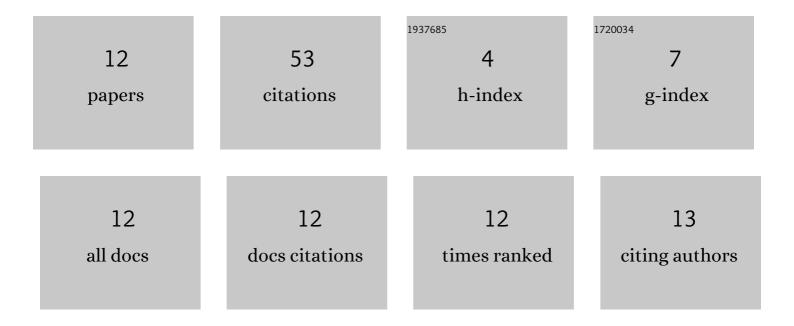
Tore H Johansen

List of Publications by Year in descending order

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| # | 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:  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 HSi–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 C–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. 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 |