A Journey Through Water: A Scientific Exploration of The Most Anomalous Liquid on Earth


About the eBook

The monograph explores how its peculiar properties are related to its molecular structure. Readers are introduced to water through information about water in a wider perspective, properties of its liquid state, experimental techniques for molecular level investigations of liquid water, and computer simulation techniques.

Contents

- Water, The Centre of Life
- A Snapshot of Liquid State
- Experimental Tools for Microanalysis of Water
- The Fundamentals of Molecular Simulations
- Water Between Its Freezing and Boiling Points
- Supercooled & Glassy Water
- Ice, The Crystalline Phase of Water
- Water Above its Boiling Point
- A Brief Review of Water Anomalies
- A Journey Through Water - A Review

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