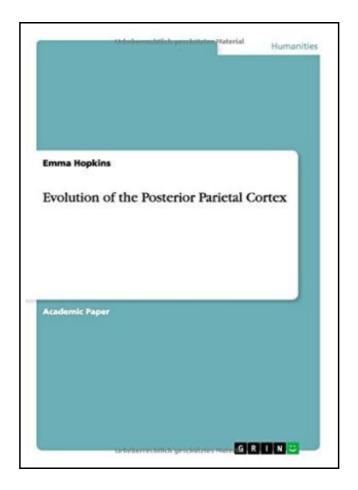
Evolution of the Posterior Parietal Cortex



Filesize: 8.36 MB

Reviews

Here is the finest ebook i have got read until now. It really is simplistic but excitement within the 50 percent in the book. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Lupe Connelly)

EVOLUTION OF THE POSTERIOR PARIETAL CORTEX



GRIN Verlag Gmbh Okt 2014, 2014. Taschenbuch. Book Condition: Neu. 211x151x9 mm. Neuware - Academic Paper from the year 2012 in the subject Psychology - Biological Psychology, grade: BSc, Royal Holloway, University of London (Psychology department), course: Psychology, language: English, abstract: The following paper investigates evolutionary changes in the primate brain; specifically the Posterior Parietal Cortex. Changes in volume are observed and consideration toward possible species-specific behaviours are discussed. Current research on the Posterior parietal cortex in primates has difficulty accommodating the inferior parietal lobule (Husain & Nachev, 2007). In this study neuroanatomical data from human and non human primates is used to investigate the evolutionary changes in the primate posterior parietal cortex (PPC); specifically the Inferior parietal area. All species were tested using three different investigations. One investigation included comparing the whole volume of the PPC against the volume of the whole cortex, a second comparing the volumes of the internal subdivisions of the PPC, more precisely the superior parietal lobule (SPL) and the inferior parietal lobule (IPL) against the volume of the whole PPC. The third investigation involves comparing the volume of individual structures against the volume of their respective hemispheres (e.g. the left hemisphere of the SPL against the volume of the entire SPL). 27 in vivo primate brain scans were analyzed in total using MRI scans from six different species including humans, great apes and monkeys. Image analysis software was used to calculate total brain volumes. Allometric regression analysis was used to compare the relative volumes of brain structures across species, in order to determine whether human brain segments corresponded with predicted evolutionary trends based on non-human primate allometric trajectories. Analysis supports the prediction that humans and great apes show an increased volume within in the PPC in comparison to monkeys. Findings did not support this...



Read Evolution of the Posterior Parietal Cortex Online
Download PDF Evolution of the Posterior Parietal Cortex

You May Also Like



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Read ePub »



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

Read ePub »



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

Read ePub »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Read ePub »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Read ePub »