DESCRIPTION

The *Journal of Molecular Structure* is dedicated to the publication of full-length articles and review papers, providing important new structural information on all types of chemical species including:

- Stable and unstable *molecules* in all types of environments (vapour, molecular beam, liquid, solution, liquid crystal, solid state, matrix-isolated, surface-absorbed etc.)
- *Chemical intermediates*
- Molecules in *excited states*
- *Biological molecules*
- *Polymers.*

The methods used may include any combination of spectroscopic and non-spectroscopic techniques, for example:

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- Raman spectroscopy and non-linear Raman methods (CARS, etc.)
- Electronic absorption spectroscopy
- Optical rotatory dispersion and circular dichroism
- Fluorescence and phosphorescence techniques
- Electron spectroscopies (PES, XPS), EXAFS, etc.
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We encourage publications combining theoretical and experimental approaches. The *structural insights gained by the studies should be correlated with the properties, activity and/or reactivity of the molecule under investigation and the relevance of this molecule and its implications should be discussed.*

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AUDIENCE

Chemical Physicists, Chemists, and Biochemists, concerned with Molecular Structure and Dynamics.

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INTRODUCTION
The Journal of Molecular Structure is dedicated to the publication of full-length articles and review papers, providing important new structural information on all types of chemical species including:

• stable and unstable molecules in all types of environments (vapour, molecular beam, liquid, solution, liquid crystal, solid state, matrix-isolated, surface-absorbed etc.)
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• molecules in excited states
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The methods used may include any combination of spectroscopic and non-spectroscopic techniques, for example:

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• fluorescence and phosphorescence techniques
• electron spectroscopies (PES, XPS), EXAFS, etc.
• microwave spectroscopy
• electron diffraction
• NMR and ESR spectroscopies
• Mössbauer spectroscopy
• X-ray crystallography.

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