	Probing superheavy quasimolecular collisions with incoming inner shell vacancies. Nuclear Instruments & Methods in Physics Research B, 2006, 245, 56-60.		1.4	11
123	Dynamic modification of the fragmentation of CO states generated with high-order harmonics. Physical Review A, 2010, 82, .		2.5	11
124	Carbon K-shell photoionization of CO: Molecular frame angular distributions of normal and conjugate shakeup satellites. Journal of Electron Spectroscopy and Related Phenomena, 2011, 183, 48-52.		1.7	11
125	Momentum spectrometer for electron-electron coincidence studies on superconductors. Review of Scientific Instruments, 2012, 83, 103905.		1.3	11
126	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

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127	Multiphoton double ionization of helium at 394 nm: A fully differential experiment. Physical Review A, 2018, 98, .	2.5	11
128	Photoelectron circular dichroism of O 1s-photoelectrons of uniaxially oriented trifluoromethyloxirane: energy dependence and sensitivity to molecular configuration. Physical Chemistry Chemical Physics, 2021, 23, 17248-17258.	2.8	11
129	Angular streaking in strong field ionization of chiral molecules. Physical Review Research, 2019, 1, .	3.6	11
130	Photo induced multiple fragmentation of atoms and molecules: Dynamics of Coulombic many-particle systems studied with the COLTRIMS reaction microscope. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 347, 95-102.	2.1	10
131	Two-dimensional electron-momentum distributions for transfer ionization in fast proton-helium collisions. Physical Review A, 2013, 88, .	2.5	10
132	Breakdown of the Spectator Concept in Low-Electron-Energy Resonant Decay Processes. Physical Review Letters, 2018, 121, 243002.	7.8	10
133	Photoelectron energy peaks shift against the radiation pressure in strong-field ionization. Science Advances, 2022, 8, eabn7386.	10.3	10
134	Dynamics of electron-capture-to-continuum (ECC) formation in slow ionâ€“atom collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 1745-1753.	1.5	9
135	Spectroscopy of superheavy quasimolecules. Radiation Physics and Chemistry, 2006, 75, 2014-2018.	2.8	8
136	Interatomic Coulombic decay of fixed-in-space neon dimers. Physical Review A, 2012, 85, .	2.5	8
137	Photon-Momentum-Induced Molecular Dynamics in Photolionization of $\text{C}_{20}\text{H}_{12}$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 635-643.	1.5	7
138	Chiral photoelectron angular distributions from ionization of achiral atomic and molecular species. Physical Review Research, 2020, 2, .	3.6	8
139	Many-particle fragmentation processes in atomic and molecular physics â€“ new insight into the world of correlation. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 3-11.	1.4	7
140	Photo double ionization of helium 100 eV and 450 eV above threshold: II. Circularly polarized light. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 635-643.	1.5	7
141	Numerical investigation of the sequential-double-ionization dynamics of helium in different few-cycle-laser-field shapes. Physical Review A, 2017, 95, .	2.5	7
142	Experimental evidence for selection rules in multiphoton double ionization of helium and neon. Physical Review A, 2018, 97, .	2.5	7
143	Multi-fragment vector correlation imaging. A search for hidden dynamical symmetries in many-particle molecular fragmentation processes. Molecular Physics, 2012, 110, 1863-1872.	1.7	6

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145	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, .	3.6	6
146	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.	1.5	5
147	Many-particle dynamics in atomic and molecular physics investigated with the COLTRIMS-technique: New insight into e-e correlation. <i>Nuclear Physics A</i> , 2004, 737, 306-313.	1.5	4
148	Single photon double ionization of H by circularly polarized photons at a photon energy of 160 eV. <i>European Physical Journal: Special Topics</i> , 2009, 169, 109-116.	2.6	3
149			

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163	Electron diffraction self imaging of molecular fragmentation in two step double ionization of water. Journal of Physics: Conference Series, 2012, 388, 022029.	0.4	0
164	Double Auger Emission of fixed-in-space Carbon Monoxide following Core-Excitation and Ionization. Journal of Physics: Conference Series, 2012, 388, 022066.	0.4	0
165	Dissociative Photoionization of Methane at the Carbon K-edge. Journal of Physics: Conference Series, 2012, 388, 022085.	0.4	0
166	Transfer ionization in swift D+on H ₂ collisions – dependence of the electron emission on the internuclear distance. Journal of Physics: Conference Series, 2012, 388, 102030.	0.4	0
167	Controlling and reading interference structures created by strong field ionizing attosecond electron wave packets. Journal of Physics: Conference Series, 2012, 388, 032059.	0.4	0
168	Observing the influence of the Coulomb binding potential on momentum spectra of strong-field driven electronic wave packets. Journal of Physics: Conference Series, 2012, 388, 032060.	0.4	0
169	Transfer excitation reactions in fast proton-helium collisions. Journal of Physics: Conference Series, 2014, 488, 082003.	0.4	0
170	Strong field double ionization of Helium with ultra-short phase stabilized circularly polarized laser pulses. Journal of Physics: Conference Series, 2014, 488, 032010.	0.4	0
171	Transfer ionization of D ⁺ and He ⁺⁺ projectiles with H ₂ -molecules – electron emission dependency on the internuclear axis. Journal of Physics: Conference Series, 2014, 488, 102003.	0.4	0
172	Full fragmentation and enantiomeric selection of the isotopically chiral molecule CHCl ₂ Br. Journal of Physics: Conference Series, 2014, 488, 032020.	0.4	0
173	Single photon double ionization of Helium at 800 eV – observation of the Quasi Free Mechanism. Journal of Physics: Conference Series, 2014, 488, 022007.	0.4	0
174	2D momentum distribution of electron in transfer ionization of helium atom by fast proton. Journal of Physics: Conference Series, 2014, 488, 082002.	0.4	0
175	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
176	Direct Determination of Molecular Handedness via Coulomb Explosion Imaging. Journal of Physics: Conference Series, 2015, 635, 112065.	0.4	0
177	Forward-angle electron spectroscopy in heavy-ion atom collisions studied at the ESR. Journal of Physics: Conference Series, 2015, 635, 022005.	0.4	0
178	Single ionization of helium by fast proton impact: Searching for projectile coherence. Journal of Physics: Conference Series, 2015, 635, 022053.	0.4	0
179	A Single Atom Antenna. Journal of Physics: Conference Series, 2015, 635, 112099.	0.4	0
180	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

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IF CITATIONS

181	Study of chiral asymmetries in the inner-shell photoionization of partially oriented trifluoro-methyloxirane. Journal of Physics: Conference Series, 2020, 1412, 152097.	0.4	0
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