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| ISBN                    | 0-19-029434-5<br>0-19-804180-2<br>1-4294-9115-9<br>1-281-16319-8<br>9786611163198<br>0-19-530626-0   |
| Descrizione fisica      | 1 online resource (525 p.)   |
| Collana                 | Adolescent Mental Health Initiative  |
| Altri autori (Persone)  | RomerDaniel <1946-><br>WalkerElaine F  |
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| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | The developing brain and adolescent-typical behavior patterns: an evolutionary approach / Linda Spear -- Competence, resilience, and development in adolescence: clues for prevention science / Ann S. Masten -- Mapping adolescent brain maturation using structural magnetic resonance imaging / Elizabeth R. Sowell, Paul M. Thompson, and Arthur W. Toga -- The metamorphosis: individuation of the adolescent brain / Don M. Tucker and Lyda Moller -- Transcriptional regulation in schizophrenia / Scott E. Hemby and Joann A. O'Connor -- Stress effects on the developing brain / Megan R. Gunnar -- Maternal programming of defensive responses through sustained effects on gene expression / Michael J. Meaney -- Neuropeptides and the development of social behaviors: implications for adolescent |

psychopathology / Karen L. Bales and C. Sue Carter -- The effects of early deprivation on brain-behavioral development: the Bucharest early intervention project / Charles A. Nelson III, Charles H. Zeanah, and Nathan A. Fox -- Social stress, affect, and neural function in adolescence / Erin B. McClure and Daniel S. Pine -- Stress-induced pathophysiology within the schizophrenia patient brain: a model for the delayed onset of psychosis and its circumvention by anxiolytic agents / Anthony A. Grace -- Neurohormones, neurodevelopment, and the prodrome of psychosis in adolescence / Elaine F. Walker, Amanda McMillan, and Vijay Mittal --

The adolescent surge in depression and emergence of gender differences: a biocognitive vulnerability-stress model in developmental context / Lauren B. Alloy and Lyn Y. Abramson -- Early identification and prevention of early-onset bipolar disorder / Kiki Chang, Kim Gallelli, and Meghan Howe -- Resilience and vulnerability to trauma: psychobiological mechanisms / Nicole S. Cooper ... [et al.] -- The developing adolescent brain in socioeconomic context / Martha J. Farah, Kimberly G. Noble, and Hallam Hurt -- Brain development as a vulnerability factor in the etiology of substance abuse and addiction / Charles P. O'Brien -- Modifying brain networks underlying self-regulation / M. Rosario Rueda ... [et al.] -- The BrainWise curriculum: neurocognitive development intervention program / Patricia Gorman Barry and Marilyn Welsh -- The role of preventive interventions in enhancing neurocognitive functioning and promoting competence in adolescence / Mark T. Greenberg, Nathaniel R. Riggs, and Clancy Blair.

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#### Sommario/riassunto

Recent advances in our understanding of the human brain suggest that adolescence is a unique period of development during which both environmental and genetic influences can leave a lasting impression. To advance the goal of integrating brain and prevention science, two areas of research which do not usually communicate with one another, the Annenberg Public Policy Center's Adolescent Risk Communication Institute held a conference with the purpose of producing an integrated volume on this interdisciplinary area. Presenters/chapter contributors were asked to address two questions: What neurodev

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