1. Record Nr. UNISOBE600200036726

Autore	Márquez Rowe, Ignacio
Titolo	The Royal Deeds of Ugarit : A Study of Ancient Near Eastern Diplomatics / Ignacio Márquez Rowe
Pubbl/distr/stampa	Münster, : Ugarit-Verlag, 2006
Descrizione fisica	336 p. : ill. ; 25 cm
Collana	Alter Orient und Altes Testament ; 335
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910963813103321

Titolo	Handbook of the biology of aging / / editors, Edward J. Masoro and Steven N. Austad
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier Academic Press, c2006
ISBN	1-280-92693-7 9786610926930 0-08-049140-5
Edizione	[6th ed.]
Descrizione fisica	1 online resource (681 p.)
Collana	The handbooks of aging
Altri autori (Persone)	MasoroEdward J AustadSteven N. <1946->
Disciplina	612.6/7
Soggetti	Aging - Physiological aspects Aging - physiology Handbook
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and indexes.
Nota di contenuto	Front Cover; Handbook of The Biology of Aging; Copyright Page; Contents; Contributors; Foreword; Preface; About the Editors; Section I.

Conceptual and Technical Issues; Chapter 1. Reliability Theory of Aging and Longevity; I. Introduction; II. General Overview of the Reliability Theory Approach; III. Mortality, Failure, and Aging in Biological and Technical Systems; IV. Explanations of Aging Phenomena Using Reliability Theory; V. The Idea of High Initial Damage Load: The HIDL Hypothesis; VI. Reliability Models of Aging for Biological Systems; VII. Evolution of Species Reliability
VIII. ConclusionsReferences; Chapter 2. Are Age-Associated Diseases an Integral Part of Aging?; I. Introduction; II. Concepts of Biological Gerontology; III. Age-Associated Diseases; IV. Primary Aging, Secondary Aging, and "Normal Aging"; V. Evolutionary Theory and Age-Associated Diseases; VI. Analysis of Two Major Age-Associated Disease Processes; VII. Summary and Conclusions; References; Chapter 3. Dietary Restriction, Hormesis, and Small Molecule Mimetics; I. Introduction; II. Key Discoveries; III. Physiological Effects of DR on Mammals; IV. Mechanisms of DR; V. Small-Molecule CR Mimetics
VI. ConclusionsReferences; Chapter 4. Hematopoietic Stem Cells, Aging, and Cancer; I. Stem Cells; II. Stem Cell Aging; III. Stem Cells and Cancer; IV. Conclusions; References; Chapter 5. Mitochondria: A Critical Role in Aging; I. The Mitochondrion; II. Evidence for Increased Oxidative Damage to Mitochondrial Components with Age; III. Mitochondrial Dysfunction and Aging; IV. Mitochondrial Dysfunction and Age-Associated Disease; V. Conclusions; References; Chapter 6. p53 and Mouse Aging Models; I. Introduction to p53; II. p53 and Cellular Senescence
III. Linkage of IGF-1, Sir2, and p53 SignalingIV. Mouse Models of Aging; V. Mouse Models of Accelerated Aging; VI. Mouse Models of Delayed Aging; VII. Links to p53 in Mouse Aging Models; VIII. Mutant Mouse p53 Models, Aging, and Cancer; IX. Influence of p53 on Longevity in Humans; X. How Might p53 Influence Organismal Aging?; References; Chapter 7. Complex Genetic Architecture of Drosophila Longevity; I. Introduction; II. Genome Scan for Quantitative Trait Loci (QTLs); III. Deficiency Complementation Mapping; IV. Complementation Tests to Mutations at Positional Candidate Genes
V. Linkage Disequilibrium (LD) MappingVI. Conclusions and Future Prospects; References; Chapter 8. Evolutionary Biology of Aging: Future Directions; I. Introduction; II. Genetics of Senescence; III. From Physiology to Demography; IV. Parasites and Immune Function; V. Sex, Sexual Selection, and Sexual Conflict; VI. Genetic Variation in Natural Populations; VII. Conclusions; References; Chapter 9. Senescence in Wild Populations of Mammals and Birds; I. Introduction; II. Evidence of Senescence in Wild Populations; III. Patterns of Senescence
IV. Methodological Difficulties in Evaluating Senescence in Wild Populations

Sommario/riassunto

The Handbook of the Biology of Aging, Sixth Edition, provides a comprehensive overview of the latest research findings in the biology of aging. Intended as a summary for researchers, it is also adopted as a high level textbook for graduate and upper level undergraduate courses. The Sixth Edition is 20% larger than the Fifth Edition, with 21 chapters summarizing the latest findings in research on the biology of aging. The content of the work is virtually 100% new. Though a selected few topics are similar to the Fifth Edition, these chapters are authored by new contributors with new info

3. Record Nr. UNINA9910300106003321

Autore	Cioranescu Doina
Titolo	The Periodic Unfolding Method : Theory and Applications to Partial Differential Problems / / by Doina Cioranescu, Alain Damlamian, Georges Griso
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-13-3032-8
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (513 pages)
Collana	Contemporary mathematics, , 2364-009X ; ; 3 , 0271-4132
Disciplina	515.35
Soggetti	Differential equations, Partial Mechanics, Applied Partial Differential Equations Theoretical and Applied Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Unfolding operators in fixed domains -- Advanced topics for unfolding -- Homogenization in fixed domains -- Unfolding operators in perforated domains -- Homogenization in perforated domains -- A Stokes problem in a partially porous medium -- Partial unfolding: a brief primer -- Oscillating boundaries -- Unfolding operators: the case of "small holes" -- Homogenization in domains with "small holes" -- Homogenization of an elastic thin plate -- The scale-splitting operators revisited -- * Strongly oscillating nonhomogeneous Dirichlet condition -- Some sharp error estimates.
Sommario/riassunto	This is the first book on the subject of the periodic unfolding method (originally called "éclatement périodique" in French), which was originally developed to clarify and simplify many questions arising in the homogenization of PDE's. It has since led to the solution of some open problems. Written by the three mathematicians who developed the method, the book presents both the theory as well as numerous examples of applications for partial differential problems with rapidly oscillating coefficients: in fixed domains (Part I), in periodically perforated domains (Part II), and in domains with small holes generating a strange term (Part IV). The method applies to the case of

multiple microscopic scales (with finitely many distinct scales) which is connected to partial unfolding (also useful for evolution problems). This is discussed in the framework of oscillating boundaries (Part III). A detailed example of its application to linear elasticity is presented in the case of thin elastic plates (Part V). Lastly, a complete determination of correctors for the model problem in Part I is obtained (Part VI). This book can be used as a graduate textbook to introduce the theory of homogenization of partial differential problems, and is also a must for researchers interested in this field.