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Phosphors for Radiation Detectors

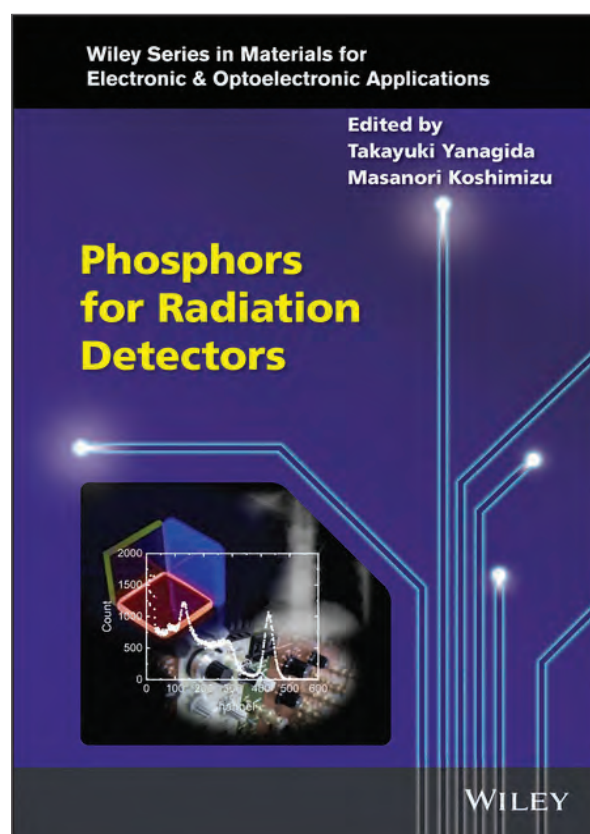
Edited by *Takayuki Yanagida and Masanori Koshimizu*

Materials Science | Optical and Non-Linear Optical Materials

Discover a comprehensive overview of luminescence phosphors for radiation detection

In *Phosphors for Radiation Detection*, accomplished researchers Takayuki Yanagida and Masanori Koshimizu deliver a state-of-the-art exploration of the use of phosphors in radiation detection. The internationally recognized contributors discuss the fundamental physics and detector functions associated with the technology with a focus on real-world applications. The book discusses all forms of luminescence phosphors for radiation detection used in a variety of fields, including medicine, security, resource exploration, environmental monitoring, and high energy physics.

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Print ISBN 9781119583325

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Perfect for research physicists, materials scientists, and electrical engineers, *Phosphors for Radiation Detection* is an also an indispensable resource for postgraduate and senior undergraduate students working in detection physics.

THE EDITORS

Takayuki Yanagida is Professor at the Graduate School of Materials Science, Nara Institute of Science and Technology in Japan. He obtained his doctorate from the University of Tokyo. His research interests include inorganic crystal, transparent ceramic, and glass phosphors.

Masanori Koshimizu is Associate Professor at the Graduate School of Engineering at Tohoku University. He has authored over 160 papers in the fields of Applied Chemistry and Quantum Physical Chemistry.

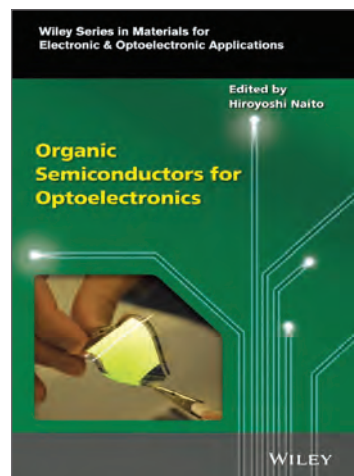


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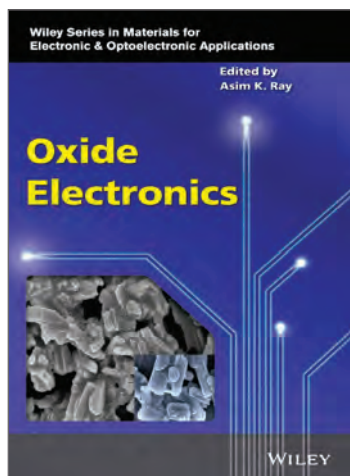
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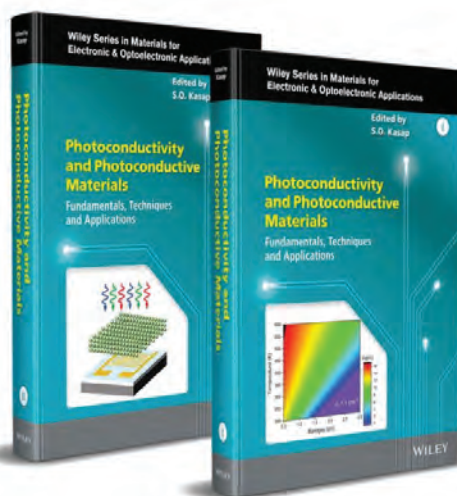


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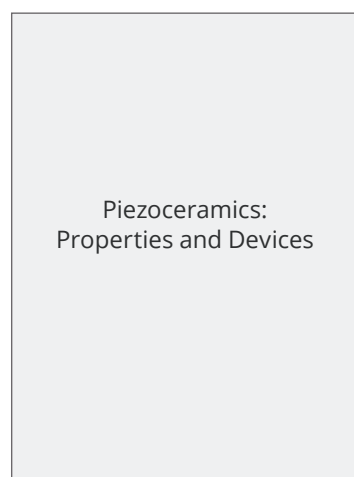


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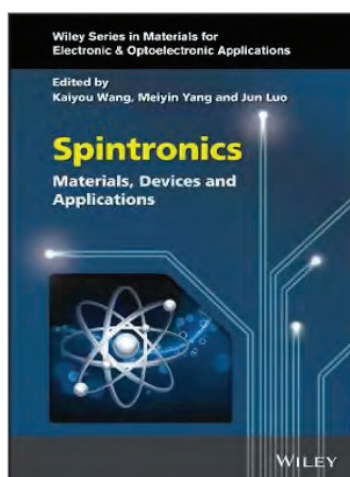
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