



COVER Magnetic resonance image of the human brain, showing activation of the visual cortex. Regional changes in cerebral blood volume were measured during photic stimulation and reflect the task-induced changes in neuronal activity. The area of activated visual cortex (color) is mapped onto the three-dimensional anatomical structure (gray). This combined imaging method may be used in routine clinical examinations, permitting noninvasive high-resolution mapping of cortical function. See page 716. Other neuroscience reports pages 719 to 729. [Illustration courtesy of the Massachusetts General Hospital-NMR Center]

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