

Atienne PlÃ©siat

List of Publications by Year in descending order

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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	Attosecond photoionisation time delays reveal the anisotropy of the molecular potential in the recoil frame. <i>Nature Communications</i> , 2022, 13, 1242.	12.8	28
2	Attosecond timing of electron emission from a molecular shape resonance. <i>Science Advances</i> , 2020, 6, eaba7762.	10.3	57
3	Attosecond Interferometry Using a HHG-2 π Scheme. <i>Studia Universitatis Babeş-Bolyai Physica</i> , 2020, 65, 35-47.	0.0	1
4	Resonant Photoelectron Confinement in the SF ₆ Molecule. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1062-1068.	2.5	5
5	Real-time Imaging of Ultrafast Charge Dynamics in Tetrafluoromethane from Attosecond Pump-Probe Photoelectron Spectroscopy. <i>Chemistry - A European Journal</i> , 2018, 24, 12061-12070.	3.3	16
6	Imaging of the umbrella motion and tunneling in ammonia molecules by strong-field ionization. <i>Physical Review A</i> , 2016, 94, .	2.5	10
7	Photoelectron diffraction in methane probed via vibrationally resolved inner-valence photoionization cross-section ratios. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3214-3222.	2.8	4
8	Dynamical effects in the vibrationally resolved C 2s ⁻¹ photoionization cross section ratios of Methane. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112048.	0.4	0
9	Vibrationally resolved B 1s photoionization cross section of BF ₃ . <i>Journal of Physics: Conference Series</i> , 2015, 635, 112134.	0.4	0
10	Vibrationally Resolved B 1s Photoionization Cross Section of BF ₃ . <i>Journal of Physical Chemistry A</i> , 2015, 119, 5971-5978.	2.5	12
11	Vibrationally resolved C 1s photoionization cross section of CF ₄ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 124032.	1.5	11
12	Effects of molecular potential and geometry on atomic core-level photoemission over an extended energy range - the case study of CO molecule. <i>Journal of Physics: Conference Series</i> , 2014, 488, 022040.	0.4	2
13	Vibrationally resolved molecular frame photoelectron angular distributions of diatomic and polyatomic molecules. <i>Journal of Physics: Conference Series</i> , 2014, 488, 022022.	0.4	0
14	The role of intramolecular scattering in K-shell photoionization. <i>Journal of Physics: Conference Series</i> , 2014, 488, 022023.	0.4	0
15	Vibrationally resolved K-shell photoionization cross sections of methane. <i>Open Physics</i> , 2013, 11, .	1.7	2
16	Intramolecular photoelectron diffraction in the gas phase. <i>Journal of Chemical Physics</i> , 2013, 139, 124306.	3.0	39
17	Relationship between polarization-averaged molecular-frame photoelectron angular distributions and geometry. <i>Physical Review A</i> , 2013, 88, .	2.5	22
18	Effects of molecular potential and geometry on atomic core-level photoemission over an extended energy range: The case study of the CO molecule. <i>Physical Review A</i> , 2013, 88, .	2.5	36

#	ARTICLE	IF	CITATIONS
19	Vibrationally resolved photoelectron angular distributions from randomly oriented and fixed-in-space N_2 and CO molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 194008.	1.5	15
20	Double-slit experiment with a polyatomic molecule: vibrationally resolved C 1s photoelectron spectra of acetylene. <i>New Journal of Physics</i> , 2012, 14, 033012.	2.9	40
21	Intramolecular electron diffraction in vibrationally resolved K -shell photoionization of methane. <i>Physical Review A</i> , 2012, 85, ...	2.5	37
22	High-energy non-Franck-Condon vibrational excitation of CH_4 by intramolecular photoelectron diffraction. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022058.	0.4	0
23	Theoretical study of the vibrationally resolved photoionization cross section for the valence shells of N_2 and CO. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022033.	0.4	0
24	Vibrational branching ratios in the photoelectron spectra of N_2 and CO: interference and diffraction effects. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10853.	2.8	27
25	Direct observation of Young's double-slit interferences in vibrationally resolved photoionization of diatomic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7302-7306.	7.1	108
26	Molecular frame photoelectron angular distributions for H_2 ionization by single and trains of attosecond XUV laser pulses. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2462-2471.	2.0	4
27	Investigating two-photon double ionization of D_2 by XUV-pump XUV-probe experiments. <i>Physical Review A</i> , 2010, 81, ...	2.5	65
28	Sequential and direct two-photon double ionization of D_2 at FLASH. <i>Journal of Physics: Conference Series</i> , 2009, 194, 032057.	0.4	0
29	Theoretical evaluation of the C 1s photoelectron spectrum of methane beyond the fixed-nuclei approximation. <i>Journal of Physics: Conference Series</i> , 2009, 194, 022077.	0.4	0
30	Sequential versus nonsequential two-photon double ionization of the D_2 molecule at 38 eV. <i>Journal of Physics: Conference Series</i> , 2009, 194, 022069.	0.4	0