Matthieu GÃ©nÃ©vriez

List of Publications by Year
in descending order

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22	141	1163117	1281871
papers	citations	8	11
		h-index	g-index

22	22	22	115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Animated-beam measurement of the photodetachment cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi mathvariant="normal">H</mml:mi><mml:mo>â^'</mml:mo></mml:msup></mml:math>. Physical Review A, 2015, 91, .	2.5	22
2	PFI-ZEKE photoelectron spectroscopy of positively charged ions: illustration with Mg+. International Journal of Mass Spectrometry, 2019, 435, 209-216.	1.5	12
3	Autoionization rates of core-excited magnesium Rydberg atoms in electric fields using the core fluorescence as a reference. Physical Review A, 2019, 100, .	2.5	11
4	Complete characterization of the 3p Rydberg complex of a molecular ion: MgAr+. I. Observation of the Mg(3pÏƒ)Ar+ B+ state and determination of its structure and dynamics. Journal of Chemical Physics, 2020, 153, 074310.	3.0	11
5	Absolute total, partial, and differential cross sections for photodetachment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mo>â^'</mml:mo></mml:msup></mml:math>. Physical Review A, 2018, 98, .	2.5	10
6	Experimental and theoretical study of core-excited<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>p</mml:mi><mml:mi>[illegible]</mml:mi> series of Mg. Physical Review A, 2019, 100, .	2.5	10
7	Determination of the Interaction Potential and Rovibrational Structure of the Ground Electronic State of MgAr⁺ Using PFI-ZEKE Photoelectron Spectroscopy. Journal of Physical Chemistry A, 2020, 124, 379-385.	2.5	9
8	Complete characterization of the 3<i>p</i> Rydberg complex of a molecular ion: MgAr+. II. Global analysis of the A+ 2Î and B+ 2Î£+ (3pÏƒ,Ï€) states. Journal of Chemical Physics, 2020, 153, 074311.	3.0	9
9	Absolute cross section for electron-impact ionization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>He</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mn>1</mml:m Review A, 2017, 96, .	2.5	8
10	High-resolution spectroscopy of the transition of MgAr+ by isolated-core multiphoton Rydberg dissociation. Molecular Physics, 2020, 118, e1703051.	1.7	8
11	Spectroscopic characterization of a thermodynamically stable doubly charged diatomic molecule: MgAr²⁺. Physical Chemistry Chemical Physics, 2021, 23, 10978-10987.	2.8	8
12	One- and two-photon detachment ofOâ^'. Physical Review A, 2016, 94, .	2.5	4
13	Theoretical approaches for doubly-excited Rydberg states in quasi-two-electron systems: two-electron dynamics far away from the nucleus. Molecular Physics, 2021, 119, e1861353.	1.7	4
14	Characterization of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi><mml:mi>Î´</mml:mi> Rydberg state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>MgAr</mml:mi></mml:mrow><mml:mo>+</ using a quantum-control optical scheme. Physical Review A, 2021, 104, .	2.5	4
15	Absolute total cross sections for electron-impact double ionization of He(1s2s3S) and Heâ^'(1s2s2p4P). European Physical Journal D, 2019, 73, 1.	1.3	3
16	Structure and electron dynamics of planetary states of Sr below the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mo>+</mm and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>8</mml:mn><mml:mi>p</mml:mi></mml:mrow></mml:r threshold. Physical Review A, 2021, 104, .	2.5	3
17	Experimental and theoretical study of three-photon ionization of He(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 117 Td (Physical Review A, 2014, 89, .	2.5	2
18	Charge-Transfer-Induced Predissociation in Rydberg States of Molecular Cations: MgAr+. Journal of Physical Chemistry A, 2021, 125, 6681-6696.	2.5	2

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19	Animated-crossed-beam measurement of the photodetachment cross section of H^{â^'}. Journal of Physics: Conference Series, 2015, 635, 092031.	0.4	1
20	Two-photon detachment of O^{â^'}: theory and experiment. Journal of Physics: Conference Series, 2015, 635, 092033.	0.4	0
21	Sequential double photodetachment of Heâ^' in elliptically polarized laser fields. Physical Review A, 2018, 97, .	2.5	0
22	Characterization of the electronic ground state of Mg<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1775" altimg="si54.svg"><mml:msubsup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msubsup></mml:math> by PFI-ZEKE photoelectron spectroscopy. Journal of Molecular Spectroscopy, 2022, 385, 111591.	1.2	0