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	Descrizione fisica	1 online resource (X, 437 p. 71 illus., 60 illus. in color.)
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	Nota di contenuto	Preface -- PART 1 Imaging Modalities and their findings in Schizophrenia: Structural Magnetic Resonance Imaging of Gray Matter: Methods for data collection and analysis -- Structural Magnetic Resonance Imaging of Gray Matter: Findings in Shizophrenia -- Structural Magnetic Imaging of White Matter: Methods for data collection and analysis -- Structural Magnetic Imaging of White Matter: Findings in Shizophrenia -- Functional Imaging: Methods for data collection and analysis -- Functional Imaging: Findings in Shizophrenia -- PET: Methods for data collection and analysis -- PET: Findings in Shizophrenia -- MRS: Methods for data collection and analysis -- MRS: Findings in Shizophrenia -- MEG: Methods for data collection and analysis -- MEG: Findings in Shizophrenia -- ERP: Methods for data collection and analysis -- ERP: Findings in Shizophrenia -- PART II Recent Applications of Neuroimaging to Schizophrenia: Alternative Treatment/manipulation Effects and Neuroimaging -- Brain Development -- Genetics and Neuroimaging -- Outcome and Treatment Response Prediction -- Towards an Integration of Information Gleaned from Neuroimaging in Schizophrenia.
	Sommario/riassunto	This comprehensive book explains the importance of imaging techniques in exploring and understanding the role of brain

abnormalities in schizophrenia. The findings obtained using individual imaging modalities and their biological interpretation are reviewed in detail, and updates are provided on methodology, testable hypotheses, limitations, and new directions for research. The coverage also includes important recent applications of neuroimaging to schizophrenia, for example in relation to non-pharmacological interventions, brain development, genetics, and prediction of treatment response and outcome. Written by world renowned experts in the field, the book will be invaluable to all who wish to learn about the newest and most important developments in neuroimaging research in schizophrenia, how these developments relate to the last 30 years of research, and how they can be leveraged to bring us closer to a cure for this devastating disorder. Neuroimaging in Schizophrenia will assist clinicians in navigating what is an extremely complex field and will be a source of insight and stimulation for researchers. .