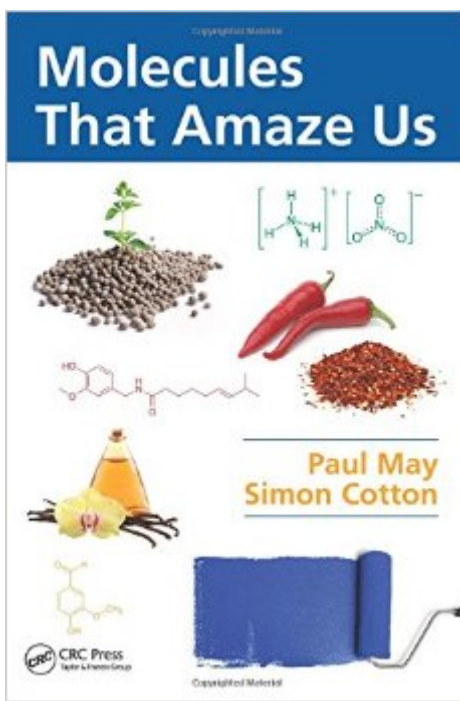


The book was found

Molecules That Amaze Us



Synopsis

"This new book is by two knowledgeable and expert popularizers of chemistry and deals exclusively with molecules and compounds rather than with the simpler atoms and elements. It is based on the very successful *^Molecule of the Month^™* website that was begun by Paul May fifteen years ago and to which his co-author Simon Cotton has been a frequent contributor. *^|* The authors *^|* strike an excellent balance between introducing the novice to the world of molecules while also keeping the expert chemist interested. *^|* I highly recommend this book to all readers. It will vastly expand your knowledge and horizons of chemistry and the human ingenuity that surrounds it."^•From the Foreword by Dr. Eric Scerri, UCLA, Los Angeles, website: www.ericscerri.com, Author of *^The Periodic Table, Its Story and Its Significance^™* and several other books on the elements and the periodic table. The world is composed of molecules. Some are synthetic while many others are products of nature. *Molecules That Amaze Us* presents the stories behind many of the most famous and infamous molecules that make up our modern world. Examples include the molecule responsible for the spicy heat in chilies (capsaicin), the world's first synthetic painkiller (aspirin), the pigment responsible for the color of autumn leaves (carotene), the explosive in dynamite (nitroglycerine), the antimalarial drug (quinine), the drug known as "speed" (methamphetamine), and many others. Other molecules discussed include caffeine, adrenaline, cholesterol, cocaine, digitalis, dopamine, glucose, insulin, methane, nicotine, oxytocin, penicillin, carbon dioxide, limonene, and testosterone. In all, the book includes 67 sections, each describing a different molecule, what it does, how it is made, and why it is so interesting. Written by experts in the field, the book is accessible and easy to read. It includes amusing anecdotes, historical curiosities, and entertaining facts about each molecule, thereby balancing educational content with entertainment. The book is heavily illustrated with relevant photographs, images, and cartoons^•the aim being both to educate and entertain.

Book Information

Paperback: 742 pages

Publisher: CRC Press; 1 edition (October 23, 2014)

Language: English

ISBN-10: 1466589604

ISBN-13: 978-1466589605

Product Dimensions: 6.1 x 1.2 x 9.1 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars Â Â See all reviews Â (1 customer review)

Best Sellers Rank: #1,502,695 in Books (See Top 100 in Books) #100 in Â Books > Humor & Entertainment > Humor > Science & Scientists #279 in Â Books > Science & Math > Chemistry > Inorganic #1120 in Â Books > Science & Math > Chemistry > Organic

Customer Reviews

I was given the paperback book for a birthday present and how I wish it had been around during my school days. In fact, if either of the writers had been my chemistry teacher, I might even have passed chemistry instead of being a doleful failure! It explains things so well and makes them easily understandable with humour and easy, flowing, language. Nothing dry here, with plenty of diagrams and photographs to illustrate the points: seriously, have you ever seen a photo of Sid Vicious in a science book before? And I swear I'll never look at ice cream in the same way again. It's definitely something to dip into - but you won't be able to put your Kindle down once you start! Just one more molecule...

[Download to continue reading...](#)

Molecules That Amaze Us Low Carb Casseroles BOX SET 2 IN 1: 38 Super Satisfying Low Carb Casseroles That Will Amaze Your Family: (low carbohydrate, high protein, low carbohydrate ... diet for dummies, low carb high fat diet) Mediterranean Diet: Revealed! 65 Delicious Mediterranean Diet Cookbook Recipes Sure To Delight and Amaze All While Losing Inches (mediterranean cookbook, ... weight loss motivation, weight loss tips 1) The Everything Wedding Shower Book: Thrill the Bride and Amaze the Guests With a Celebration to Remember Mental Card Tricks - Magic Tricks Using the Mind to Impress and Amaze 101 Bets You Will Always Win: Jaw-Dropping Illusions, Remarkable Riddles, Scintillating Science Stunts, and Cunning Conundrums That Will Astound and Amaze Everyone You Know Modeling the Psychopathological Dimensions of Schizophrenia, Volume 23: From Molecules to Behavior (Handbook of Behavioral Neuroscience) Molecules With Silly Or Unusual Names Structure-based Design of Drugs and Other Bioactive Molecules: Tools and Strategies Anti-Cancer Molecules: Structure, Function, and Design (Annals of the New York Academy of Sciences) Magic Molecules: How Drugs Work Molecules (Scientific American Library) Heterolytic Fragmentation of Organic Molecules Transition Metals in the Synthesis of Complex Organic Molecules The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules Dynamics of Molecules and Chemical Reactions Photochromism: Molecules and Systems Modern Molecular Photochemistry of Organic Molecules Density-Functional Theory of Atoms and Molecules (International Series of Monographs on Chemistry) Giant Molecules: Here,

There, and Everywhere

[Dmca](#)