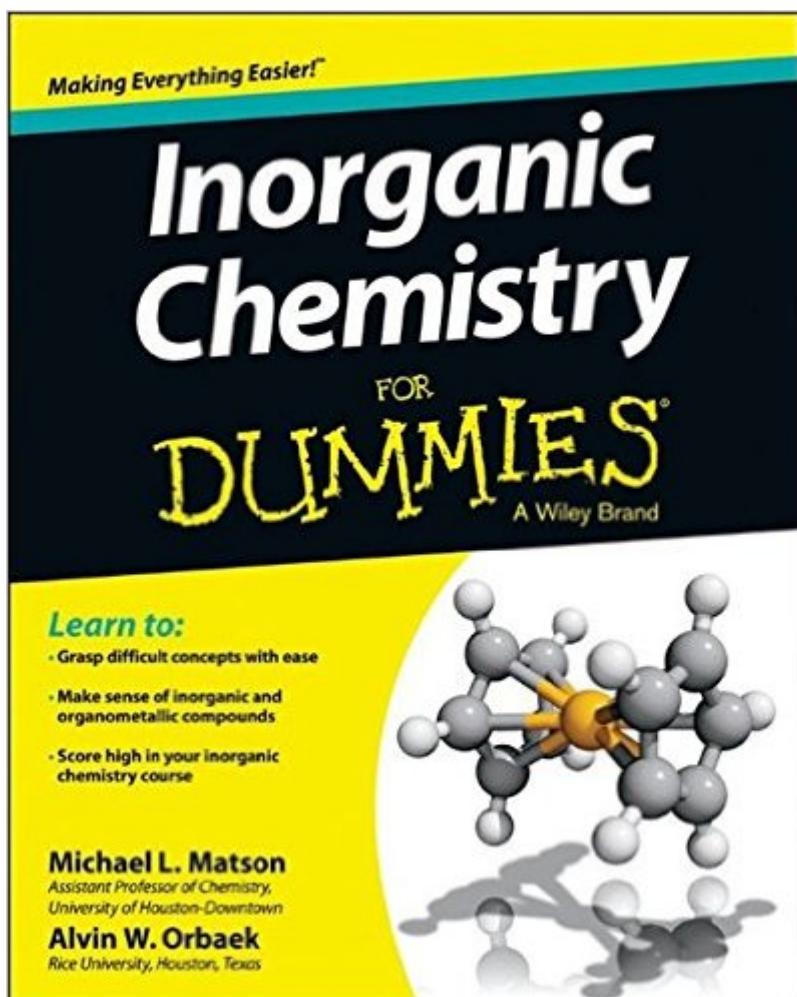


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# Inorganic Chemistry For Dummies



## Synopsis

The easy way to get a grip on inorganic chemistry Inorganic chemistry can be an intimidating subject, but it doesn't have to be! Whether you're currently enrolled in an inorganic chemistry class or you have a background in chemistry and want to expand your knowledge, *Inorganic Chemistry For Dummies* is the approachable, hands-on guide you can trust for fast, easy learning. *Inorganic Chemistry For Dummies* features a thorough introduction to the study of the synthesis and behavior of inorganic and organometallic compounds. In plain English, it explains the principles of inorganic chemistry and includes worked-out problems to enhance your understanding of the key theories and concepts of the field. Presents information in an effective and straightforward manner Covers topics you'll encounter in a typical inorganic chemistry course Provides plain-English explanations of complicated concepts If you're pursuing a career as a nurse, doctor, or engineer or a lifelong learner looking to make sense of this fascinating subject, *Inorganic Chemistry For Dummies* is the quick and painless way to master inorganic chemistry.

## Book Information

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## Customer Reviews

It has been a number of years since I've had anything to do with Inorganic Chemistry. The class was sort of hidden away at my college, and taught more from the whims of the soon-to-be retiring professor than directly from the textbook. So, when I got the chance to review *Inorganic Chemistry for Dummies*, I thought I'd take a stroll down memory lane and compare it with my old textbook. Interestingly enough, they are the same thickness if you ignore the extra bulk of the textbook's hardback cover. That doesn't necessarily tell you anything about the content, but it was a good sign for me going in. *Inorganic Chemistry for Dummies* does a decent job of explaining the concepts it

presents with enough information that those from varied chemistry backgrounds can understand it. I often found the explanations to initially be too simplistic, but I've had experience in the subject matter - a student that had only taken first-year chemistry may have found the same explanation just right. Other areas seemed to lack in coverage, and there were too few examples for my liking. But, comparing it to my old textbook, I actually found the Dummies book much more useful in understanding some subjects, so I can definitely recommend it - just keep in mind it won't be the only source on the material you will need. Rating: 4 Out of 5 Stars. Worth the purchase price, especially for students planning to take the full Inorganic Chemistry course in the future.

Back in high school I thought chemistry would be a lot more interesting than it turned out to be; all that 'periodic table of the elements' and boring stuff like that. I think the most interesting thing turned out to be the girl who sat in front of me (but it turned out there was no 'chemistry' there, either). Fast forward some twenty (or so) years and I find myself often wondering about things related to chemistry. Inorganic chemistry - in contrast to organic chemistry, which is mostly concerned with carbon - covers a lot of the field of chemistry. Yeah, there's that darn periodic table of the elements again, although now I understand better why it's set up the way it is. It also goes over things like nuclear science and radioactive decay, how elements bond together, acids and bases, and even nanotechnology. It's organized in such a way that you don't have to read it cover to cover but can jump in almost any place and, with a little effort, grasp most subjects. And I like the "Dummies" sense of humor; never taking itself too seriously but trying to have fun with it (I wish my high school chemistry class had been more like that). Especially interesting was the home experiments and household items listed at the back. I'm not the kind of reader who wants a college-level course on the subject, but with some of the hobbies I have this seems to be enough to satisfy the curiosity I sometimes have about many things chemical. (Of course, now I might have to hunt down the one on organic chemistry.)

This book is perfect for someone thrown into the world of Inorganic Chemistry. Whether you are taking it for the first time in high school or college, or if something comes up at work requiring you to quickly get some background understanding, this is a good book for you. It is easy to read, and doesn't go too in depth, but does serve as a solid starting point. For me, I used it as a refresher to bring back what I had already learned decades ago. It was very useful for that.

I love the For Dummies series and have profited from a handful of its installments. It's unpretentious

and doesn't take itself too seriously while providing excellent, reliable information on a variety of topics, making the books perfect for introducing and/or refreshing. This volume in inorganic chemistry, an imposing subject, lives up to its billing as an approachable guide. The material is well organized, the writing clear, conversational. I imagine it would be very useful as a companion while taking a course in inorganic chemistry, but I found it to be just as useful as a way to explore topics in chemistry beyond the general chemistry class I had years ago.

I went through the entire book. So honestly, it has the following: Several typos but not much, scattered confusing explanation, incomplete concepts illustration , and no problems to practice your understanding. I don't recommend this for an inorganic student (class or test review). Hopefully a next edition will upgrade and reform the content. Khan academy and a good gen chemistry book will do the job for most of the book contents.

The last inorganic chemistry course I took was in 1972 so some of the stuff in this book, like nanotechnology was new to me. However it was amazing to see things long forgotten came back to the fore while I read this book. Why do I mention this? Because it attests to how well the book is organized and written. There is just enough detail to get one introduced to the main points. Another great feature is that the chapters can be read in any order. For example, I started with Chapter 19, Nanotechnology, and then read through the chapters on Chemical Bonding and from there on went back and started reading all the chapters in the order given. The experiments chapters at the end are great but I have not actually done any of them at home. There is a cheat-sheet available on-line that comes with the book. I found the cheat-sheet quite useful and interesting especially the section on the periodic table. I printed the periodic table portion of the cheat sheet and inserted it in the textbook as a guide and quick reference. The presentation is smooth, succinct, and easy to wade through. I must say that the chapters on Periodic Table could have been a bit more detailed, for example the chapter on "Bridging Two Sides....", but then this is an introductory text. I found this book to be a perfect introduction to in-org chem and I believe it can also be used as a tutor like book to supplement your college textbook.

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