350 years of nic discoveries

A brief overview of developments in science and academia since the publication of 'Philosophical Transactions'



Isaac Newton published Mathematical Principles Mathematical Principles of Natural Philosophy' in which he detailed his law of universal gravitation



Priestly discovers Oxygen and publishes his finding in Experiments and Observations on Different Kinds of



The known boundaries of the Universe were expanded by William Herschel's discovery of Uranus

1665

1932

neutron

The Royal Society published Philosophical Transactions' the world's first scientific journal

Robert Hooke discovered the cell

1796-8 revolutionised 1676 modern medicine by

1798 Edward Jenner 'Philosophical Magazine' launched by Richard Taylor



Taylor & Francis Taylor & Francis Group

Ernest Rutherford discovered the atomic nucleus

First measurement of

the speed of light

Planck's Law of black body radiation, which became the basis of quantum

inventing the

Smallpox vaccine

theory 1900 Taylor was joined by William Francis and Taylor & Francis was founded

Species

the Origin of

1859 Charles Darwin published 'On



James Chadwick

discovered the

1905

Formulation of Albert Einstein's Theory of Speical Relativity



1903 Marie Curie became the first woman to win a Nobel Prize

1898

Radioactivity discovered by Henri Becquerel

79



1869

Definitive Periodic Table formulated by Dimitri Mendeleev

1953

Watson and Crick published the double helix structure of DNA

Neil Armstrong became the first man to walk on the moon

of

Identification of the HIV virus

1991

Tim Berners-Lee invented the World Wide Web

XML was developed

2001

First draft of the human genome was created

The Berlin Declarati<mark>on o</mark>n open access to knowledge in the Sciences and Humanities was



1997

1996

Researchers at the Roslin Institute successfully cloned Dolly the Sheep 2001

The Budapest Open Access initiative was sianed

2012

boson red by r CERN discovere 2013

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2015

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