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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Basic mechanisms of synthesis and hydrolysis of major endocannabinoids / Natalia Battista and Mauro Maccarrone -- Cannabinoid receptors and their signaling mechanisms / Balapal S. Basavarajappa -- The endocannabinoid system and Parkinson disease / Andrea Giuffrida and Alex Martinez -- Putative role of endocannabinoids in schizophrenia / F. Markus Leweke and Cathrin Rohleder -- The endocannabinoid system and human brain functions : insight from memory, motor, and mood pathologies / John C. Ashton, Megan J. Dowie and Michelle Glass -- The role of the endocannabinoid system in addiction / Jose M. Trigo and Bernard Le Foll.
Sommario/riassunto	The Endocannabinoid System: Genetics, Biochemistry, Brain Disorders, and Therapy examines the cellular, biochemical, genetic, and therapeutic aspects of the endocannabinoid system. The chapters cover significant conceptual advances in the endocannabinoid field and shed light on the many brain disorders in which this biological system is involved.--