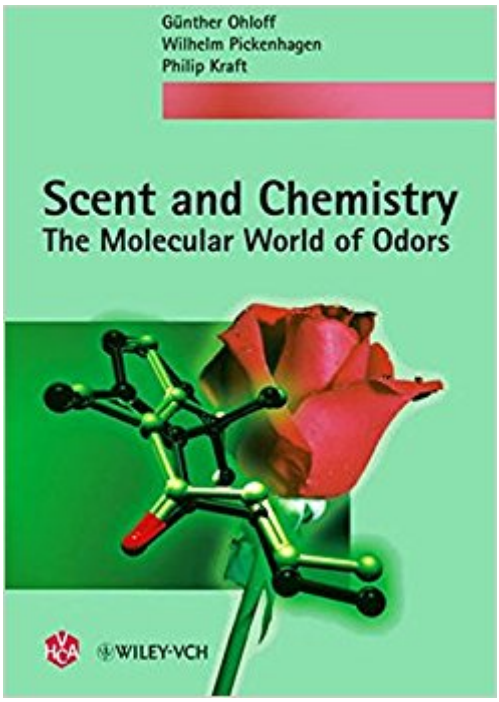
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Scent And Chemistry



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Synopsis

This book is the long awaited completely revised and extended edition of GÃƒÂ Ã Â¿Ã Â nther Ohloff's standard work "Scent and Fragrances: The Fascination of Odors and Their Chemical Perspectives". The prominent chemists GÃƒÂ Ã Â¿Ã Â nther Ohloff, Wilhelm Pickenhagen, and Philip Kraft convey the scientist, the perfumer, as well as the interested layman with a vivid and up-to-date picture of the state of the art of the chemistry of odorants and the research in odor perception. The book details on the molecular basis of olfaction, olfactory characterization of perfumery materials, structure-odor relationships, the chemical synthesis of odorants, and the chemistry of essential oils and odorants from the animal kingdom, backed up by ca. 400 perfumery examples and historical aspects. It will serve as a thorough introductory text for all those interested in the molecular world of odors. This book is written for everyone who wants to know more about the molecular basis of odor, and the relationships between chemical structures and olfactory properties. The great structural diversity of odorants, their synthesis, natural occurrence and their structure?odor correlation demonstrate what a fascinating science Fragrance Chemistry indeed is.

Book Information

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Customer Reviews

Ã¢â ¬Å“This wonderful book will interest readers in the fields of psychology and neurophysiology as well as the obvious organic chemistry and biochemistry.Ã Â Useful as a course resource and reference book.Ã Â Summing Up: Highly recommended.Ã Â Upper-division undergraduates and above.Ã¢â ¬Â•Ã Â (Choice, 1 August 2012) Ã¢â ¬Å“This book would be ideal for perfume/odour

chemists or any chemist with an interest in natural products.Ã¢â ¬Â•Ã Â (Chemistry World, 20 June 2012) Ã¢â ¬Å“The first edition of the book was written for Ã¢â ¬Å“interested scientists and everyone who appreciates nice scentsÃ¢â ¬Â•. The same is also true for this book.Ã¢â ¬Â•Ã Â (Angew. Chem. Int. Ed, 2012) Ã¢â ¬Å“Given their unique perspective and a wealth of knowledge, it would be a great addition to a perfumery bookshelf.Ã¢â ¬Â•Ã Â (Bois de Jasmin, 6 March 2012) Ã¢â ¬Å“This is a splendid book, which I really enjoyed Ã¢â ¬Â¦ Thoroughly recommended.Ã¢â ¬Â•Ã Â (Chemistry & Industry, 1 May 2012) Ã Â

Odor impressions have cast a spell over mankind since the dim and distant past. But even today, we are Ã¢â ¬â œ consciously or subconsciously Ã¢â ¬â œ guided by our sense of smell and the chemistry behind it. The prominent fragrance chemist GÃƒÂ nther Ohloff, Wilhelm Pickenhagen, and Philip Kraft convey the scientist, the perfumer, and the interested layman with a vivid and up-to-date picture of the chemistry of odorants and the research in odor perception. The book details the molecular basis of Olfaction, olfactory characterization of perfumery materials, structure-odor relationships, chemical synthesis of odorants, and chemistry of essential oils and odorants from the animal kingdom, backed up by many examples from perfumery and historical aspects. It will serve as a thorough introductory tool for all those interested in the molecular world of odors.

This book is choc-full-o-information and is very useful, I recommend it to anyone diving into perfumery. I do not have a strong chemistry background, just a little in high school and some self study. I also own The Chemistry of Fragrances. Both books are excellent but Scent and Chemistry is a lot more difficult to read because even the history sections are written from the perspective, mode of speech and writing style of a scientist so the information is not presented in a very interesting or approachable way to me as an artist. Annotation numbers referencing chemical bond diagrams break up every sentence, visually they are like speed and comprehension bumps in the text. If you are accustomed to reading white papers in chemistry this book might be easier for you to read through but it lacks that smooth cohesion that one would expect from a well written text book. I don’t mean to say that it’s not informative or that it’s poorly written, it’s just not well written in the way that a good writer does. The publisher could tone down the illustration numbers by removing the bold type-face and making them smaller than the rest of the text, that would improve readability. This book moreso than The Chemistry of Fragrances has tons of diagrams and illustrations but most of them are chemical bonds so you need to understand what you are looking at in order to find

those illustrations useful in the context of the text since it is visually broken by the annotations. Over all I'd say this book is worth every penny and very valuable as a text book but there is always room for improvement.

This is one of the best books available to understand structure, synthesis, and use of hundreds of fragrance molecules. Perhaps beyond the ken of most perfume enthusiasts, the book is nonetheless very useful as a reference. There is a section following each chapter's discussion of a fragrance molecule family that actually details many commercially-available perfumes featuring a specific molecule, complete with concentrations! This volume will open up a new world to those who merely love perfume. For those of us with chemistry background, it is an indispensable grounding in the science of scent.

This is not the book to buy if you want to know how to make a perfume. There is a ton of information on how individual aromachemicals are made-a lot of little representations of scent molecules etc and there are-if you care to painstakingly search through the entire book-tiny little morsels of info that are actually useful if you are trying to make a perfume.

Very good book for people interested in the fragrance chemistry. The text is nicely written and contained abundant bibliographic references. The figures are in color and printed with a high quality.

A scrupulous & delicate book with many information about odors and it's chemial mechanism, very useful for junior perfumer.

Thumbs up!

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