# Description

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- Light microscopy including confocal microscopy
- All types of electron microscopy
- X-ray diffraction
• Nuclear magnetic resonance
• Scanning force microscopy, scanning probe microscopy, and tunneling microscopy
• Digital image processing
• Computational insights into structure

The field covered by the journal extends from the structural organization of cells and tissues, their membranes, compartments, organelles and supramolecular assemblies, to the structure and conformation of proteins and nucleic acids from the molecular to the atomic level. !!! Important information for NIH authors !!!

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Cryo-electron microscopy, structure and function of macromolecular complexes, virus capsids

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Development, microscopy, imaging, x-ray tomography

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muscle thick filaments, myosin interacting-heads motif (IHM)

David A.D. Parry, Massey University, Palmerston North, New Zealand

Fibrous Proteins; muscle: collagen; intermediate filaments; structure; sequence analyses.

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Solid-state NMR, multidimensional NMR spectroscopy, computational, biochemical, and X-ray diffraction methods

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3D electron microscopy

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Cryo-electron microscopy, x-ray crystallography

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Electron microscopy, bio mineralization

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INTRODUCTION

The Journal of Structural Biology (J. Struct. Biol., JSB) publishes papers dealing with the structural analysis of biological matter at all levels of organization and the functional connotations of such observations. The field covered by the journal extends from individual macromolecules to cells and tissues with emphasis on the supramolecular (e.g. complexes and machines) and subcellular (e.g., membranes, compartments, cytoskeleton) levels of the structural hierarchy.

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1. Single author: the author's name (without initials, unless there is ambiguity) and the year of publication;
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3. Three or more authors: first author's name followed by 'et al.' and the year of publication.

Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

Examples: 'as demonstrated (Allan, 2000a, 2000b, 1999; Allan and Jones, 1999). Kramer et al. (2010) have recently shown ....'

List: References should be arranged first alphabetically and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters 'a', 'b', 'c', etc., placed after the year of publication.

Examples:
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Reference to a book:
Reference to a chapter in an edited book:


Journal abbreviations source

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