



Sensory Systems: Anatomy and Physiology, Second Edition

By Aage Moller

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. Sensory Systems covers all five senses with detailed information about the anatomy and function. This includes the basic function of sensory receptors and the structures that conduct the sensory stimuli to the receptors, as well as the neurophysiologic basis for sensory processing. The book enlarges on the classical pathways for sensory information and the non-classical pathways and their role under normal and pathologic conditions. Topics include parallel processing, stream segregation and the dynamic nature of sensory processing, together with the different targets for sensory information such as the emotional brain. New developments in neurosciences such as the findings that sensory stimulation engages many areas of the brain that were earlier not regarded to be activated by sensory stimuli are covered in the book. The recent findings that connections in the central nervous system are dynamic and play important roles for normal and pathologic functions of sensory nervous systems are also discussed. A discussion of neural plasticity and its role in processing of sensory signal completes the text. Dr. AAGE R. MLLER is the Distinguished Lecture in Behavioral and Brain Sciences and in Margaret Fonde Jonsson Endowed Professor, he...



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