

Gold: Science and Applications

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Gold is used in a wide range of industrial and medical applications and accounts for over 10 percent of the annual demand for metal, worth billions of dollars annually. While much has been written about the mystique and trade of gold, very little has been written about the science and technology in which it is involved. Edited by two respected authorities from the World Gold Council, **Gold: Science and Applications** provides researchers with the definitive handbook on the current science and applications of this valuable and beautiful precious metal.


Packed with contributions from the world's leading experts, this volume brings in authoritative information from a number of sciences, including chemistry, physics, nanotechnology and metallurgy. The book presents a myriad of applications, ranging from electronics to medicine and optics. A comprehensive overview chapter provides historical perspectives of the element and each chapter describes potential further uses, including applications currently being developed.

Gold Applications in Use Today Include:

- Medical
- Dental
- Electronics

- Engineering
- Industrial
- Pollution Control
- Photography
- Catalysts
- Nanotechnology

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Editorial Review

Review

"Every chapter in this book is a stand-alone monograph with the common theme of various aspects of chemistry and uses of gold, ranging from its physical and chemical properties, through jewellery, biomedical applications and dentistry to nanotechnology. ...This is an outstanding, beautifully presented book with every contribution authoritative and informative."

—*Chromatographia*, March 2011

About the Author

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Users Review

From reader reviews:

Victoria Schwan:

Reading a book tends to be new life style within this era globalization. With studying you can get a lot of information that may give you benefit in your life. Along with book everyone in this world can certainly share their idea. Textbooks can also inspire a lot of people. A great deal of author can inspire all their reader with their story or perhaps their experience. Not only the storyplot that share in the guides. But also they write about the ability about something that you need example. How to get the good score toefl, or how to teach your children, there are many kinds of book which exist now. The authors on this planet always try to improve their proficiency in writing, they also doing some research before they write on their book. One of them is this Gold: Science and Applications.

Susan Swain:

Spent a free time and energy to be fun activity to try and do! A lot of people spent their spare time with their family, or their own friends. Usually they accomplishing activity like watching television, going to beach, or picnic within the park. They actually doing ditto every week. Do you feel it? Do you wish to something different to fill your own free time/ holiday? Can be reading a book can be option to fill your no cost time/ holiday. The first thing that you will ask may be what kinds of publication that you should read. If you want to consider look for book, may be the publication untitled Gold: Science and Applications can be great book to read. May be it may be best activity to you.

Sharon Rowe:

People live in this new day time of lifestyle always attempt to and must have the free time or they will get great deal of stress from both everyday life and work. So , when we ask do people have extra time, we will say absolutely yes. People is human not a robot. Then we question again, what kind of activity do you

possess when the spare time coming to you actually of course your answer can unlimited right. Then do you ever try this one, reading publications. It can be your alternative within spending your spare time, typically the book you have read will be Gold: Science and Applications.

Laura Clark:

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