Kirstin D Doney

List of Publications by Year
in descending order

12	168	1684188 5	1199594 12
papers	citations	h-index	g-index

12	12	12	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LABORATORY GAS-PHASE DETECTION OF THE CYCLOPROPENYL CATION (c-C ₃ H ₃) Tj ETQq1 1 0.784314	8.3	100
2	Theoretical investigation of the infrared spectrum of small polyynes. Physical Chemistry Chemical Physics, 2018, 20, 5501-5508.	2.8	21
3	High-resolution infrared spectra of vibrationally excited HC4H in a supersonic hydrocarbon plasma jet. Journal of Molecular Spectroscopy, 2014, 296, 1-8.	1.2	15
4	Stretching our understanding of C3: Experimental and theoretical spectroscopy of highly excited nÎ½1 + mÎ½3 states (nâ€ â‰ˆ 7 and mâ€ â‰ˆ 3). Journal of Chemical Physics, 2018, 149, 014302.	3.0	6
5	High-resolution infrared spectroscopy of jet cooled CH2Br radicals: The symmetric CH stretch manifold and absence of nuclear spin cooling. Journal of Chemical Physics, 2020, 152, 134305.	3.0	6
6	High-resolution infrared spectrum of triacetylene: The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> state revisited and new vibrational states. Journal of Molecular Spectroscopy, 2015, 316, 54-63.	1.2	5
7	The high-resolution infrared spectrum of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> combination band of jet-cooled propyne. Chemical Physics Letters, 2017, 684, 351-356.	2.6	5
8	High-Resolution Infrared Spectra of the Î½1 Fundamental Bands of Mono-Substituted 13C Propyne Isotopologues. Journal of Physical Chemistry A, 2018, 122, 582-589.	2.5	3
9	High-resolution infrared spectroscopy of HCF in the CH stretch region. Journal of Chemical Physics, 2020, 152, 014305.	3.0	2
10	A new model of monodeuterated ethane (C2H5D) spectrum: Enabling sensitive constraints on the D/H in ethane emission in comets. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 255, 107225.	2.3	2
11	olution laser spectroscopy of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si134.svg"><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">A</mml:mi></mml:mrow><mml:mrow><mml:mo>Ì</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si135.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi>	1.2	2
12	Formation and detection of metastable formic acid in a supersonic expansion: High resolution infrared spectroscopy of the jet-cooled cis-HCOOH conformer. Journal of Chemical Physics, 2022, 156, .	3.0	1