

neuroscience textbook pdf

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Neuroscience | Science News

Neuroscience A spot in the base of the brain has a love of language Brain scans show a spot in the cerebellum attuned specifically to words, expanding on studies that point to the region's ...

Neuroscience's roots make exciting and terrifying futures possible ...

Three visions of the future of neuroscience reveal the ways we might one day expand, link and heal our brains.

Here's what lucid dreamers might tell us about our sleeping minds

Here's what lucid dreamers might tell us about our sleeping minds Dreams are one of the most universal yet elusive human experiences

More brainlike computers could change AI for the better

New brain-inspired hardware, architectures and algorithms could lead to more efficient, more capable forms of AI.

A cell biologist is investigating the balance of brain flexibility ...

Andrea Gomez, a Berkeley molecular and cell biologist, applies her wide-ranging curiosity to brains' mysteries ranging from synapses to psychedelics.

Pregnancy overhauls the brain. Here's what that looks like

Neuroscientist Liz Chrostil's brain scans before, during and after pregnancy are providing the first view of a mom-to-be's structural brain changes.

'Silent' cells play a surprising role in how brains work

New studies show that astrocytes, long thought to be support cells in the brain, are crucial intermediaries for relaying messages to neurons.

Seeing sick faces may prime the immune system to repel invaders

Seeing sick-looking faces in virtual reality triggers brain circuit changes related to threat detection and boosts activity of certain immune cells.

The heart plays a hidden role in our mental health - Science News

Deciphering the messages that the heart sends to the brain could lead to new anxiety treatments and even unlock the secrets of consciousness.

How Hans Berger's quest for telepathy spurred modern brain science

In the 1920s, psychiatrist Hans Berger invented EEG and discovered brain waves — though not long-range signals.