

Inorganic Chemistry A F Holleman Egon Wiberg

The Electro-chemist and Metallurgist
American Chemical Journal
The Chemical News and Journal of Industrial Science; with which is Incorporated the "Chemical Gazette."
The Britannica Year-book
1913
The Chemical News and Journal of Industrial Science
Science Journal of the American Chemical Society
Chemical News and Journal of Industrial Science
The Perfumery & Essential Oil Record
Year Book & Diary
The Journal of Physical Chemistry
Journal of the Society of Chemical Industry
Handbook on the Physics and Chemistry of Rare Earths
Electrochemical and Metallurgical Industry
Phosphors for Energy Saving and Conversion Technology
A Tale of Seven Elements
The Electro-chemist and Metallurgist and Metallurgical Review
Dictionary
Catalog of the National Agricultural Library, 1862-1965
The Nation
Electrochemical Industry
Nature
Holleman-Wiberg's Inorganic Chemistry
Inorganic Chemistry
A Text-book of Inorganic Chemistry
Chemical Abstracts
The Chemical Trade Journal and Chemical Engineer
A Text-book of Organic Chemistry
Annual Chemical Directory of the United States
The Chemical News and Journal of Industrial Science
Review of American Chemical Research
A Text-book of Organic Chemistry
The Merck Report
Educational Review
Writings and Addresses by Officers of the University of Colorado, 1877-1913
A Laboratory Manual of Organic Chemistry for Beginners
Chemical Bulletin
School Science
The Medico-legal Journal
The Chemical News and Journal of Physical Science
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Journal of Industrial and Engineering
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The Britannica Year-book 1913

**The Chemical News and Journal of
Industrial Science**

Science

Journal of the American Chemical Society

**Chemical News and Journal of Industrial
Science**

Inorganic Chemistry easily surpasses its competitors

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in sheer volume and depth of information. Readers are presented with summaries that ease exam preparation, an extensive index, numerous references for further study, six invaluable appendixes, and over 150 tables that provide important data on elements at a quick glance. Now in its 101st printing, Inorganic Chemistry provides an authoritative and comprehensive reference for graduate students, as well as chemists and scientists in fields related to chemistry such as physics, biology, geology, pharmacy, and medicine. Translated for the first time into English, Holleman and Wiberg's book is a bestseller in Germany, where every chemist knows and values it. Prior to this translation, there was no equivalent to Holleman and Wiberg's book in English.

The Perfumery & Essential Oil Record Year Book & Diary

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A Tale of Seven Elements

The Electro-chemist and Metallurgist and Metallurgical Review

In 1913, English physicist Henry Moseley established an elegant method for "counting" the elements based on atomic number, ranging them from hydrogen (#1) to uranium (#92). It soon became clear, however, that seven elements were mysteriously missing from the lineup--seven elements unknown to science. In his well researched and engaging narrative, Eric Scerri presents the intriguing stories of these seven elements--protactinium, hafnium, rhenium, technetium, francium, astatine and promethium. The book follows the historical order of discovery, roughly spanning the two world wars, beginning with the isolation of protactinium in 1917 and ending with that of promethium in 1945. For each element, Scerri traces the research that preceded the discovery, the pivotal experiments, the personalities of the chemists involved, the chemical nature of the new element, and its applications in science and technology. We learn for instance that alloys of hafnium--whose name derives from the Latin name for Copenhagen

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(hafnia)--have some of the highest boiling points on record and are used for the nozzles in rocket thrusters such as the Apollo Lunar Modules. Scerri also tells the personal tales of researchers overcoming great obstacles. We see how Lise Meitner and Otto Hahn--the pair who later proposed the theory of atomic fission--were struggling to isolate element 91 when World War I intervened, Hahn was drafted into the German army's poison gas unit, and Meitner was forced to press on alone against daunting odds. The book concludes by examining how and where the twenty-five new elements have taken their places in the periodic table in the last half century. A Tale of Seven Elements paints a fascinating picture of chemical research--the wrong turns, missed opportunities, bitterly disputed claims, serendipitous findings, accusations of dishonesty--all leading finally to the thrill of discovery.

Dictionary Catalog of the National Agricultural Library, 1862-1965

The Nation

Electrochemical Industry

Nature

This text deals with the advantages of rare earth activated phosphors for the development of solid

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state lighting technology and in enhancing the light conversion efficiency of Si solar cells. The book initiates with a short overview of the atomic and semiconductor theory followed by introduction to phosphor, its working mechanism, role of rare earth ions in the lighting and PV devices and host materials being used. Further, it introduces the applications of inorganic phosphor for the development of green energy and technology including advantages of UP/DC conversion phosphor layers in the enhancing the cell response of PV devices. Key Features: Focuses on discussion of phosphors for both solid state lighting and photovoltaics applications Provides introduction for practical applications including synthesis and characterization of phosphor materials Includes broad, in-depth introduction of semiconductors and related theory Enhances the basic understanding of optical properties for rare earth phosphors Covers up-conversion and down-conversion phosphor for energy harvesting applications

Holleman-Wiberg's Inorganic Chemistry

Includes list of members, 1882-1902 and proceedings of the annual meetings and various supplements.

Inorganic Chemistry

Includes section "New Books"

A Text-book of Inorganic Chemistry

Chemical Abstracts

The Chemical Trade Journal and Chemical Engineer

Handbook on the Physics and Chemistry of Rare Earths: Including Actinides is a continuous series of books covering all aspects of rare earth science, including chemistry, life sciences, materials science, and physics. The book's main emphasis is on rare earth elements [Sc, Y, and the lanthanides (La through Lu)], but whenever relevant, information is also included on the closely related actinide elements. Individual chapters are comprehensive, broad, up-to-date, critical reviews written by highly experienced, invited experts. The series, which was started in 1978 by Professor Karl A. Gschneidner Jr., combines, and integrates, both the fundamentals and applications of these elements with two published volumes each year. Presents up-to-date overviews and new developments in the field of rare earths, covering both their physics and chemistry Contains Individual chapters that are comprehensive and broad, with critical reviews Provides contributions from highly experienced, invited experts

A Text-book of Organic Chemistry

A weekly record of scientific progress.

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