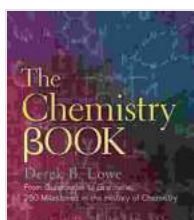


From Gunpowder to Graphene: 250 Milestones in the History of Chemistry by Sterling

Chemistry is the study of matter and its properties, as well as the changes that matter undergoes. It is a vast and complex field that has been studied for centuries. Over the course of history, chemists have made many important discoveries that have changed our understanding of the world around us. These discoveries have led to the development of new technologies and products that have improved our lives.

In this article, we will explore 250 of the most significant milestones in the history of chemistry. These milestones are arranged chronologically, from the discovery of gunpowder in the 9th century to the invention of graphene in the 21st century. Each milestone is briefly described, and a link is provided to more information.



The Chemistry Book: From Gunpowder to Graphene, 250 Milestones in the History of Chemistry (Sterling Milestones) by Chris Bonington

★★★★☆ 4.4 out of 5

Language : English
File size : 104745 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 530 pages



The Milestones

9th century: Discovery of gunpowder

Gunpowder is a mixture of sulfur, charcoal, and potassium nitrate. It is believed to have been discovered in China in the 9th century. Gunpowder was originally used in fireworks, but it was later adapted for use in weapons. The invention of gunpowder revolutionized warfare, and it played a major role in the development of firearms.

More information

12th century: Invention of the astrolabe

The astrolabe is an astronomical instrument that was invented in the 12th century. It is used to calculate the position of the sun, moon, and stars. The astrolabe was a major breakthrough in astronomy, and it played a key role in the development of navigation.

More information

16th century: Discovery of oxygen

Oxygen is a chemical element that is essential for life. It was discovered in the 16th century by the Swedish chemist Carl Wilhelm Scheele. Scheele's discovery of oxygen led to a greater understanding of combustion and respiration.

More information

17th century: Invention of the microscope

The microscope is a scientific instrument that is used to magnify small objects. It was invented in the 17th century by the Dutch scientist Antonie van Leeuwenhoek. Leeuwenhoek's microscope allowed him to observe bacteria and other microorganisms for the first time.

More information

18th century: Discovery of hydrogen

Hydrogen is a chemical element that is the lightest and most abundant element in the universe. It was discovered in the 18th century by the English chemist Henry Cavendish. Cavendish's discovery of hydrogen led to the development of the hydrogen balloon.

More information

19th century: Invention of the periodic table

The periodic table is a tabular arrangement of the chemical elements. It was invented in the 19th century by the Russian chemist Dmitri Mendeleev. The periodic table is a powerful tool that allows chemists to predict the properties of elements and to understand the relationships between them.

More information

20th century: Discovery of the electron

The electron is a subatomic particle that carries a negative charge. It was discovered in the 20th century by the English physicist J.J. Thomson. Thomson's discovery of the electron led to a greater understanding of the atom and the development of quantum mechanics.

More information

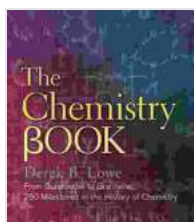
21st century: Invention of graphene

Graphene is a two-dimensional material that is made of carbon atoms. It is the strongest and lightest material known to man. Graphene was invented in the 21st century by the Russian scientists Andre Geim and Konstantin Novoselov. Graphene has a wide range of potential applications, including in electronics, energy storage, and medicine.

More information

The history of chemistry is a long and fascinating one. Over the centuries, chemists have made many important discoveries that have changed our understanding of the world around us. These discoveries have led to the development of new technologies and products that have improved our lives.

The 250 milestones listed in this article are just a few of the many that have been made in the history of chemistry. These milestones represent the progress that has been made in our understanding of matter and its properties. They also serve as a reminder of the importance of chemistry in our lives.



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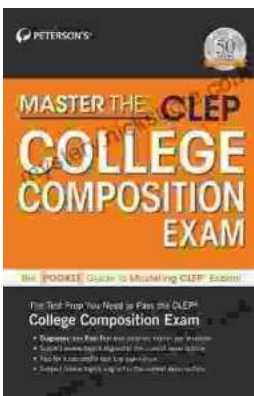
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