

Gregor Rainer Publication List

Rauch, A., G. Rainer and N. K. Logothetis: The Effect Of A Serotonin Induced Dissociation Between Spiking And Perisynaptic Activity On BOLD fMRI. PNAS in press (03 2008)

Nielsen, K., N. K. Logothetis and G. Rainer: Object features used by humans and monkeys to identify rotated shapes. Journal of Vision **8(2): 9**, 1-15 (02 2008)

Rainer, G.: Localizing cortical computations during visual search. Neuron **57**, 480-81 (02 2008)

Rauch, A., G. Rainer, M. Augath, A. Oeltermann and N. K. Logothetis: Pharmacological MRI combined with electrophysiology in non-human primates: Effects of Lidocaine on primary visual cortex. Neuroimage **40**, 590-600 (02 2008)

Rainer, G.: Visual Neuroscience: Computational Brain Dynamics of Face Processing. Current Biology **17(21)**, R933-R934 (11 2007)

Zhang, X., A. Rauch, H. Lee, H. Xiao, G. Rainer and N. K. Logothetis: Capillary hydrophilic interaction chromatography/mass spectrometry for simultaneous determination of multiple neurotransmitters in primate cerebral cortex. Rapid Communications in Mass Spectrometry **21(22)**, 3621-3628 (11 2007)

Nielsen, K. J. and G. Rainer: Object Recognition: Similar Visual Strategies of Birds and Mammals. Current Biology **17(5)**, R174-R176 (03 2007)

Rainer, G.: Behavioral Flexibility and the Frontal Lobe. Neuron **53(3)**, 321-323 (02 2007)

Sigala, R. and G. Rainer: Visual neuroscience: face-encoding mechanisms revealed by adaptation. Current Biology **17(1)**, R20-R22 (01 2007)

Nielsen, K., N. K. Logothetis and G. Rainer: Dissociation between LFP and spiking activity in macaque inferior temporal cortex reveals diagnosticity-based encoding of complex objects. Journal of Neuroscience **26(38)**, 9639-9645 (09 2006)

Nielsen, K. J., N. K. Logothetis and G. Rainer: Discrimination strategies of human and monkey for complex visual displays. Current Biology **16(8)**, 814-820 (04 2006)

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Rainer, G., H. Lee and N.K. Logothetis: The Effect of Learning on the Function of Monkey Extrastriate Visual Cortex. PLoS Biology **2**, 275-284 (2004)

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visual cortical BOLD activity in the anesthetized monkey. *Neuroimage* **16**, 607-616 (2002)

Rainer, G. and Miller, E.K.: Timecourse of object-related neural activity in the primate prefrontal cortex during a short-term memory task. *European Journal of Neuroscience* **15**, 1244-1254 (2002)

Rainer, G. and Ranganath, C.R.: Coding of objects in the prefrontal cortex of humans and monkeys. *The Neuroscientist* **8**, 6-11 (2002)

Rainer, G., M. Augath, T. Trinath and N.K. Logothetis: Nonmonotonic noise tuning of BOLD fMRI signal to natural images in the visual cortex of the anesthetized monkey. *Current Biology* **11**, 846-854 (2001)

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