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Altri autori (Persone)	SpinelleDiane E
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Nota di contenuto	Hallmarks of Apoptotic-Like Cell Death in Response to Hypoxic Injury in Various Developmental Models are Closely Related to Brain Immaturity / Jean-Luc Daval and Christiane Charriaut-Marlangue -- DNA Damage Response and Apoptosis of Postmitotic Neurons / Inna I. Kruman and Elena I. Schwartz -- Tissue, Period- and Site-Specificity of Somatic DNA Recombination in the Genomic Region, BC-1 / Toyoki Maeda [and others] -- Highlights in Understanding White Matter Ischemia / James J.P. Alix and Michael G. Salter -- Applications of Diffusion Tractography to the Study of Human Cognitive Functions / Emi Takahashi -- Effects of COX-2 Inhibitors on Brain Diseases / Takako Takemiyama and Kanato Yamagata -- Neuro-Physiological Studies in Creutzfeldt-Jakob's Disease / J.J. Ortega-Albas and A.L. Serrano-Garcia -- Neurofilament Proteins in Brain Diseases / Olivier Braissant -- Segmentation Propagation from Deformable Atlases for Brain Mapping and Analysis / Marius George Linguraru [and others] -- Brain Mapping Alterations in Strabismus / Martin Gallegos-Duarte, Hector F. Rubio-Chevannier, and Jorge Mendiola-Santibanez -- Endovascular Brain Mapping: A Strategy for Intraoperative Visualization of Brain Parenchyma Functionality / H. Charles Manning [and others] -- The Brain's Neuroprotective and Proapoptotic Effects of Aspirin - A Review / Yair Lampl -- Regional Differences in Neonatal Sleep Electroencephalogram / Karel Paul [and others] -- Handedness of

Children Determines Preferential Facial and Eye Movements Related to Hemispheric Specialization / Carmina Arteaga and Adrian Poblano -- Intact Environmental Habituation and Epinephrine-Induced Enhancement of Memory Consolidation for a Novel Object Recognition Task in Pre-Wenling Sprague-Dawley Rats / Robert W. Flint, Shelby Hickey and Maryann Dobrowolski ; reviewed by Matthew Anderson.

Sommario/riassunto

The brain's vast array of responsibilities includes the regulation of all physical movements, memory, learning and emotions, as well as the reception and interpretation of all sensory inputs. These numerous responsibilities require the facility of a very complex organ, and the brain is complex, to say the least. The brain's complexity provides a constant challenge for scientists to explore new theories. This book presents and discusses topical data in the field of brain research, with a particular emphasis placed on brain mapping and diseases. --
Publisher