



Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition

By George Paxinos, Keith B.J. Franklin

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In the years since its first publication, *Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates* has received virtually universal acceptance in neuroscience as the authoritative source for stereotaxic coordinates and delineations. This atlas is constructed in the style of *The Rat Brain in Stereotaxic Coordinates*, the most cited publication in neuroscience. The completely revised and updated 4e of *Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates* features high-quality color plates scanned by the renowned microscopy unit of the Allen Institute for Brain Science. Constructed by the leaders in neuroanatomical atlas development, the new edition will maintain the position of the atlas as an indispensable resource for scientists working on the mouse brain.

- 100 coronal diagrams and accompanying photographic plates spaced at 120-m intervals; diagrams completely revised
- 32 sagittal diagrams and accompanying photographic plates; diagrams completely revised
- 30 horizontal diagrams and accompanying photographic plates; diagrams completely revised
- The most accurate and widely used stereotaxic coordinate system
- Nomenclature and abbreviations harmonized with the atlases of the brains of the rat, chick, marmoset, rhesus and human
- Electronic diagrams available to purchasers of this book via booksite.elsevier.com/9780123910578/

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Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition By George Paxinos, Keith B.J. Franklin Bibliography

- Sales Rank: #349983 in Books
- Brand: imusti
- Published on: 2012-11-08
- Original language: English
- Number of items: 1
- Dimensions: .90" h x 11.10" w x 14.00" l, 4.85 pounds
- Binding: Hardcover
- 360 pages

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Editorial Review

From the Back Cover

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About the Author

Professor George Paxinos, AO (BA, MA, PhD, DSc) completed his BA at The University of California at Berkeley, his PhD at McGill University, and spent a postdoctoral year at Yale University. He is the author of almost 50 books on the structure of the brain of humans and experimental animals, including *The Rat Brain in Stereotaxic Coordinates*, now in its 7th Edition, which is ranked by Thomson ISI as one of the 50 most cited items in the Web of Science. Dr. Paxinos paved the way for future neuroscience research by being the first to produce a three-dimensional (stereotaxic) framework for placement of electrodes and injections in the brain of experimental animals, which is now used as an international standard. He was a member of the first International Consortium for Brain Mapping, a UCLA based consortium that received the top ranking and was funded by the NIMH led Human Brain Project. Dr. Paxinos has been honored with more than nine distinguished awards throughout his years of research, including: The Warner Brown Memorial Prize (University of California at Berkeley, 1968), The Walter Burfitt Prize (1992), The Award for Excellence in Publishing in Medical Science (Assoc Amer Publishers, 1999), The Ramaciotti Medal for Excellence in Biomedical Research (2001), The Alexander von Humboldt Foundation Prize (Germany 2004), and more.

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This Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition book is not really ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book is actually information inside this reserve incredible fresh, you will get data which is getting deeper you actually read a lot of information you will get. That Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition without we recognize teach the one who studying it become critical in imagining and analyzing. Don't always be worry Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition can bring any time you are and not make your tote space or bookshelves' turn out to be full because you can have it with your lovely laptop even phone. This Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition having great arrangement in word and also layout, so you will not truly feel uninterested in reading.

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