

Invited Review Articles:

1. Interatomic and Intermolecular Coulombic Decay: The Coming of Age Story

T. Jahnke

J. Phys. B48, 082001 (2015)

2. Time-resolved studies of Interatomic Coulombic Decay

U. Fröhling, F. Trinter, F. Karimi, J. B. Williams, and T. Jahnke

J. Elec. Spec. Rel. Phen. 204, 237 (2015)

3. Photoelectron angular distributions from fixed in space molecules: Summary and Prospectus

J. B. Williams, F. Trinter, M. S. Schöffler, A. Landers, and T. Jahnke

J. Elec. Spec. Rel. Phen. with referees (2016)

Other Invited Articles

4. Multicoincidence studies of photo and Auger electrons from fixed-in-space molecules using the COLTRIMS technique

T. Jahnke, Th. Weber, T. Osipov, A. L. Landers, O. Jagutzki, L. Ph. H. Schmidt, C. L. Cocke, M. H. Prior, H. Schmidt-Böcking, R. Dörner

J. Elec. Spec. Rel. Phen., 141, 229-238 (2004)

5. Interatomic Coulombic Decay: Die subtile Seite der Coulombwechselwirkung,

T. Jahnke, Physik Journal 13, Nr. 8, 55 (2014)

6. Tiefkalte Helium-Moleküle,

S. Zeller, M. Kunitski, J. Voigtsberger, T. Jahnke, R. Dörner, Chemie in unserer Zeit, 2, 80-81 (2017)

List of Peer-Reviewed Publications as of June 2017

Total: 134, Nature group/Science/PNAS: 14, Phys. Rev. Lett.: 40

135. Observation of Enhanced Chiral Asymmetries in the Inner-Shell Photoionization of Uniaxially Oriented Methyloxirane Enantiomers

Maurice Tia, Martin Pitzer, Gregor Kastirke, Janine Gatzke, Hong-Keun Kim, Florian Trinter, Jonas Rist, Alexander Hartung, Daniel Trabert, Juliane Siebert, Kevin Henrichs, Jasper Becht, Stefan Zeller, Helena Gassert, Florian Wiegandt, Robert Wallauer, Andreas Kuhlins, Carl Schober, Tobias Bauer, Natascha Wechselberger, Phillip Burzynski, Jonathan Neff, Miriam Weller, Daniel Metz, Max Kircher, Markus Waitz, Joshua B. Williams, Lothar Ph. H. Schmidt, Anne D. Müller, André Knie, Andreas Hans, Ltaief Ben Ltaief, Arno Ehresmann, Robert Berger, Hironobu Fukuzawa, Kiyoshi Ueda, Horst Schmidt-Böcking, Reinhard Dörner, Till Jahnke, Philipp V. Demekhin, and Markus Schöffler

J. Phys. Chem. Lett., 8, 2780 (2017)

134. The Hydrogen Molecule under the Reaction Microscope:

Single Photon Double Ionization at maximum Cross Section and Threshold

Th. Weber, L. Foucar, T. Jahnke, M. Schöffler, L. Schmidt, M. Prior, and R. Dörner

J. Phys. B., At. Mol. Opt. Phys., under consideration (2017)

133. Imaging the temporal evolution of molecular orbitals during ultrafast dissociation

H. Sann, T. Havermeier, C. Müller, H.-K. Kim, F. Trinter, M. Waitz, J. Voigtsberger,

F. Sturm, T. Bauer, R. Wallauer, D. Schneider, M. Weller, C. Goihl, J. Tross, K. Cole,

J. Wu, M. S. Schöffler, H. Schmidt-Böcking, T. Jahnke, M. Simon, and R. Dörner

Phys. Rev. Lett., 117, 243002 (2016)

132. Imaging the He_2 quantum halo state using a free electron laser

S. Zeller, M. Kunitski, J. Voigtsberger, A. Kalinin, A. Schottelius, C. Schober, M. Waitz, H. Sann, A. Hartung, T. Bauer, M. Pitzer, F. Trinter, C. Goihl, C. Janke, M. Richter, G. Kastirke, M. Weller, A. Czasch, M. Kitzler, M. Braune, R. E. Grisenti, W. Schöllkopf, L. Ph. H. Schmidt, M. Schöffler, J. B. Williams, T. Jahnke, and R. Dörner
PNAS, 113, 14651-14655 (2016)

131. Unambiguous observation of F atom core-hole localization in CF_4 through body-frame photoelectron angular distributions

C. W. McCurdy, T. N. Rescigno, C. S. Trevisan, R. R. Lucchese, B. Gaire, A. Menssen, M. S. Schöffler, A. Gatton, J. Neff, P. M. Stammer, J. Rist, S. Eckart, B. Berry, T. Severt, J. Sartor, A. Moradmand, T. Jahnke, A. L. Landers, J. B. Williams, I. Ben-Itzhak, R. Dörner, A. Belkacem, and Th. Weber
Physical Review A, 95, 011401(R) (2017)

130. Stereochemical configuration and selective excitation of the chiral molecule halothane

Martin Pitzer, Gregor Kastirke, Phillip Burzynski, Miriam Weller, Daniel Metz, Jonathan Neff, Markus Waitz, Florian Trinter, Lothar Ph. H. Schmidt, Joshua B. Williams, Till Jahnke, Horst Schmidt-Böcking, Robert Berger, Reinhard Dörner, Markus Schöffler
J. Phys. B., At. Mol. Opt. Phys. 49, 234001 (2016)

129. Delocalization of a vacancy across two Neon atoms bound by the van der Waals force

H. Sann, C. Schober, A. Mhamdi, F. Trinter, C. Müller, S. K. Semenov, M. Stener, M. Waitz, T. Bauer, R. Wallauer, C. Goihl, J. Titze, F. Afaneh, L. Ph. H. Schmidt, M. Kunitski, H. Schmidt-Böcking, Ph. V. Demekhin, N. A. Cherepkov, M. S. Schöffler, T. Jahnke, and R. Dörner
Phys. Rev. Lett., 117, 263001 (2016)

128. Quasi-molecular electron promotion beyond the $1s\sigma$ and $2p\pi$ channels in slow collisions of He^{2+} and He

L. Ph. H. Schmidt, M. Schöffler, C. Goihl, T. Jahnke, H. Schmidt-Böcking, and R. Dörner
Phys. Rev. A, 94, 052701 (2016)

127. A comprehensive study of Interatomic Coulombic Decay in argon dimers: Extracting R-dependent absolute decay rates from the experiment

J. Rist, T. Miteva, B. Gaire, H. Sann, T. Trinter, M. Keiling, N. Gehrken, A. Moradmand, B. Berry, M. Zohrabi, M. Kunitski, I. Ben-Itzhak, A. Belkacem, T. Weber, A.L. Landers, M. Schöffler, J.B. Williams, P. Kolorenč, K. Gokhberg, T. Jahnke & R. Dörner
Chem. Phys., 482, 185 (2017)

126. Interatomic Coulombic Decay of HeNe dimers after ionization and excitation of He and Ne

H. Sann, T. Havermeier, H.-K. Kim, F. Sturm, F. Trinter, M. Waitz, S. Zeller, B. Ulrich, M. Meckel, S. Voss, T. Bauer, D. Schneider, H. Schmidt-Böcking, R. Wallauer, M. Schöffler, J.B. Williams, R. Dörner, and T. Jahnke
Chem. Phys., 482, 221 (2017)

125. Fluorescence cascades evoked by resonant interatomic Coulombic decay of inner-valence excited neon clusters

A. Hans, L.B. Ltaief, M. Förstel, Ph. Schmidt, Ch. Ozga, Ph. Reiß, X. Holzapfel, C. Küstner-Wetekam, F. Wiegandt, F. Trinter, U. Hergenhahn, T. Jahnke, R. Dörner, A. Ehresmann, Ph.V. Demekhin, and A. Knie
Chem. Phys., 482, 165 (2017)

124. Born in weak fields: below-threshold photoelectron dynamics

Williams, Joshua; Saalmann, Ulf; Trinter, Florian; Schoeffler, Markus; Weller, Miriam; Burzynski, Phillip ; Goihl, Christoph; Henrichs, Kevin; Janke , Christian; Griffin, Brandon; Kastirke, Gregor; Neff, Jonathan; Pitzer, Martin; Waitz, Markus; Yang, Yan; Schiwietz, Gregor ; Zeller, Stefan; Jahnke, Till; Doerner, Reinhard

J. Phys. B., At. Mol. Opt. Phys. 50, 034002 (2017)

123. Ionization in orthogonal two-color laser fields: Origin and phase dependences of trajectory-resolved Coulomb effects

Martin Richter, Kunitski M., Schoeffler M., Jahnke T., Schmidt L., Doerner R.
Phys. Rev. A94, 033416 (2016)

122. Nonsequential Double Ionization by Counterrotating Circularly Polarized Two-Color Laser Fields

S. Eckart, M. Richter, M. Kunitski, A. Hartung, J. Rist, K. Henrichs, N. Schlott, H. Kang, T. Bauer, H. Sann, L. Ph. H. Schmidt, M. Schöffler, T. Jahnke, and R. Dörner
Phys. Rev. Lett. 117, 133202 (2016)

121. Electron spin polarization in strong-field ionization of xenon atoms

Alexander Hartung, Felipe Morales, Maksim Kunitski, Kevin Henrichs, Alina Laucke, Martin Richter, Till Jahnke, Anton Kalinin, Markus Schöffler, Lothar Ph. H. Schmidt, Misha Ivanov, Olga Smirnova and Reinhard Dörner
Nat. Photonics, DOI: 10.1038/NPHOTON.2016.109 (2016)

120. Two-Particle Interference of Electron Pairs on a Molecular Level

M. Waitz, D. Metz, J. Lower, C. Schober, M. Keiling, M. Pitzer, K. Mertens, M. Martins, J. Viefhaus, S. Klumpp, T. Weber, H. Schmidt-Böcking, L. Ph. H. Schmidt, F. Morales, S. Miyabe, T. N. Rescigno, C.W. McCurdy, F. Martín, J. B. Williams, M. S. Schöffler, T. Jahnke and R. Dörner
Phys. Rev. Lett. 117, 083002 (2016)

119. Electron localization in dissociating H_2^+ by retroaction of a photoelectron onto its source

M. Waitz, D. Aslitürk, N. Wechselberger, H. K. Gill, J. Rist, F. Wiegandt, C. Goihl, G. Kastirke, M. Weller, T. Bauer, D. Metz, F. P. Sturm, J. Voigtsberger, S. Zeller, F. Trinter, G. Schiwietz, T. Weber, J. B. Williams, M. S. Schöffler, L. Ph. H. Schmidt, T. Jahnke, and R. Dörner
Phys. Rev. Lett. 116, 043001 (2016)

118. Agreement of experiment and theory on the single ionization of helium by fast proton impact

H. Gassert, O. Chuluunbaatar, M. Waitz, F. Trinter, H. -K. Kim, T. Bauer, A. Laucke, Ch. Müller, J. Voigtsberger, M. Weller, J. Rist, M. Pitzer, S. Zeller, T. Jahnke, L. Ph. H. Schmidt, J. B. Williams, S. A. Zaytsev, A. A. Bulychev, K. A. Kouzakov, H. Schmidt-Böcking, R. Dörner, Yu. V. Popov, and M. S. Schöffler
Phys. Rev. Lett. 116, 073201 (2016)

117. Absolute configuration from different multifragmentation pathways in light-induced Coulomb Explosion Imaging

Martin Pitzer, Gregor Kastirke, Maksim Kunitski, Till Jahnke, Tobias Bauer, Christoph Goihl, Florian Trinter, Carl Schober, Kevin Henrichs, Jasper Becht, Stefan Zeller, Helena Gassert, Markus Waitz, Andreas Kuhlins, Hendrik Sann, Felix Sturm, Florian Wiegandt, Robert Wallauer, Lothar Ph. H. Schmidt, Allan S. Johnson, Manuel Mazenauer, Benjamin Spenger, Sabrina Marquardt, Sebastian Marquardt, Horst Schmidt-Böcking, Jürgen Stohner, Reinhard Dörner, Markus Schöffler, and Robert Berger
ChemPhysChem, 17, 2465 (2016)

116. Molecular frame photoelectron angular distributions for core ionization of ethane, carbon tetrafluoride and 1,1-difluoroethylene

A. Menssen, C. Trevisan, M. Schoeffler, T. Jahnke, I. Bocharova, F. Sturm, N. Gehrken, B. Gaire, H. Gassert, S. Zeller, J. Voigtsberger, A. Kuhlins, A. Gatton, J. Sartor, D. Reedy, C. Nook, B. Berry, M. Zohrabi, A. Kalinin, A. Belkacem, R. Doerner, T. Weber, A. Landers, T. Rescigno, C. McCurdy, J. Williams.

J. Phys. B 49, 055203 (2016)

115. Auger decay and subsequent fragmentation pathways of ethylene following K-shell ionization

B. Gaire, D. J. Haxton, F. P. Sturm, J. Williams, A. Gatton, I. Bocharova, N. Gehrken, M. Schöffler, H. Gassert, S. Zeller, J. Voigtsberger, T. Jahnke, M. Zohrabi, D. Reedy, C. Nook, A. L. Landers, A. Belkacem, C. L. Cocke, I. Ben-Itzhak, R. Dörner, and Th. Weber

Phys. Rev. A92, 013408 (2015)

114. Charge transfer processes in proton-helium collisions: The validity of the first Born approximation

Yu. V. Popov, A. Galstyan, O. Chuluunbaatar, S. Houamer, A. A. Bulychev, M. S. Schöffler, H.-K. Kim, J. N. Titze, T. Jahnke, L. Ph. H. Schmidt, H. Schmidt-Böcking, R. Dörner.

Journal of Physics: Conf. Series 601, 012008 (2015)

113. Streaking temporal double slit interference by an orthogonal two-color laser field

Martin Richter, Maksim Kunitski, Markus Schöffler, Till Jahnke, Lothar P.H. Schmidt, Min Li, Yunquan Liu, and Reinhard Döner

Phys. Rev. Lett. 114, 143001 (2015)

112. Observation of the Efimov state of the helium trimer

M. Kunitski, S. Zeller, J. Voigtsberger, A. Kalinin, L. Ph. H. Schmidt, M. Schöffler, A. Czasch, W. Schöllkopf, R. E. Grisenti, T. Jahnke, D. Blume, and R. Dörner.
SCIENCE 348, 551 (2015)

111. Time-resolved studies of Interatomic Coulombic Decay

U. Fröhling, F. Trinter, F. Karimi, J. B. Williams, and T. Jahnke.
J. Elec. Spec. Rel. Phen. 204, 237 (2015)

110. Interatomic and Intermolecular Coulombic Decay: The Coming of Age Story

T. Jahnke.
J. Phys. B48, 082001 (2015)

109. A molecule without a shape: Imaging the structure of the trimer systems $^4\text{He}_3$ and $^3\text{He}^4\text{He}_2$

J. Voigtsberger, S. Zeller, J. Becht, N. Neumann, F. Sturm, H.-K. Kim, M. Waitz, F. Trinter, M. Kunitski, A. Kalinin, J. Wu, W. Schöllkopf, D. Bressanini, A. Czasch, J. B. Williams, K. Ullmann-Pfleger, L. Ph. H. Schmidt, M. S. Schöffler, R. E. Grisenti, T. Jahnke, and R. Dörner.
Nature Communications 5, 5765 (2014)

108. Detecting ultrafast interatomic electronic processes in media by fluorescence

A. Knie, A. Hans, M. Förstel, U. Hergenhahn, P. Schmidt, P. Reiß, C. Ozga, B. Kambs, F. Trinter, J. Voigtsberger, D. Metz, T. Jahnke, R. Dörner, A. I. Kuleff, L. S Cederbaum, P. V Demekhin, and A. Ehresmann.
New J. Phys. 16, 102002 (2014)

107. Interatomic-Coulombic-decay-induced recapture of photoelectrons in helium dimers

P. Burzynski, F. Trinter, J. B. Williams, M. Weller, M. Waitz, M. Pitzer, J. Voigtsberger, C. Schober, G. Kastirke, C. Müller, C. Goihl, F. Wiegandt, R. Wallauer, A. Kalinin, L. Ph. H. Schmidt, M. Schöffler, G. Schiwietz, N. Sisourat, T. Jahnke, and R. Dörner
Phys. Rev. A90, 022515 (2014)

106. Ab initio calculation of ICD widths in photoexcited HeNe

G. Jabbari, S. Klaiman, Y.-C. Chiang, F. Trinter, T. Jahnke and K. Gokhberg
J. Chem. Phys. 140, 224305 (2014)

105. Multielectron effects in strong-field dissociative ionization of molecules

X. Gong, M. Kunitski, K. J. Betsch, Q. Song, L. Ph. H. Schmidt, T. Jahnke, Nora G. Kling, O. Herrwerth, B. Bergues, A. Senftleben, J. Ullrich, R. Moshammer, G. G. Paulus, I. Ben-Itzhak, M. Lezius, M. F. Kling, H. Zeng, R. R. Jones, and J. Wu
Phys. Rev. A89, 043429 (2014)

104. Absolute cross sections for photoionization of Xe^{q+} ions ($1 \leq q \leq 5$) at the 3d ionization threshold

S. Schippers, S. Ricz, T. Buhr, A. Borovik Jr., J. Hellhund, K. Holste, K. Huber, H.-J. Schäfer, D. Schury, S. Klumpp, K. Mertens, M. Martins, R. Flesch, G. Ulrich, E. Rühl, T. Jahnke, J. Lower, D. Metz, L. P. H. Schmidt, M. Schöffler, J. B. Williams, L. Glaser, F. Scholz, J. Seltmann, J. Viefhaus, A. Dorn, A. Wolf, J. Ullrich, and A. Müller
J. Phys. B47, 115602 (2014)

103. Hydrogen and fluorine migration in photo-double-ionization of 1,1-difluoroethylene (1,1- $C_2H_2F_2$) near and above threshold

B. Gaire, I. Bocharova, F. P. Sturm, N. Gehrken, J. Rist, H. Sann, M. Kunitski, J. Williams, M. S. Schöffler, T. Jahnke, B. Berry, M. Zohrabi, M. Keiling, A. Moradmand, A. L. Landers, A. Belkacem, R. Dörner, I. Ben-Itzhak, and Th. Weber
Phys. Rev. A89, 043423 (2014)

102. Transfer excitation reactions in fast proton-helium collisions

M. S. Schöffler, H.-K. Kim, O. Chuluunbaatar, S. Houamer, A. G. Galstyan, J. N. Titze, T. Jahnke, L. Ph. H. Schmidt, H. Schmidt-Böcking, R. Dörner, Yu. V. Popov, and A. A. Bulychev
Phys. Rev. A89, 032707 (2014)

101. Electron emission from H_2^+ in strong laser fields

M. Odenweller, J. Lower, K. Pahl, M. Schütt, J. Wu, K. Cole, A. Vredenborg, L. Ph. Schmidt, N. Neumann, J. Titze, T. Jahnke, M. Meckel, M. Kunitski, T. Havermeier, S. Voss, M. Schöffler, H. Sann, J. Voigtsberger, H. Schmidt-Böcking, and R. Dörner
Phys. Rev. A89, 013424 (2014)

100. Orientation dependence in multiple ionization of He_2 and Ne_2 induced by fast, highly charged ions: Probing the impact-parameter-dependent ionization probability in 11.37 MeV/u S^{14+} collisions with He and Ne

H.-K. Kim, H. Gassert, J. N. Titze, M. Waitz, J. Voigtsberger, F. Trinter, J. Becht, A. Kalinin, N. Neumann, C. Zhou, L. Ph. H. Schmidt, O. Jagutzki, A. Czasch, M. Schöffler, H. Merabet, H. Schmidt-Böcking, T. Jahnke, H. J. Lüdde, A. Cassimi, and R. Dörner
Phys. Rev. A89, 022704 (2014)

99. Photo-double-ionization of ethylene and acetylene near threshold

B. Gaire, S. Y. Lee, D. J. Haxton, P. M. Pelz, I. Bocharova, F. P. Sturm, N. Gehrken, M. Honig, M. Pitzer, D. Metz, H.-K. Kim, M. Schöffler, R. Dörner, H. Gassert, S. Zeller, J. Voigtsberger, W. Cao, M. Zohrabi, J. Williams, A. Gatton, D. Reedy, C. Nook, Thomas Müller, A. L. Landers, C. L. Cocke, I. Ben-Itzhak, T. Jahnke, A. Belkacem, and Th. Weber
Phys. Rev. A89, 013403 (2014)

98. Experimental Proof of Resonant Auger Decay Driven Intermolecular Coulombic Decay

F. Trinter, M. S. Schöffler, H.-K. Kim, F. Sturm, K. Cole, N. Neumann, A. Vredenborg, J. Williams, I. Bocharova, R. Guillemin, M. Simon, A. Belkacem, A. L. Landers, Th. Weber, H. Schmidt-Böcking, R. Dörner, T. Jahnke.
Nature 505, 664 (2014)

97. vibrationally resolved decay width of Interatomic Coulombic Decay in HeNe

F. Trinter, J. B. Williams, M. Weller, M. Waitz, M. Pitzer, J. Voigtsberger, C. Schober, G. Kastirke, C. Müller, C. Goihl, P. Burzynski, F. Wiegandt, R. Wallauer, A. Kalinin, L. Ph. H. Schmidt, M. S. Schöffler, Y.C. Chiang, K. Gokhberg, T. Jahnke, and R. Dörner
Phys. Rev. Lett. 111, 233004 (2013)

96. Ion-impact-induced interatomic Coulombic decay in neon and argon dimers

H.-K. Kim,¹ H. Gassert, M. S. Schöffler, J. N. Titze, M. Waitz, J. Voigtsberger, F. Trinter, J. Becht, A. Kalinin, N. Neumann, C. Zhou, L. Ph. H. Schmidt, O. Jagutzki, A. Czasch, H. Merabet,³ H. Schmidt-Böcking, T. Jahnke, A. Cassimi, and R. Dörner
Phys. Rev. A88, 042707 (2013)

95. Two-dimensional electron-momentum distributions for transfer ionization in fast proton-helium collisions

M. S. Schöffler, O. Chuluunbaatar, S. Houamer, A. Galstyan, J. N. Titze, L. Ph. H. Schmidt, T. Jahnke, H. Schmidt-Böcking, R. Dörner, Yu. V. Popov, A. A. Gusev, and C. Dal Cappello.
Phys. Rev. A88, 042710 (2013)

94. Observation of Electron Energy Discretization in Strong Field Double Ionization

K. Henrichs, M. Waitz, F. Trinter, H. Kim, A. Menssen, H. Gassert, H. Sann, T. Jahnke, J. Wu, M. Pitzer, M. Richter, M. S. Schöffler, M. Kunitski and R. Dörner
Phys. Rev. Lett., 111, 113003 (2013)

93. Evolution of Interatomic Coulombic Decay in the Time Domain

F. Trinter, J. B. Williams, M. Weller, M. Waitz, M. Pitzer, J. Voigtsberger, C. Schober, G. Kastirke, C. Müller, C. Goihl, P. Burzynski, F. Wiegandt, T. Bauer, R. Wallauer, H. Sann, A. Kalinin, L. Ph. H. Schmidt, M. Schöffler, N. Sisourat, T. Jahnke
Phys. Rev. Lett., 111, 093401 (2013)

92. Strong field multiple ionization as a route to electron dynamics in a van der Waals cluster

J. Wu, X. Gong, M. Kunitski, F.K. Amankona-Diawuo, L. Ph. H. Schmidt, T. Jahnke, A. Czasch, T. Seideman, R. Dörner.
Phys. Rev. Lett., 111, 083003 (2013)

91. Electron-Nuclear Energy Sharing in Above-Threshold Multiphoton Dissociative Ionization of H₂

J. Wu, M. Kunitski, M. Pitzer, F. Trinter, L. Ph. H. Schmidt, T. Jahnke, M. Magrakvelidze, C. B. Madsen, L. B. Madsen, U. Thumm, and R. Dörner.
Phys. Rev. Lett., 111, 023002 (2013)

90. Direct Determination of Absolute Molecular Stereochemistry in Gas Phase by Coulomb Explosion Imaging

M. Pitzer, M. Kunitski, A. S. Johnson, T. Jahnke, H. Sann, F. Sturm, L. Ph. H. Schmidt, H. Schmidt-Böcking, R. Dörner, J. Stohner, J. Kiedrowski, M. Reggelin, S. Marquardt, A. Schießer, R. Berger, and M. S. Schöffler
Science, 341, 1096 (2013)

89. Momentum transfer to a free floating double slit: Realization of a thought experiment from the Einstein-Bohr debates

L. Ph. H. Schmidt, J. Lower, T. Jahnke, S. Schößler, M. Schöffler, A. Menssen, C. Lévêque, N. Sisourat, R. Taïeb, H. Schmidt-Böcking, and R. Dörner
Phys. Rev. Lett., 111, 103201 (2013)

88. Simultaneous probing of geometry and orbital of ArCO by Coulomb explosion imaging and angular dependent tunneling rates

X. Gong, M. Kunitski, L. Ph. H. Schmidt, T. Jahnke, A. Czasch, R. Dörner, and J. Wu
Phys. Rev. A88, 013422 (2013).

87. Understanding the role of phase in chemical bond breaking with coincidence angular streaking

J. Wu, M. Magrakvelidze, L. P. H. Schmidt, M. Kunitski, T. Pfeifer, M. Schöffler, M. Pitzer, M. Richter, S. Voss, H. Sann, H. Kim, J. Lower, T. Jahnke, A. Czasch, U. Thumm, and R. Dörner
Nature Communications, 4, 2177 (2013)

86. Ejection of Quasi-Free-Electron Pairs from the Helium-Atom Ground State by Single-Photon Absorption

M. S. Schöffler, C. Stuck, M. Waitz, F. Trinter, T. Jahnke, U. Lenz, M. Jones, A. Belkacem, A.L. Landers, M.S. Pindzola, C.L. Cocke, J. Colgan, A. Kheifets, I. Bray, H. Schmidt-Böcking, R. Dörner, and Th. Weber
Phys. Rev. Lett., 111, 013003 (2013)

85. Transfer ionization and its sensitivity to the ground-state wave function

M. S. Schöffler, O. Chuluunbaatar, Yu. V. Popov, S. Houamer, J. Titze, T. Jahnke, L. Ph. H. Schmidt, O. Jagutzki, A. G. Galstyan, A. A. Gusev
Phys. Rev. A87, 032715 (2013)

84. Optimization of single-cycle terahertz generation in LiNbO₃ for sub-50 femtosecond pump pulses

M. Kunitski, M. Richter, M. D. Thomson, A. Vredenborg, J. Wu, T. Jahnke, M. Schöffler, H. Schmidt-Böcking, H. G. Roskos, and R. Dörner
Optics Express, Vol. 21, No. 6, 6806 (2013)

83. Comparison of dissociative ionization of H₂, N₂, Ar₂, and CO by elliptically polarized two-color pulses

J. Wu, A. Vredenborg, L. Ph. H. Schmidt, T. Jahnke, A. Czasch, and R. Dörner
Phys. Rev. A87, 023406 (2013)

82. Steering the Nuclear Motion in Singly Ionized Argon Dimers with Mutually Detuned Laser Pulses

J. Wu, M. Magrakvelidze, A. Vredenborg, L. Ph. H. Schmidt, T. Jahnke, A. Czasch, R. Dörner, and U. Thumm
Phys. Rev. Lett., 1110, 033005 (2013)

81. Momentum spectrometer for electron-electron coincidence studies on superconductors

R. Wallauer, S. Voss, L. Foucar, T. Bauer, D. Schneider, J. Titze, B. Ulrich, K. Kreidi, N. Neumann, T. Havermeier, M. Schöffler, T. Jahnke, A. Czasch, L. Schmidt, A. Kanigel, J. C. Campuzano, H. Jeschke, R. Valenti, A. Müller, G. Berner, M. Sing, R. Claessen, H. Schmidt-Böcking, and R. Dörner
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