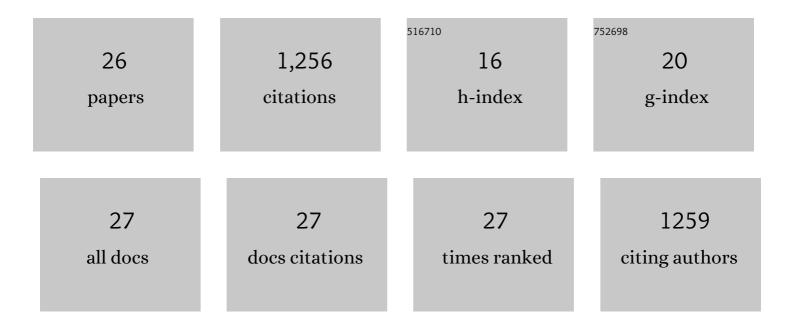
Jochen Maurer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	lonization in intense laser fields beyond the electric dipole approximation: concepts, methods, achievements and future directions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 094001.	1.5	25
2	Holographic interferences in strong-field ionization beyond the dipole approximation: The influence of the peak and focal-volume-averaged laser intensities. Physical Review A, 2019, 100, .	2.5	19
3	Sub-cycle time resolution of multi-photon momentum transfer in strong-field ionization. Nature Communications, 2019, 10, 5548.	12.8	40
4	Interplay between Coulomb-focusing and non-dipole effects in strong-field ionization with elliptical polarization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 114001.	1.5	32
5	Probing the ionization wave packet and recollision dynamics with an elliptically polarized strong laser field in the nondipole regime. Physical Review A, 2018, 97, .	2.5	55
6	Sub-cycle resolution of field-momentum transfer in non-dipole strong-field ionization. , 2017, , .		0
7	Velocity map imaging with non-uniform detection: Quantitative molecular axis alignment measurements via Coulomb explosion imaging. Review of Scientific Instruments, 2015, 86, 073101.	1.3	9
8	Strong-field ionization of three-dimensionally aligned naphthalene molecules: orbital modification and imprints of orbital nodal planes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 245601.	1.5	11
9	Observation of low-energy electrons in the photoelectron energy distribution from strong-field ionization of naphthalene by circularly polarized pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 121001.	1.5	5
10	Toward atomic resolution diffractive imaging of isolated molecules with X-ray free-electron lasers. Faraday Discussions, 2014, 171, 393-418.	3.2	29
11	Studying Momentum Distributions in all Aspects Reveals Important Insight. , 2014, , .		0
12	Ultrafast resolution of tunneling delay time. Optica, 2014, 1, 343.	9.3	234
13	Breakdown of the Dipole Approximation in Strong-Field Ionization. Physical Review Letters, 2014, 113, 243001.	7.8	152
14	Imaging molecular structure through femtosecond photoelectron diffraction on aligned and oriented gas-phase molecules. Faraday Discussions, 2014, 171, 57-80.	3.2	55
15	Low-Energy Photoelectrons in Strong-Field Ionization by Laser Pulses with Large Ellipticity. Physical Review Letters, 2014, 113, 103005.	7.8	41
16	X-Ray Diffraction from Isolated and Strongly Aligned Gas-Phase Molecules with a Free-Electron Laser. Physical Review Letters, 2014, 112, .	7.8	217
17	Exploring characteristics of strong-field ionization dynamics in the mid-infrared regime. , 2014, , .		0

Breakdown of dipole approximation in strong field ionization. , 2014, , .

JOCHEN MAURER

#	Article	IF	CITATIONS
19	Probing Nonadiabatic Effects in Strong-Field Tunnel Ionization. Physical Review Letters, 2013, 111, 103003.	7.8	126
20	Transferring the attoclock technique to velocity map imaging. Optics Express, 2013, 21, 21981.	3.4	22
21	Tunneling time in Ultrafast science is real and probabilistic. , 2013, , .		0
22	Molecular-Frame 3D Photoelectron Momentum Distributions by Tomographic Reconstruction. Physical Review Letters, 2012, 109, 123001.	7.8	59
23	Cross sections for rotational decoherence of perturbed nitrogen measured via decay of laser-induced alignment. Journal of Chemical Physics, 2010, 133, 044311.	3.0	44
24	Enhanced laser-induced alignment and orientation of molecules using quantum-state-selection. , 2009, , .		0
25	Conformer separation of 3-aminophenol using an electrostatic deflector. , 2009, , .		0
26	Pure Samples of Individual Conformers: The Separation of Stereoisomers of Complex Molecules Using Electric Fields. Angewandte Chemie - International Edition, 2009, 48, 6900-6902.	13.8	73