

Atienne PlÃ©siat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8486264/publications.pdf>

Version: 2024-02-01

30
papers

541
citations

759233

12
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of Young's double-slit interferences in vibrationally resolved photoionization of diatomic molecules. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7302-7306.	7.1	108
2	Investigating two-photon double ionization of D_2 by XUV-pump XUV-probe experiments. Physical Review A, 2010, 81, .	2.5	65
3	Attosecond timing of electron emission from a molecular shape resonance. Science Advances, 2020, 6, eaba7762.	10.3	57
4	Double-slit experiment with a polyatomic molecule: vibrationally resolved C 1s photoelectron spectra of acetylene. New Journal of Physics, 2012, 14, 033012.	2.9	40
5	Intramolecular photoelectron diffraction in the gas phase. Journal of Chemical Physics, 2013, 139, 124306.	3.0	39
6	Intramolecular electron diffraction in vibrationally resolved K -shell photoionization of methane. Physical Review A, 2012, 85, .	2.5	37
7	Effects of molecular potential and geometry on atomic core-level photoemission over an extended energy range: The case study of the CO molecule. Physical Review A, 2013, 88, .	2.5	36
8	Attosecond photoionisation time delays reveal the anisotropy of the molecular potential in the recoil frame. Nature Communications, 2022, 13, 1242.	12.8	28
9	Vibrational branching ratios in the photoelectron spectra of N ₂ and CO: interference and diffraction effects. Physical Chemistry Chemical Physics, 2012, 14, 10853.	2.8	27
10	Relationship between polarization-averaged molecular-frame photoelectron angular distributions and geometry. Physical Review A, 2013, 88, .	2.5	22
11	Real-time Imaging of Ultrafast Charge Dynamics in Tetrafluoromethane from Attosecond Pump-Probe Photoelectron Spectroscopy. Chemistry - A European Journal, 2018, 24, 12061-12070.	3.3	16
12	Vibrationally resolved photoelectron angular distributions from randomly oriented and fixed-in-space N ₂ and CO molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 194008.	1.5	15
13	Vibrationally Resolved B 1s Photoionization Cross Section of BF ₃ . Journal of Physical Chemistry A, 2015, 119, 5971-5978.	2.5	12
14	Vibrationally resolved C 1s photoionization cross section of CF ₄ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 124032.	1.5	11
15	Imaging of the umbrella motion and tunneling in ammonia molecules by strong-field ionization. Physical Review A, 2016, 94, .	2.5	10
16	Resonant Photoelectron Confinement in the SF ₆ Molecule. Journal of Physical Chemistry A, 2019, 123, 1062-1068.	2.5	5
17	Molecular frame photoelectron angular distributions for H ₂ ionization by single and trains of attosecond XUV laser pulses. International Journal of Quantum Chemistry, 2010, 110, 2462-2471.	2.0	4
18	Photoelectron diffraction in methane probed via vibrationally resolved inner-valence photoionization cross-section ratios. Physical Chemistry Chemical Physics, 2016, 18, 3214-3222.	2.8	4

#	ARTICLE	IF	CITATIONS
19	Vibrationally resolved K-shell photoionization cross sections of methane. Open Physics, 2013, 11, .	1.7	2
20	Effects of molecular potential and geometry on atomic core-level photoemission over an extended energy range - the case study of CO molecule. Journal of Physics: Conference Series, 2014, 488, 022040.	0.4	2
21	Attosecond Interferometry Using a HHG-2ππ Scheme. Studia Universitatis Babeș-Bolyai Physica, 2020, 65, 35-47.	0.0	1
22	Sequential and direct two-photon double ionization of D ₂ at FLASH. Journal of Physics: Conference Series, 2009, 194, 032057.	0.4	0
23	Theoretical evaluation of the C 1s photoelectron spectrum of methane beyond the fixed-nuclei approximation. Journal of Physics: Conference Series, 2009, 194, 022077.	0.4	0
24	Sequential versus nonsequential two-photon double ionization of the D ₂ molecule at 38 eV. Journal of Physics: Conference Series, 2009, 194, 022069.	0.4	0
25	High-energy non-Franck-Condon vibrational excitation of CH ₄ by intramolecular photoelectron diffraction. Journal of Physics: Conference Series, 2012, 388, 022058.	0.4	0
26	Theoretical study of the vibrationally resolved photoionization cross section for the valence shells of N ₂ and CO. Journal of Physics: Conference Series, 2012, 388, 022033.	0.4	0
27	Vibrationally resolved molecular frame photoelectron angular distributions of diatomic and polyatomic molecules. Journal of Physics: Conference Series, 2014, 488, 022022.	0.4	0
28	The role of intramolecular scattering in K-shell photoionization. Journal of Physics: Conference Series, 2014, 488, 022023.	0.4	0
29	Dynamical effects in the vibrationally resolved C 2s ⁻¹ photoionization cross section ratios of Methane. Journal of Physics: Conference Series, 2015, 635, 112048.	0.4	0
30	Vibrationally resolved B 1s photoionization cross section of BF ₃ . Journal of Physics: Conference Series, 2015, 635, 112134.	0.4	0