

Tore H Johansen

List of Publications by Year in descending order

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12
papers

53
citations

1937685

4
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

13
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Structural Chemistry</i> , 2013, 24, 789-805.	2.0	3
2	Conformational Structure of Gaseous 3-Chloropropanoyl Chloride by Electron Diffraction, Normal Coordinate Analysis, and ab Initio Molecular Orbital, and Density Functional Theory Calculations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 11136-11144.	2.5	1
3	1,2-Dibromoethyl-trichlorosilane (CH ₂ BrCHBrSiCl ₃): conformational structure and vibrational properties by gas-phase electron diffraction, infrared and Raman spectroscopy, and ab initio molecular orbital and density functional theory calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1307-1319.	3.9	5
4	N,N-Dimethylthioformamide and N,N-Dimethylthiocarbamoyl Chloride: Molecular Structure by Gas-Phase Electron Diffraction and ab Initio Molecular Orbital and Density Functional Theory Calculations. <i>Journal of Physical Chemistry A</i> , 2003, 107, 4697-4706.	2.5	6
5	Hexachloroacetone (Cl ₃ C(=O)CCl ₃): conformational structure, and the matter of C ₂ equilibrium symmetry, reinvestigated by gas-phase electron diffraction and ab initio molecular orbital calculations. <i>Journal of Molecular Structure</i> , 2001, 567-568, 113-126.	3.6	2
6	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. <i>Journal of Molecular Structure</i> , 2001, 598, 171-195.	3.6	10
7	1,1,2,2-tetrachlorodisilane (Cl ₂ HSiCl ₂ SiHCl ₂): molecular structure, conformation and torsional potential as determined by gas-phase electron diffraction, vibrational spectroscopic data and ab initio molecular orbital calculations. <i>Journal of Molecular Structure</i> , 1999, 485-486, 121-133.	3.6	5
8	Perchlorovinylsilane (Cl ₂ CCClSiCl ₃): Conformational Structure, Vibrational Analysis, and Torsional Potential Determined by Gas-Phase Electron Diffraction, ab Initio Calculations, and Variable Temperature Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1997, 101, 9641-9649.	2.5	7
9	Chloromethyldichloromethylsilane and chloromethyldimethylchlorosilane: structure, conformational composition and torsional potential determined by gas-phase electron diffraction and ab initio molecular orbital calculations. <i>Journal of Molecular Structure</i> , 1996, 384, 215-231.	3.6	4
10	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. <i>Computational and Theoretical Chemistry</i> , 1995, 372, 161-172.	1.5	2
11	Symmetrically substituted silanes: (XH ₂ C) ₂ SiH ₂ , (XH ₂ C) ₂ SiX ₂ , (X ₂ HC) ₂ SiH ₂ and (X ₂ HC) ₂ SiX ₂ with X = F, Cl or Br. Conformational energies, structures and torsional force constants obtained by molecular-mechanics calculations. <i>Computational and Theoretical Chemistry</i> , 1995, 372, 275-284.	1.5	0
12	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. <i>Journal of Molecular Structure</i> , 1995, 372, 161-172.	3.6	8