



The Frontal Lobes and Voluntary Action (Oxford Psychology Series)

By Richard Passingham

[Download now](#)

[Read Online](#) 

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham

This book succinctly demonstrates how the brain's frontal lobe is specialized for directing voluntary action. Using data from monkeys, neurological patients, and normal subjects, the author presents a flow diagram of frontal lobe operations at the systems level. Topics include the various definitions of the term "voluntary" in a neuropsychological context, how the motor cortex provides a mechanism for the execution of voluntary behavioral actions, and how the premotor areas play a role in the selection of the movements to be performed. The text also shows how the prefrontal cortex is engaged when the subject has to make new voluntary decisions, and how the basal ganglia play a critical role in response learning. The author considers how, in humans, the prefrontal cortex has been refined to allow for trial-and-error decision making, and how the premotor and prefrontal areas select between verbal responses. Psychologists, neuropsychologists, and neurophysiologists will all want to read this pathbreaking book.

 [Download The Frontal Lobes and Voluntary Action \(Oxford Psy ...pdf](#)

 [Read Online The Frontal Lobes and Voluntary Action \(Oxford P ...pdf](#)

The Frontal Lobes and Voluntary Action (Oxford Psychology Series)

By Richard Passingham

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham

This book succinctly demonstrates how the brain's frontal lobe is specialized for directing voluntary action. Using data from monkeys, neurological patients, and normal subjects, the author presents a flow diagram of frontal lobe operations at the systems level. Topics include the various definitions of the term "voluntary" in a neuropsychological context, how the motor cortex provides a mechanism for the execution of voluntary behavioral actions, and how the premotor areas play a role in the selection of the movements to be performed. The text also shows how the prefrontal cortex is engaged when the subject has to make new voluntary decisions, and how the basal ganglia play a critical role in response learning. The author considers how, in humans, the prefrontal cortex has been refined to allow for trial-and-error decision making, and how the premotor and prefrontal areas select between verbal responses. Psychologists, neuropsychologists, and neurophysiologists will all want to read this pathbreaking book.

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham

Bibliography

- Sales Rank: #2896442 in Books
- Published on: 1995-08-31
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1
- Dimensions: 9.13" h x .71" w x 6.13" l, 1.00 pounds
- Binding: Paperback
- 328 pages

 [Download The Frontal Lobes and Voluntary Action \(Oxford Psy ...pdf](#)

 [Read Online The Frontal Lobes and Voluntary Action \(Oxford P ...pdf](#)

Download and Read Free Online The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham

Editorial Review

Review

"Dr. Passingham does an admirable job of bridging basic aspects of movement to higher order behavior in the real world and laboratory....A major strength is parallel discussion of animal research...human lesion studies, functional neuroimaging, and physiological studies...The illustrations are helpful and well integrated with the text....The highlight of the book is the excellent discussion of physiological investigations, and lesion studies, in nonhuman primates....I would recommend this book to anyone interested in an affordable introduction to the role of the frontal lobes in motor behavior...This book will remain valuable because of its unique integration of disparate areas of research."--Richard Camicioli, *JINS*

About the Author

R. E. Passingham is at University of Oxford.

Users Review

From reader reviews:

Kim Bartlett:

This The Frontal Lobes and Voluntary Action (Oxford Psychology Series) book is not ordinary book, you have after that it the world is in your hands. The benefit you obtain by reading this book is definitely information inside this e-book incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. That The Frontal Lobes and Voluntary Action (Oxford Psychology Series) without we comprehend teach the one who looking at it become critical in considering and analyzing. Don't possibly be worry The Frontal Lobes and Voluntary Action (Oxford Psychology Series) can bring when you are and not make your handbag space or bookshelves' turn into full because you can have it in your lovely laptop even mobile phone. This The Frontal Lobes and Voluntary Action (Oxford Psychology Series) having good arrangement in word and layout, so you will not experience uninterested in reading.

Na Urquhart:

This The Frontal Lobes and Voluntary Action (Oxford Psychology Series) tend to be reliable for you who want to be described as a successful person, why. The main reason of this The Frontal Lobes and Voluntary Action (Oxford Psychology Series) can be one of many great books you must have will be giving you more than just simple looking at food but feed a person with information that perhaps will shock your earlier knowledge. This book is usually handy, you can bring it almost everywhere and whenever your conditions in the e-book and printed types. Beside that this The Frontal Lobes and Voluntary Action (Oxford Psychology Series) forcing you to have an enormous of experience for example rich vocabulary, giving you test of critical thinking that we all know it useful in your day task. So , let's have it appreciate reading.

Tom Salgado:

Playing with family in a very park, coming to see the water world or hanging out with good friends is thing that usually you have done when you have spare time, in that case why you don't try issue that really opposite from that. One particular activity that make you not sense tired but still relaxing, trilling like on roller coaster you already been ride on and with addition details. Even you love The Frontal Lobes and Voluntary Action (Oxford Psychology Series), you can enjoy both. It is excellent combination right, you still desire to miss it? What kind of hang-out type is it? Oh can occur its mind hangout fellas. What? Still don't have it, oh come on its called reading friends.

Floyd Brown:

Beside this specific The Frontal Lobes and Voluntary Action (Oxford Psychology Series) in your phone, it could give you a way to get closer to the new knowledge or data. The information and the knowledge you may got here is fresh from oven so don't possibly be worry if you feel like an previous people live in narrow community. It is good thing to have The Frontal Lobes and Voluntary Action (Oxford Psychology Series) because this book offers to you personally readable information. Do you oftentimes have book but you would not get what it's all about. Oh come on, that wil happen if you have this within your hand. The Enjoyable agreement here cannot be questionable, similar to treasuring beautiful island. So do you still want to miss it? Find this book as well as read it from at this point!

Download and Read Online The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham #I87BWP1VE5Y

Read The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham for online ebook

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham books to read online.

Online The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham ebook PDF download

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham Doc

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham MobiPocket

The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham EPub

I87BWP1VE5Y: The Frontal Lobes and Voluntary Action (Oxford Psychology Series) By Richard Passingham