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| Altri autori (Persone)  | HoferScott M<br>AlwinDuane F <1944-> (Duane Francis)  |
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| Nota di bibliografia    | Includes bibliographical references and indexes.  |
| Nota di contenuto       | Opportunities and challenges for interdisciplinary research / Duane F. Alwin and Scott M. Hofer -- Integrative theoretical perspectives -- Theoretical approaches to the study of cognitive aging : an individual-differences perspective / Christopher Hertzog -- Integrative perspectives on cognitive aging: measurement and modeling with mixtures of psychological and biological variables / Keith F. Widaman -- Population processes and cognitive aging / Duane F. Alwin, Ryan J. McCammon, Linda A. Wray, and Willard L. Rodgers -- Consequences of the ergodic theorems for classical test theory, factor analysis, and the analysis of developmental processes / Peter C.M. Molenaar -- The missing person : some limitations in the contemporary study of |

cognitive aging / Dale Dannefer and Robin Shura Patterson -- Dimensions of cognitive aging -- Challenges in attention : measures, methods, and applications / Joan M. McDowd and Lesa Hoffman -- Everything we know about aging and response times : a meta-analytic integration / Paul Verhaeghen and John Cerella -- Age-related changes in memory / Susan R. Old and Moshe Naveh-Benjamin -- Prospective memory and aging : old issues and new questions / Mark M. McDaniel and Gilles O. Einstein -- Dimensions of cognitive aging : executive function and verbal fluency / Susan Kemper and Joan M. McDowd -- Executive function in cognitive, neuropsychological and clinical aging / Mary A. Luszcz and Anna P. Lane -- Everyday problem solving in context / Cynthia Berg -- Individual differences in verbal learning in old age / Daniel Zimprich, Mike Martin, and Philippe Rast -- Expertise and knowledge / Neil Charness and Ralf Krampe -- Biological indicators and health-related processes -- Integrating health into cognitive aging research and theory : quo vadis? / Avron Spiro III and Christopher B. Brady -- Cognitive change and compromised health in late life / Valgeir Thorvaldsson, Scott M. Hofer, Linda Hassing, and Boo Johansson -- Neurological factors in cognitive aging / Robert Wilson -- Imaging aging / Scott M. Hayes and Roberto Cabeza -- Cognitive aging and biomarkers : what do we know and where to from here? / Kaarin Anstey -- Assessing the relationship of cognitive aging and processes of dementia / Gwenith Fisher, Brenda I. Plassman, Steven G. Heeringa, and Kenneth M. Langa -- Historical processes and cultural differences -- Aging, culture, and cognition / Denise Park -- Historical processes and patterns of cognitive aging / K. Warner Schaie -- Minority populations and cognitive aging / Keith Whitfield and Adrienne Aiken -- Race, culture, education, and neuropsychological test performance / Jennifer Manly -- Social structure and cognitive aging / Duane F. Alwin -- Longitudinal measurement and analysis -- Integrative analysis of longitudinal studies on aging : collaborative research networks, meta-analysis, and optimizing future studies / Andrea M. Piccinin and Scott M. Hofer -- The multiple facets of change : implications for modeling relationships in cognitive aging research / Martin Sliwinski -- Considerations for sampling time in research on aging : examples from research on stress and cognition / Shevaun Neupert, Robert Stawski, and David Almeida -- Alternative methods for assessing cognition in large-scale surveys / Margie E. Lachman and Patricia Tun -- Unobtrusive measurement of cognition and physical activity / Misha Pavel and Holly Jimison -- Integrative perspectives on cognitive aging -- Animal models of cognitive aging / Gerald E. McClearn and David A. Blizard -- Gene and environmental influences on cognitive change / Chandra Reynolds -- Does participation in cognitive and physical lifestyle activities buffer age-related cognitive decline? / Brent Small -- The added value of an applied perspective in cognitive gerontology / Matthias Kliegel and Mareike Altgassen -- Social resources and cognitive function in older adults / Lisa L. Barnes, Kathleen A. Cagney, and Carlos F. Mendes de Leon -- Social context and cognition / Fredda Blanchard-Fields, Michelle Horhota, and Andrew Mienaltowski -- Dyadic cognition in old age : paradigms, findings, and directions / Mike Martin and Melanie Wight -- Lifespan influences on cognitive aging : evidence for antecedents and predictors from midlife / Sherry Willis -- Future directions for research on cognitive aging -- The future of cognitive aging research / Scott M. Hofer and Duane F. Alwin.

## Sommario/riassunto

This handbook focuses on the multidisciplinary integration of work on cognitive aging, thus bringing together the widest possible range of perspectives. It examines limitations of the extant literature, particularly with respect to research design and measurement, and

offers new suggestions to guide future research.

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