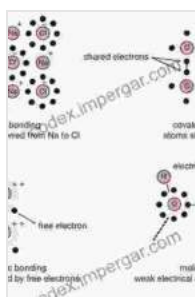


# 100 Years Old And Getting Stronger: Structure And Bonding 169 - A Century of Innovation and Resilience

In the tapestry of scientific literature, few publications have had the enduring impact and global reach of Structure and Bonding. For a century, this prestigious journal has been at the forefront of chemistry, shaping our understanding of molecular structure and chemical bonding.



## The Chemical Bond I: 100 Years Old and Getting Stronger (Structure and Bonding Book 169)

by Brigitte Bouillercé

★★★★☆ 4.3 out of 5

Language : English

File size : 6831 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 262 pages

Screen Reader : Supported



As Structure and Bonding marks its 100th anniversary, we embark on a journey through its rich history, exploring the groundbreaking research and enduring legacy that have made it an indispensable resource for generations of chemists.

## A Pioneering Beginning

The genesis of Structure and Bonding can be traced back to the early 20th century, a time of remarkable scientific progress and the dawn of quantum mechanics.

In 1922, the renowned chemist Linus Pauling published his seminal paper, "The Nature of the Chemical Bond," which laid the foundation for our modern understanding of molecular structure and bonding.

Inspired by Pauling's groundbreaking work, a group of visionary chemists, including Hermann Mark, Ludwig Ebert, and Clemens Schaefer, conceived the idea for a new journal dedicated to the burgeoning field of structural chemistry.

In 1923, Structure and Bonding was launched with Mark as its founding editor. The journal's mission was clear: to provide a platform for the publication of cutting-edge research on the structure and bonding of molecules, atoms, and crystals.

## **A Legacy of Innovation**

Throughout its 100-year history, Structure and Bonding has consistently published groundbreaking research that has pushed the boundaries of chemistry.

In the early years, the journal focused on fundamental aspects of molecular structure, including infrared and Raman spectroscopy, X-ray crystallography, and electron diffraction.

As the field of chemistry matured, Structure and Bonding expanded its scope to encompass a wide range of topics, including organometallic

chemistry, coordination chemistry, bioinorganic chemistry, and computational chemistry.

The journal has also been at the forefront of emerging technologies, such as nuclear magnetic resonance (NMR) spectroscopy, mass spectrometry, and molecular modeling.

## **A Global Impact**

Structure and Bonding has had a profound impact on the global chemistry community.

The journal's high-quality research articles have informed and inspired generations of chemists worldwide.

In addition, Structure and Bonding has played a vital role in the dissemination of chemical knowledge through its review articles, conference proceedings, and special issues.

The journal's global reach is reflected in its international editorial board and the diversity of its authors and readers.

## **An Enduring Legacy**

As Structure and Bonding celebrates its centennial, it stands as a testament to the enduring power of scientific research and collaboration.

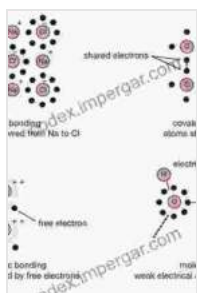
The journal's legacy is not only in the groundbreaking research it has published, but also in the impact it has had on the education and careers of countless chemists.

Structure and Bonding continues to be an essential resource for chemists across all disciplines, providing a platform for the dissemination of new knowledge and the exchange of ideas.

100 Years Old And Getting Stronger: Structure And Bonding 169 is a remarkable milestone for a journal that has shaped the field of chemistry for a century.

As we look to the future, Structure and Bonding is well-positioned to continue its legacy of innovation and resilience, inspiring new generations of chemists and driving the advancement of scientific knowledge.

Here's to the next 100 years of Structure and Bonding!



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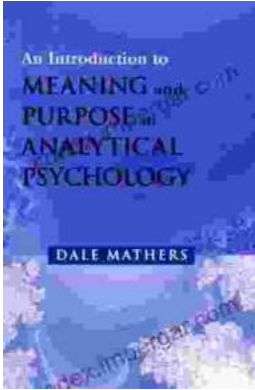
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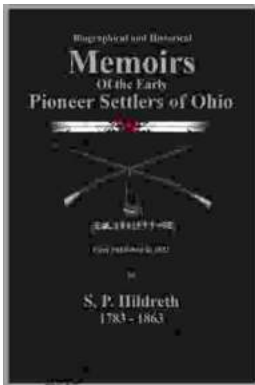
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