



Nuclear and Radiochemistry: Fundamentals and Applications, 2 Volume Set, 3rd Edition

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E-Book	ISBN: 978-3-527-65335-5	August 2013	\$347.99
Hardcover	ISBN: 978-3-527-32901-4	December 2013	\$434.75
O-Book	ISBN: 978-3-527-65333-1	August 2013	Available on Wiley Online Library

DESCRIPTION

The third edition of this classic in the field is completely updated and revised with approximately 30% new content so as to include the latest developments.

The handbook and ready reference comprehensively covers nuclear and radiochemistry in a well-structured and readily accessible manner, dealing with the theory and fundamentals in the first half, followed by chapters devoted to such specific topics as nuclear energy and reactors, radiotracers, and radionuclides in the life sciences. The result is a valuable resource for both newcomers as well as established scientists in the field.

ABOUT THE AUTHOR

Jens-Volker Kratz is Professor of Nuclear Chemistry at Johannes Gutenberg University in Mainz, Germany. He also obtained his degrees in Chemistry at this University, followed by a postdoc at Berkeley with Glenn T. Seaborg. Before moving back to Mainz, he worked as a Group Leader between 1974 and 1982 at GSI in Darmstadt. He has served as a member and chair of a number of scientific committees and is editor of *Radiochimica Acta*. He has received numerous prizes, including the Otto Hahn Award.

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The whole book will be completely updated and revised. Approximately 30% of the contents will be completely new. All the latest developments in the field and the newest methods will be included.

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