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Time Travel: Scientists and Their Contributions towards the Discoveries of the Atom and Atomic Properties

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Introduction

Throughout history, a great deal of scientists contributed to the discoveries concerning the atom and its properties. Starting from the most fundamental concept by Democritus of “atomos”; the atom has since unveiled its numerous properties and components to various scientists. These historical discoveries in chemistry often go unnoticed due to the students' innate belief of the information being difficult to grasp. In order to help students better understand and retain information regarding the properties and components of atoms, this timeline-assisted chronology of the history of atomic theory has been created with the aim to present the information in an interactive manner.

The Timeline

The contributions of the scientists are listed according to the chronological order of their discoveries concerning the atom, its properties, and components through this timeline. The logical progression of the complexity of the associated concepts of the atom is presented in an interactive manner to allow for more complete mental associations with the information.

Acknowledgements

1. Department of Chemistry, Georgia Southern University.
2. College of Science and Mathematics, Georgia Southern University

References


Democritus (400 B.C.)
Proposed matter is composed of tiny indivisible particles. Coined the term “Atomos” in Greek