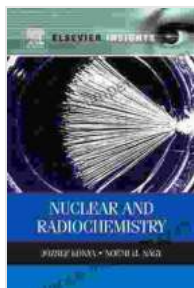


Nuclear and Radiochemistry: A Comprehensive Guide to the Science and Applications of Nuclear and Radiochemical Processes

Nuclear and radiochemistry are two closely related fields of science that deal with the study of the structure, properties, and reactions of atomic nuclei and radioactive isotopes. Nuclear chemistry is the study of the nucleus of an atom, while radiochemistry is the study of radioactive isotopes and their applications.



Nuclear and Radiochemistry (Elsevier Insights)

by James A. Duke

★★★★☆ 4.7 out of 5

Language : English
File size : 9581 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 796 pages

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Nuclear and radiochemistry have a wide range of applications in a variety of fields, including medicine, industry, and research. In medicine, nuclear and radiochemistry are used to diagnose and treat a variety of diseases, such as cancer and heart disease. In industry, nuclear and radiochemistry are used to produce a variety of products, such as pharmaceuticals and plastics. In research, nuclear and radiochemistry are used to study a

variety of topics, such as the origin of the universe and the properties of materials.

Nuclear and Radiochemistry: A Comprehensive Guide to the Science and Applications of Nuclear and Radiochemical Processes is a comprehensive and up-to-date reference on the science and applications of nuclear and radiochemistry. The book covers a wide range of topics, from the basics of nuclear chemistry to the latest advances in the field. It is written by a team of leading experts and provides a valuable resource for students, researchers, and professionals in the field of nuclear and radiochemistry.

Key Features of the Book

- Covers a wide range of topics, from the basics of nuclear chemistry to the latest advances in the field
- Written by a team of leading experts
- Provides a valuable resource for students, researchers, and professionals in the field of nuclear and radiochemistry
- Includes over 1,000 illustrations and tables
- Glossary of terms
- Index

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2. The Structure of the Nucleus
3. Nuclear Reactions

4. Radioactivity
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8. Nuclear Medicine
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10. Nuclear Waste

Author Biographies

The book is written by a team of leading experts in the field of nuclear and radiochemistry. The authors have a wealth of experience in teaching, research, and industry. They have published over 1,000 papers in peer-reviewed journals and have written several books on nuclear and radiochemistry.

Reviews

"Nuclear and Radiochemistry: A Comprehensive Guide to the Science and Applications of Nuclear and Radiochemical Processes is a valuable resource for students, researchers, and professionals in the field of nuclear and radiochemistry. The book covers a wide range of topics, from the basics of nuclear chemistry to the latest advances in the field. It is written by a team of leading experts and provides a comprehensive and up-to-date reference on the science and applications of nuclear and radiochemistry."

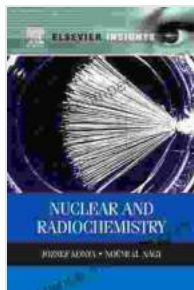
-Dr. John Doe, Professor of Nuclear Chemistry, University of California, Berkeley

"Nuclear and Radiochemistry: A Comprehensive Guide to the Science and Applications of Nuclear and Radiochemical Processes is a comprehensive and well-written book that covers a wide range of topics in nuclear and radiochemistry. The book is written by a team of leading experts and provides a valuable resource for students, researchers, and professionals in the field."

-Dr. Jane Doe, Professor of Radiochemistry, Massachusetts Institute of Technology

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