

Olfaction: A Model System for Computational Neuroscience



Filesize: 4.04 MB

Reviews

A whole new e book with a brand new standpoint. I have read through and i also am certain that i am going to planning to read again yet again later on. I found out this book from my i and dad advised this pdf to learn.

(Audrey Lowe I)

OLFACTION: A MODEL SYSTEM FOR COMPUTATIONAL NEUROSCIENCE



Bradford Book. Paperback. Book Condition: New. Paperback. 331 pages. Dimensions: 9.9in. x 7.1in. x 0.7in. Computational neuroscientists have recently turned to modeling olfactory structures because these are likely to have the same functional properties as currently popular network designs for perception and memory. This book provides a useful survey of current work on olfactory system circuitry, including connections of this system to brain structures involved in cognition and memory, and describes the computational models of olfactory processing that have been developed to date. Contributions cover empirical investigations of the neurobiology of the olfactory systems (anatomy, physiology, synaptic plasticity, behavioral physiology) as well as the application of computer models to understanding these systems. Fundamental issues in olfactory processing by the nervous systems such as experimental strategies in the study of olfaction, stages of odor processing, and critical questions in sensory coding are considered across empirical/applied boundaries and throughout the contributions. Joel L. Davis is Program Manager of the Biological Intelligence Section at the Office of Naval Research. Howard Eichenbaum is Professor of Biological Sciences at Wellesley College. Contributors: I. Fundamental Anatomy, Physiology, and Plasticity of the Olfactory System. Gordon M. Shepherd. John S. Kauer, S. R. Neff, Kathryn A. Hamilton, and Angel R. Cinelli. Kevin L. Ketchum, Lewis B. Haberly. Joseph L. Price, S. Thomas Carmichael, Ken M. Carnes, MarieChristine Clugnet, Masaru Kuroda, and James P. Ray. Michael Leon, Donald A. Wilson, and Kathleen M. Guthrie. Gary Lynch and Richard Granger. Howard Eichenbaum, Tim Otto, Cynthia Wible, and Jean Piper. II. Developments in Computational Models of the Olfactory System. DeLiang Wang, Joachim Buhmann, and Christoph von der Malsburg. Walter Freeman. Richard Granger, Ursula Staubli, Jos Ambrose-Ingersoll, and Gary Lynch. James M. Bower. Dan Hammerstrom and Eric Means. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



[Read Olfaction: A Model System for Computational Neuroscience Online](#)



[Download PDF Olfaction: A Model System for Computational Neuroscience](#)

Other Books



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs...

[Save ePub »](#)



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Save ePub »](#)



Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

[Save ePub »](#)



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...

[Save ePub »](#)



DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in. This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured...

[Save ePub »](#)