# Thomas Weinacht

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2080710/publications.pdf

Version: 2024-02-01

| 34 | 576 | 687363 13 | 642732 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 700 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 3D velocity map imaging of electrons with TPX3CAM. Review of Scientific Instruments, 2022, 93, 013003. | 1.3 | 10 |
| 2 | Multichannel photodissociation dynamics in CS<sub>2</sub> studied by ultrafast electron diffraction. Physical Chemistry Chemical Physics, 2022, 24, 15416-15427. | 2.8 | 9 |
| 3 | A simple approach for characterizing the spatially varying sensitivity of microchannel plate detectors. Review of Scientific Instruments, 2022, 93, . | 1.3 | 1 |
| 4 | Effect of dynamic correlation on the ultrafast relaxation of uracil in the gas phase. Faraday Discussions, 2021, 228, 266-285. | 3.2 | 15 |
| 5 | Competition between dynamic resonance and internal conversion in strong-field molecular ionization with chirped ultrafast laser pulses. Physical Review A, 2021, 103, . | 2.5 | 8 |
| 6 | Time Resolved Photoelectron Spectroscopy as a Test of Electronic Structure and Nonadiabatic Dynamics. Journal of Physical Chemistry Letters, 2021, 12, 5099-5104. | 4.6 | 13 |
| 7 | Femtosecond molecular dynamics viewed by multi-model imaging. , 2021, , . | | 0 |
| 8 | Coherent Control of Internal Conversion in Strong-Field Molecular Ionization. Physical Review Letters, 2020, 125, 053202. | 7.8 | 10 |
| 9 | Excited state dynamics of cis,cis-1,3-cyclooctadiene: UV pump VUV probe time-resolved photoelectron spectroscopy. Journal of Chemical Physics, 2020, 153, 074301. | 3.0 | 8 |
| 10 | Excited-state dynamics of CH2I2 and CH2IBr studied with UV-pump VUV-probe momentum-resolved photoion spectroscopy. Journal of Chemical Physics, 2020, 153, 184304. | 3.0 | 9 |
| 11 | Angle-dependent strong-field ionization and fragmentation of carbon dioxide measured using rotational wave packets. Physical Review A, 2020, 102, . | 2.5 | 16 |
| 12 | Excited state dynamics of cis,cis-1,3-cyclooctadiene: Non-adiabatic trajectory surface hopping. Journal of Chemical Physics, 2020, 152, 174302. | 3.0 | 9 |
| 13 | Simultaneous observation of nuclear and electronic dynamics by ultrafast electron diffraction. Science, 2020, 368, 885-889. | 12.6 | 92 |
| 14 | Spectroscopic and Structural Probing of Excited-State Molecular Dynamics with Time-Resolved Photoelectron Spectroscopy and Ultrafast Electron Diffraction. Physical Review X, 2020, 10, . | 8.9 | 11 |
| 15 | Adiabatic elimination in strong-field light-matter coupling. Physical Review A, 2020, 102, . | 2.5 | 11 |
| 16 | Excited state dynamics of CH2I2 and CH2BrI studied with UV pump VUV probe photoelectron spectroscopy. Journal of Chemical Physics, 2019, 150, 174201. | 3.0 | 23 |
| 17 | Quadruple coincidence measurement of electron correlation in strong-field molecular double ionization. Physical Review A, 2018, 97, . | 2.5 | 2 |
| 18 | Strong-field- versus weak-field-ionization pump-probe spectroscopy. Physical Review A, 2018, 98, . | 2.5 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Real-time adjustable, 11 Î¼s FWHM, >5 kHz, piezo electric pulsed atomic beam source. Review of Scientific Instruments, 2018, 89, 103115. | 1.3 | 1 |
| 20 | Ultrafast internal conversion dynamics of highly excited pyrrole studied with VUV/UV pump probe spectroscopy. Journal of Chemical Physics, 2017, 146, 064306. | 3.0 | 9 |
| 21 | Ionic dynamics underlying strong-field dissociative molecular ionization. Physical Review A, 2017, 96, . | 2.5 | 3 |
| 22 | Vibrationally assisted below-threshold ionization. Physical Review A, 2017, 95, . | 2.5 | 7 |
| 23 | Time-resolved measurement of internal conversion dynamics in strong-field molecular ionization. Physical Review A, 2017, 96, . | 2.5 | 9 |
| 24 | Coincidence velocity map imaging using a single detector. Journal of Chemical Physics, 2017, 147, 013922. | 3.0 | 20 |
| 25 | Coincidence velocity map imaging using Tpx3Cam, a time stamping optical camera with 1.5 ns timing resolution. Review of Scientific Instruments, 2017, 88, 113104. | 1.3 | 72 |
| 26 | Nonadiabatic dynamics and multiphoton resonances in strong-field molecular ionization with few-cycle laser pulses. Physical Review A, 2016, 93, . | 2.5 | 22 |
| 27 | Strong Field Molecular Ionization in the Impulsive Limit: Freezing Vibrations with Short Pulses. Physical Review Letters, 2016, 116, 063002. | 7.8 | 32 |
| 28 | Molecular Double Ionization Using Strong Field Few-Cycle Laser Pulses. Journal of Physical Chemistry A, 2016, 120, 3233-3240. | 2.5 | 8 |
| 29 | Field-dressed orbitals in strong-field molecular ionization. Physical Review A, 2015, 92, . | 2.5 | 7 |
| 30 | Angleâ€Resolved Strongâ€Field Ionization of Polyatomic Molecules: More than the Orbitals Matters. ChemPhysChem, 2013, 14, 1451-1455. | 2.1 | 12 |
| 31 | Three-in-one microscopy. Nature Photonics, 2012, 6, 78-80. | 31.4 | 4 |
| 32 | Creation of multihole molecular wave packets via strong-field ionization. Physical Review A, 2010, 82, . | 2.5 | 24 |
| 33 | Closed-loop learning control of isomerization using shaped ultrafast laser pulses in the deep ultraviolet. Journal of Chemical Physics, 2009, 130, 134311. | 3.0 | 58 |
| 34 | Wave packet driven dissociation and concerted elimination in CH2I2. Journal of Chemical Physics, 2007, 127, 204305. | 3.0 | 25 |