Tore H Johansen

List of Publications by Year
in descending order

12	53	1937685 4	1720034 7
papers	citations	h-index	g-index

12	12	12	13
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	1,2-Diiododisilane and 1,1,2,2-tetraiododisilane: a reinvestigation of the molecular structures and vibrational properties by gas-phase electron diffraction, temperature dependent Raman spectroscopy, and ab initio molecular orbital- and density functional calculations. Journal of Molecular Structure, 2001, 598, 171-195.	3.6	10
2	1,1,1,3,3,3-Hexabromotrisilane: structure and conformation determined by gas-phase electron diffraction, ab initio molecular orbital and molecular mechanics calculations, and vibrational spectroscopy. Journal of Molecular Structure, 1995, 372, 161-172.	3.6	8
3	Perchlorovinylsilane (Cl2CCClâ˜SiCl3):Â Conformational Structure, Vibrational Analysis, and Torsional Potential Determined by Gas-Phase Electron Diffraction, ab Initio Calculations, and Variable Temperature Raman Spectroscopy. Journal of Physical Chemistry A, 1997, 101, 9641-9649.	2.5	7
4	N,N-Dimethylthioformamide and N,N-Dimethylthiocarbamoyl Chloride:â€‰ Molecular Structure by Gas-Phase Electron Diffraction and ab Initio Molecular Orbital and Density Functional Theory Calculations. Journal of Physical Chemistry A, 2003, 107, 4697-4706.	2.5	6
5	1,1,2,2-tetrachlorodisilane (Cl 2 HSiâ€“SiHCl 2): molecular structure, conformation and torsional potential as determined by gas-phase electron diffraction, vibrational spectroscopic data and ab initio molecular orbital calculations. Journal of Molecular Structure, 1999, 485-486, 121-133.	3.6	5
6	1,2-Dibromoethyl-trichlorosilane (CH2BrCHBrSiCl3): conformational structure and vibrational properties by gas-phase electron diffraction, infrared and Raman spectroscopy, and ab initio molecular orbital and density functional theory calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 1307-1319.	3.9	5
7	Chloromethyldichloromethylsilane and chloromethyldimethylchlorosilane: structure, conformational composition and torsional potential determined by gas-phase electron diffraction and ab initio molecular orbital calculations. Journal of Molecular Structure, 1996, 384, 215-231.	3.6	4
8	Molecular conformational structures of 2-fluorobenzoyl chloride, 2-chlorobenzoyl chloride, and 2-bromobenzoyl chloride by gas electron diffraction and normal coordinate analysis aided by quantum chemical calculations. Structural Chemistry, 2013, 24, 789-805.	2.0	3
9	1,1,1,3,3,3-Hexabromotrisilane: structure and conformation determined by gas-phase electron diffraction, ab initio molecular orbital and molecular mechanics calculations, and vibrational spectroscopy. Computational and Theoretical Chemistry, 1995, 372, 161-172.	1.5	2
10	Hexachloroacetone (Cl 3 Câ€“C(O)â€“CCl 3): conformational structure, and the matter of C 2 equilibrium symmetry, reinvestigated by gas-phase electron diffraction and ab initio molecular orbital calculations. Journal of Molecular Structure, 2001, 567-568, 113-126.	3.6	2
11	Conformational Structure of Gaseous 3-Chloropropanoyl Chloride by Electron Diffraction, Normal Coordinate Analysis, and ab Initio Molecular Orbital, and Density Functional Theory Calculations. Journal of Physical Chemistry A, 2006, 110, 11136-11144.	2.5	1
12	Symmetrically substituted silanes: (XH2C)2SiH2, (XH2C)2SiX2, (X2HC)2SiH2 and (X2HC)2SiX2 with X = F, Cl or Br. Conformational energies, structures and torsional force constants obtained by molecular-mechanics calculations. Computational and Theoretical Chemistry, 1995, 372, 275-284.	1.5	0