

Nobel Prize Winners In Chemistry 1901 2002

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TRAVIS HERRING

The Nobel Prize Lantana Publishing

The classic personal account of Watson and Crick's groundbreaking discovery of the structure of DNA, now with an introduction by Sylvia Nasar, author of A Beautiful Mind. By identifying the structure of DNA, the molecule of life, Francis Crick and James Watson revolutionized biochemistry and won themselves a Nobel Prize. At the time, Watson was only twenty-four, a young scientist hungry to make his mark. His uncompromisingly honest account of the heady days of their thrilling sprint against other world-class researchers to solve one of science's greatest mysteries gives a dazzlingly clear picture of a world of brilliant scientists with great gifts, very human ambitions, and bitter rivalries. With humility unspoiled by false modesty, Watson relates his and Crick's desperate efforts to beat Linus Pauling to the Holy Grail of life sciences, the identification of the basic building block of life. Never has a scientist been so truthful in capturing in words the flavor of his work.

Nobel Prize Winners in Pictures with CD-ROM World Scientific

Few people have changed the world like the Nobel Prize winners. Their breakthrough discoveries have revolutionised medicine, chemistry, physics and economics. Nobel Life consists of original interviews with twenty-four Nobel Prize winners. Each of them has a unique story to tell. They recall their eureka moments and the challenges they overcame along the way, give advice to inspire future generations and discuss what remains to be discovered. Engaging and thought-provoking, Nobel Life provides an insight into life behind the Nobel Prize winners. A call from Stockholm turned a group of twenty-four academics into Nobel Prize winners. This is their call to the next generations worldwide.

Nobel Prize Winners in Chemistry, 1901-1950 Foundation Books

Chromatography, invented more than 100 years ago, is the most widely used separation technique in the world today. It has helped the birth of modern analytical instrumentation and continues to strongly influence the profiles of our chemical, biochemical and clinical laboratories. This book deals with the history of the invention and evolution of chromatography and of the various chromatographic techniques. After discussing the precursors, it elaborates on the activities of M.S. Tswett, the inventor of the technique, and of a few selected key pioneers. It then summarizes the evolution of the various branches of chromatography (planar, ion-exchange, gas and liquid), and also reviews the key role of international symposia in setting the trends in this evolution. Except for individual publications of the author, the history of the evolution of chromatography has not been the subject of any book. Thus, this book fills a major gap in the scientific literature.

Contents:The Precursors of ChromatographyM S Tswett and the Discovery of ChromatographyThe First Pioneers in the Use of ChromatographyThe Rebirth of ChromatographyThe Evolution of the Chromatographic TechniquesIon-Exchange ChromatographyGas ChromatographyModern Liquid ChromatographyThe Most Important Chromatography Meetings Readership: Undergraduate and graduate students, researchers, chemists and biochemists involved in the use of chromatography. Keywords:Chromatography;History;Gas Chromatography;Liquid Chromatography;Chromatography SymposiaKey Features:Discusses the history of chromatography, the evolution of the various techniques, and the activities of the past that led to present-day practiceFills a major gap in the scientific literatureExpands the knowledge base of present-day chromatographers beyond the routine use of the instruments in their laboratories

Science and Me Simon and Schuster

Western Realism and International Relations

Nobel Prize Winners of the World W H Freeman & Company

The Nobel Prize, as founded in Alfred Nobel's will, was the first truly international prize. There is no

other award with the same global scope and mission. The Nobel Prizes in Physics, Chemistry, Physiology or Medicine, Literature, Peace, and the Bank of Sweden Prize in Economic Sciences (from 1969) have not only captured the most significant contributions to the progress of mankind, they also constitute distinct markers of the major trends in their respective areas. The main reason for the prestige of the Prize today is, however, the lasting importance of the names on the list of Laureates and their contributions to human development. In celebration of the centennial of the Nobel Prize in 2001, this book offers a clear perspective on the development of human civilization over the past hundred years. The book serves to present the major trends and developments and also provide information about the life and philosophy of Alfred Nobel, the history of the Nobel Foundation, and the procedure for nominating and selecting Nobel Laureates.

Contents:Introduction (M Sohlman)Life and Philosophy of Alfred Nobel (T Frängsmyr)The Nobel Foundation: A Century of Growth and Change (B Lemmel)Nomination and Selection of the Nobel Laureates (B Lemmel)The Nobel Prize in Physics (E B Karlsson)The Nobel Prize in Chemistry: The Development of Modern Chemistry (B G Malmström & B Andersson)The Nobel Prize in Physiology or Medicine (J Lindsten & N Ringertz)The Nobel Prize in Literature (K Espmark)The Nobel Peace Prize (G Lundestad)The Sveriges Riksbank (Bank of Sweden) Prize in Economic Sciences in Memory of Alfred Nobel 1969-2000 (A Lindbeck) Readership: General. Keywords:Reviews:"This wonderful book gives a comprehensive review of the Nobel prizes awarded since 1901 ... Reading the book is like reading a compressed history of humankind in the twentieth century. It shows how by and large the Nobel prizes have indeed tracked the epoch-making events in this turbulent century."M Veltman Nobel Laureate in Physics (1999), Emeritus Professor of Physics University of Michigan, Ann Arbor

Nobel Life Phoenix, Ariz. : Oryx Press

Brief life sketches of 301 Nobel Prize laureates.

Nobel Cambridge University Press

The story of the winners of the world's most prestigious prize, now updated to include the 2009 recipients. The Nobel Prize is widely regarded as the most prestigious award one can receive. The Prize is administered by the Nobel Foundation, and the award ceremonies receive extensive media coverage. The awards are often politically controversial, and many winners use their acceptance speech to further favorite causes. Along with background information, the book provides a look at the 200 most famous and most interesting Nobel winners. The profiles are arranged by prize and by year. A photo or illustration appears with each profiled Laureate. Other illustrations help to explain complex subjects in science and make it easier for the reader to appreciate the accomplishments for which the prize has been awarded. A number of fascinating facts emerge from this lively account. For example, only 40 of the 829 Nobel Laureates have been women, among them Marie Curie, who won twice. Linus Pauling is the only person to have been awarded two Nobel Prizes in different categories, the 1954 Nobel Prize in Chemistry and the 1962 Nobel Peace Prize. The youngest Laureate is Lawrence Bragg, who was 25 years old when he received the Nobel Prize in Physics with his father in 1915. The oldest is Leonid Hurwicz, who was 90 years old when he received the 2007 Economics Prize. Two Laureates have declined the Nobel Prize: Jean-Paul Sartre, and Le Duc Tho. Other famous names include Ernest Hemingway, Albert Einstein, Albert Schweitzer, James Watson and Francis Crick, Paul Krugman, Charles Kao, Elizabeth Blackburn and Barack Obama. Nobel: A Century of Prize Winners is sure to find a readership among the millions who follow the awards each year and want to understand more about the most important prize in the world.

A Life of Magic Chemistry Joseph Henry Press

Since 1901 there have been over three hundred recipients of the Nobel Prize in the sciences. Only ten of themâ€"about 3 percentâ€"have been women. Why? In this updated version of Nobel Prize

Women in Science, Sharon Bertsch McGrayne explores the reasons for this astonishing disparity by examining the lives and achievements of fifteen women scientists who either won a Nobel Prize or played a crucial role in a Nobel Prize - winning project. The book reveals the relentless discrimination these women faced both as students and as researchers. Their success was due to the fact that they were passionately in love with science. The book begins with Marie Curie, the first woman to win the Nobel Prize in physics. Readers are then introduced to Christiane Nusslein-Volhard, Emmy Noether, Lise Meitner, Barbara McClintock, Chien-Shiung Wu, and Rosalind Franklin. These and other remarkable women portrayed here struggled against gender discrimination, raised families, and became political and religious leaders. They were mountain climbers, musicians, seamstresses, and gourmet cooks. Above all, they were strong, joyful women in love with discovery. Nobel Prize Women in Science is a startling and revealing look into the history of science and the critical and inspiring role that women have played in the drama of scientific progress.

The Nobel Prize World Scientific

V.1. 1901-1937. v.2. 1938-1968. v.3. 1969-1989.

The Who's Who of Nobel Prize Winners, 1901-1990 John Wiley & Sons

A collection of the Nobel Lectures delivered by the prizewinners in chemistry, together with their biographies, portraits and the presentation speeches.

Nobel Prize Winners in Chemistry Strategic Book Publishing & Rights Agency

Discover some of the inspirational men and women who have received Nobel Prizes in Physics, Chemistry and Medicine from 1901 to the present day, among them Marie Curie, Hermann Joseph Muller, and Donna Strickland. A glimpse into the often surprising lives and sometimes accidental discoveries of a group of extraordinary scientists, this fascinating collection shows that the science you learn at school really can change the world.

The Jewish Nobel Prize in Chemistry CRC Press

Reveals all the politics & personal agendas that dictate who has been awarded the Prize, & just as importantly, who has not. Published in conjunction with the 100th anniversary of the Prizes.

Fred Sanger - Double Nobel Laureate Diamond Pocket Books Pvt Ltd

Brief life sketches of Nobel Prize laureates in chemistry from 1901-2008.

Chemistry, 1922-1941 World Scientific

100 Years Of Nobel Prizes Provides A Detailed Statistical Analysis Of What Is Required To Win A Nobel, Why It Sometimes Takes A Long Time To Collect The Award, And What The Prizes Have Meant To Human Progress.After The Nobel Prizes Are Announced Each October, Do You Ever Wonder:" How Many Scientists Have Won Two Nobels During Their Career?" Could Nobels Run In Families?" Does Luck Ever Play A Role In A Nobel Award?" Have Any Undeserving Achievements Ever Been Recognized?" Have Some Deserving Individuals Been Passed Over?" What Do U.S. President S Roosevelt And Wilson Have In Common?" How Many Women Have Won The Nobel Prize In Economics?" Have Alfred Nobel S Purposes In Establishing The Awards Been Met?" Do Some Universities Have An Inside Track On Winning Nobels?" Has Immigration Played A Role In Awarding The Nobel Prize?" Why Have Nearly 30% Of The Nobel Prizes Gone To A Group Representing Only About .02% Of The World S Population?Learn The Fascinating Answers To These And Other Questions Discovered By Baruch A. Shalev, An Israeli Geneticist, Who Began Wondering Whether One Of The Principle Findings Of A Lifetime Of Animal Research Might Also Apply To Human Beings. After His Retirement, He Selected Nobel Prize-Winners As A Population Universe To Study. This Book Is The Result Of His Investigations.

Nobel Prize Winners in Chemistry John Wiley & Sons

Celebrating a century of revolutionary contributions to our understanding of life, the world, and the universe, this encyclopedic desk reference traces the discoveries that earned nearly 500

distinguished scientists Nobel honors in the areas of chemistry, physics, and medicine. The School of Library Journal called it "...eye-catching... Original artwork, colorful captioned drawings of models and structures, and diagrams illustrate complex scientific principles and may invite browsing. ...great graphics and appealing format..." This book includes over 550 full color illustrations and photographs, and is a must for the library of any public, university, business, or personal library.

100 Years of Nobel Prizes Firefly Books

This book commemorates the 25th anniversary of the International Izatt-Christensen Award in Macrocyclic and Supramolecular Chemistry. The award, one of the most prestigious of small awards in chemistry, recognizes excellence in the developing field of macrocyclic and supramolecular chemistry Macrocyclic and Supramolecular Chemistry: How Izatt-Christensen

Award Winners Shaped the Field features chapters written by the award recipients who provide unique perspectives on the spectacular growth in these expanding and vibrant fields of chemistry over the past half century, and on the role of these awardees in shaping this growth. During this time there has been an upsurge of interest in the design, synthesis and characterization of increasingly more complex macrocyclic ligands and in the application of this knowledge to understanding molecular recognition processes in host-guest chemistry in ways that were scarcely envisioned decades earlier. In October 2016, Professor Jean-Pierre Sauvage and Sir J. Fraser Stoddart (author for chapter 22 "Contractile and Extensile Molecular Systems: Towards Molecular Muscles" by Jean -Pierre Sauvage, Vincent Duplan, and Frédéric Niess and 20 "Serendipity" by Paul R. McGonigal and J. Fraser Stoddart respectively) were awarded the Nobel Prize in Chemistry alongside fellow Wiley author Bernard Feringa, for the design and synthesis of molecular machines.

The Nobel Prize Winners Atlantic Publishers & Dist

Brief life sketches of Nobel Prize laureates in chemistry from 1901-2009.

Nobel Prize Winners in Chemistry 1907-1961 World Scientific

Presents a list of the Nobel Prize winners in chemistry since 1901. The site is available in English and German. Notes the winner's name, the year awarded, country, birth and death dates, and the reason for the award. Links to a German version of the site.

Nobel Prize Women in Science Harvard University Press

V.1. 1901-1937. v.2. 1938-1968. v.3. 1969-1989.

A Century of Nobel Prize Recipients APH Publishing

Discusses the Nobel Institution in detail, telling about the award and its beginnings, what it means to win a Nobel Prize, the fields in which it is presented, who judges and how the prize is awarded, and more.