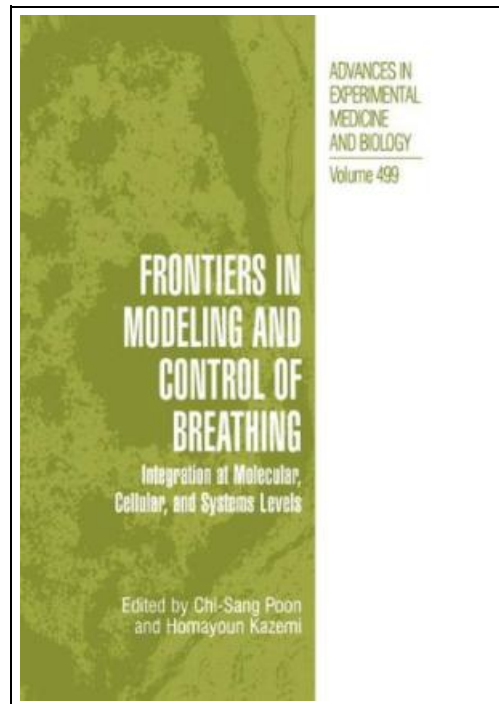


Frontiers in Modeling and Control of Breathing



Filesize: 9.15 MB

Reviews

Most of these publication is the greatest publication offered. It is actually rally intriguing through reading period of time. You can expect to like just how the article writer create this publication.

(Eddie Schuppe)

FRONTIERS IN MODELING AND CONTROL OF BREATHING

[DOWNLOAD PDF](#)

Book Condition: New. Publisher/Verlag: Springer, Berlin | Integration at Molecular, Cellular, and Systems Levels | The field of neural control of breathing has advanced rapidly in the past two decades, with the emergence of many new and promising research directions of increasing sophistication. The complexity and diversity of the current methodologies signify its remarkable vivacity, albeit at the price of much confusion. Captured in this book are the broad and intricate nature of the field and its multifaceted frontiers, including aspects of genetics, cell and molecular biology, comparative biology, neurophysiology, neurochemistry, neuroanatomy, imaging, human physiology in health and disease, and influence of environmental factors. Major topics include chemosensitivity, respiratory sensation, respiratory neurons, rhythmogenesis, plasticity, development, chemoreflex and exercise, respiratory instability and variability with behavioral and sleep states, etc., which are systematically laid out in the book for easy referencing. | Preface. Acknowledgements. Oxford Conference: The Past, Present and Future. 1. Remembrance of Oxford's Conferences Past; B.J. Whipp. 2. Workshop on Modeling in the 21st Century. An Executive Summary; VIII Oxford Conference Panel on Biomedical Modeling. Central and Peripheral Chemoreceptors. 3. Central Respiratory Chemosensitivity: Cellular and Network Mechanisms; D. Ballantyne, P. Scheid. 4. Chemoreception and Tonic Drive in the Retrotrapezoid Nucleus (RTN) Region of the Awake Rat: Bicuculline and Muscimol Dialysis in the RTN; E.E. Nattie. 5. Chronic Intermittent Hypoxia Enhances Carotid Body Chemoreceptor Response to Low Oxygen; Y. Peng, et al. 6. Neurotransmitter Release from the Rabbit Carotid Body: Differential Effects of Hypoxia on Substance P and Acetylcholine Release; D.-K. Kim, et al. 7. Muscarinic Receptors Influence Catecholamine Release from the Cat Carotid Body during Hypoxia; H.-Y.J. Wang, R.S. Fitzgerald. 8. Pharmacological and Immunochemical Evidence of the Dopamine D3 Receptor in the Goat Carotid Body; Z.-Y. Wang, et al. 9. The Excitatory Effect of Nitric Oxide on Carotid Body Chemoreception...

[Read Frontiers in Modeling and Control of Breathing Online](#)[Download PDF Frontiers in Modeling and Control of Breathing](#)

See Also



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read Document](#)

»



Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read Document](#)

»



The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she...

[Read Document](#)

»



Leila: Further in the Life and Destinies of Darcy Dancer, Gentleman (Donleavy, J. P.)

Atlantic Monthly Press. PAPERBACK. Book Condition: New. 0871132885 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship...

[Read Document](#)

»



Children s Rights (Dodo Press)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 226 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author...

[Read Document](#)

»