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Beyond sensory substitution-learning the sixth sense.

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Nagel SK, Carl C, Kringe T, Martin R, König P
J Neural Eng 2005 Dec **2**(4):R13-26 [[abstract on PubMed](#)]
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Extensive cortical rewiring after brain injury.

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Dancause N, Barbay S, ..., Stowe AM, Nudo RJ
J Neurosci 2005 Nov 2 **25**(44):10167-79
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Attention modulates the responses of simple cells in monkey primary visual cortex.

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McAdams CJ, Reid RC
J Neurosci 2005 Nov 23 **25**(47):11023-33
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Declarative memory, awareness, and transitive inference.

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Smith C, Squire LR
J Neurosci 2005 Nov 2 **25**(44):10138-46
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- Dopamine modulation of phasing of activity in a rhythmic motor network: contribution of synaptic and intrinsic modulatory actions.**
Johnson BR, Schneider LR, Nadim F, Harris-Warrick RM
J Neurophysiol 2005 Nov **94**(5): 3101-11
[abstract on PubMed] [related articles] [order article]
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-  **Recommended**
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- Autologous olfactory ensheathing cell transplantation in human spinal cord injury.**
Féron F, Perry C, ..., Geraghty T, Mackay-Sim A
Brain 2005 Oct 11 [abstract on PubMed] [related articles]
- Selected by** | James Fawcett
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-  **Must Read**
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- Corneal keratocytes retain neural crest progenitor cell properties.**
Lwigale PY, Cressy PA, Bronner-Fraser M
Dev Biol 2005 Dec 1 **288**(1):284-93 [abstract on PubMed]
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-  **Must Read**
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- Confirmation
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- No automatic pilot for visually guided aiming based on colour.**
Cressman EK, Franks IM, Enns JT, Chua R
Exp Brain Res 2005 Nov 24 1-10 [abstract on PubMed]
[related articles]
- Selected by** | Melvyn Goodale
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-  **Must Read**
F1000 Factor **6.0**
-  Tech Advance
- Prediction and Decoding of Retinal Ganglion Cell Responses with a Probabilistic Spiking Model.**
Pillow JW, Paninski L, Uzzell VJ, Simoncelli EP, Chichilnisky EJ
J Neurosci 2005 Nov 23 **25**(47):11003-11013
[abstract on PubMed] [related articles] [order article]
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10



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Hippocampal sequence-encoding driven by a cortical multi-item working memory buffer.

Jensen O, Lisman JE

Trends Neurosci 2005 Feb **28**(2):67-72
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