

Professor J. Driver

Publication List, 1988–2010 (291 in total)

Section One: *A. Original research papers in peer-review journals (215)*
 B. Review articles in peer-review journals (31)

Section Two: *C. Book chapters in edited volumes (34)*
 D. Commentaries (7)
 E. Books (4)

Total citation count (ISI) in April 2010 of 13489, h-index of 64

Section One: A. Original research papers in peer-review journals

1. Bays, P.M., Singh-Curry, V., Gorgoraptis, N., Driver, J., Husain M. (in press). Integration of goal- and stimulus-related visual signals revealed by damage to human parietal cortex. *Journal of Neuroscience*.
2. Nicolle, A., Bach, D.R., Driver, J., & Dolan, R.J. (in press). A role for the striatum in regret-related choice repetition. *Journal of Cognitive Neuroscience*.
3. Huberle, E., Driver, J., & Karnath, H.-O. (in press). Retinal versus physical stimulus size as determinants of visual perception in simultanagnosia. *Neuropsychologia*.
4. Kristjansson, A., Sugurjonsdottir, O., & Driver, J. (in press). Fortune and reversals of fortune in visual search: Reward contingencies for pop-out targets affect search efficiency and target repetition effects. *Attention, Perception & Psychophysics*.
5. Brooks, J., & Driver, J. (in press). Grouping puts figure-ground assignment in context by constraining propagation of edge-assignment. *Attention, Perception & Psychophysics*.
6. Blankenburg, F., Ruff, C.C., Bestmann, S., Bjoertomt O., Josephs O., Deichmann R., & Driver J. (in press). Studying the role of human parietal cortex in visuospatial attention with concurrent TMS-fMRI. *Cerebral Cortex*.
7. Eramudugolla, R., Driver, J., Mattingley J.B. (in press). Biased figure-ground assignment affects conscious object recognition in spatial neglect. *Cognitive Neuroscience*.
8. Sarri, M., Ruff, C.C., Rees, G., Driver, J. (in press). Neural correlates of visual extinction or awareness in a series of patients with right temporo-parietal damage. *Cognitive Neuroscience*.

9. Sarri, M., Greenwood, R., Kalra, L., Driver, J. (in press). Prism adaptation does not change the rightward spatial preference bias found with ambiguous stimuli in unilateral neglect despite ameliorating other aspects of neglect. *Cortex*.
10. Rotschtein, P., Richardson, M.P., Winston, J.S., Kiebel, S.J., Vuilleumier, P., Eimer, M., Driver, J., & Dolan, R.J. (in press). Amygdala damage affects event-related potentials for fearful faces at specific time windows. *Human Brain Mapping*.
11. Garrido, L., Furl, N., Draganski, B., Weiskopf, N., Stevens, J., Tan, G., Driver, J., Dolan, R.J., Duchaine, B. (in press). Voxel-Based Morphometry reveals reduced grey matter volume in the temporal cortex of developmental prosopagnosics. *Brain*.
12. Oliver, R., Bjoertomt, O., Driver, J., Greenwood, R., Rothwell, J. (in press). Novel 'hunting' method using transcranial magnetic stimulation over parietal cortex disrupts visuospatial sensitivity in relation to motor thresholds. *Neuropsychologia*.
13. Pleger, P., Ruff, C.C., Blankenburg, F., Klöppel, S., Driver, J., Dolan, R.J. (in press). Influence of dopaminergically mediated reward on somatosensory decision making. *PLoS Biology*.
14. Fairhall, S., Driver, J., Macaluso, E. (in press). The brain network underlying serial visual search: comparing overt and covert spatial orienting, for activations and for effective connectivity. *Cerebral Cortex*.
15. Weiss, E., Driver, J., Eimer, M. (in press). Effects of attentional filtering demands on preparatory ERPs elicited in a spatial cueing task. *Clinical Neurophysiology*.
16. Weiskopf, N., Josephs, O., Ruff, C.C., Blankenburg, F., Featherstone, E., Thomas, A., Bestmann, S., Driver, J., Deichmann, R. (in press) Image artifacts in concurrent transcranial magnetic stimulation (TMS) and fMRI caused by leakage-current: Modelling and compensation. *Journal of Magnetic Resonance Imaging*.
17. Kennett, S., Rorden, C., Husain, M., Driver, J. (in press). Crossmodal visual-tactile extinction: Modulation by posture implicates biased competition in proprioceptively reconstructed space. *Journal of Neuropsychology*.
18. Kiss, M., Driver, J., Eimer, M. (in press). Reward priority of visual target singletons modulates ERP signatures of attentional selection. *Psychological Science*.
19. Ruff, C.C., Driver, J., Bestmann, S. (in press). Combining TMS and fMRI: From 'virtual lesions' to functional-network accounts of cognition. *Cortex*.

20. Bentley, P., Driver, J., Dolan, R.J. (2009). Modulation of fusiform cortex by cholinesterase inhibition predicts effects on subsequent memory. *Brain*, 132, 2356-2371.
21. Geng, J.J., Ruff, C.R., Driver, J. (2009). Saccades to a remembered location elicit spatially-specific activation in human retinotopic visual cortex. *Journal of Cognitive Neuroscience*, 21, 230-245.
22. Sarri, M., Greenwood, R., Kalra, L., Driver, J. (2009). Task-related modulation of visual neglect in cancellation tasks. *Neuropsychologia*, 47, 91-103.
23. Ruff, C.R., Blankenburg, F., Bjoertomt, O., Bestmann, S., Weiskopf, N., Driver, J. (2009). Hemispheric differences in frontal and parietal influences on human occipital cortex: Direct confirmation with concurrent TMS-fMRI. *Journal of Cognitive Neuroscience*.
24. Koch, G., Del Olmo, M.F., Cheeran, B., Schippling, S., Caltagirone, C., Driver, J., Rothwell, J. (2008). Functional interplay between posterior parietal and ipsilateral motor cortex revealed by twin-coil transcranial magnetic stimulation during reach planning toward contralateral space. *Journal of Neuroscience*, 28, 5944-5953.
25. Freeman, E., Driver, J. (2008). Direction of visual apparent motion driven solely by timing of a static sound. *Current Biology*, 18, 1262-1266.
26. Koch, G., Oliveri, M., Cheeran, B., Ruge, D., Lo Gerfo, E., Salerno, S., Torriero, S., Marconi, B., Mori, F., Driver, J., Rothwell, J.C., Caltagirone, C. (2008). Hyperexcitability of parietal-motor functional connections in the intact left-hemisphere of patients with neglect. *Brain*, 131, 3147-3155.
27. Sarri, M., Greenwood R., Kalra, L., Papps, B., Husain, M., Driver, J. (2008). Prism adaptation after-effects in stroke patients with spatial neglect: pathological effects on subjective straight ahead but not visual open-loop pointing. *Neuropsychologia*, 46, 1069-1080.
28. Bentley, P., Driver, J., Dolan, R.J. (2008). Cholinesterase modulates visual and attentional brain responses in Alzheimer's disease and in health. *Brain*, 131, 409-424.
29. Ricciardelli, P., Driver, J. (2008). Effects of head orientation on gaze perception: How positive congruency effects can be reversed. *Quarterly Journal of Experimental Psychology*, 61, 491-504.
30. Sigurdardottir, H.M., Kristjansson, A., Driver, J. (2008). Repetition streaks increase perceptual sensitivity in visual search of brief displays. *Visual Cognition*, 16, 643-658.
31. Ruff, C.C., Bestmann, S., Blankenburg, F., Bjoertomt, O., Josephs, O., Weiskopf, N., Deichmann, R., Driver, J. (2008). Distinct causal influences of

- parietal versus frontal areas on visual cortex: evidence from concurrent TMS-fMRI. *Cerebral Cortex* 18, 817-827.
32. Bestmann, S., Swayne, O., Blankenburg, F., Ruff, C.C., Haggard, P., Weiskopf, N., Josephs, O., Driver, J., Rothwell, J., Ward, N.S. (2008). Dorsal premotor cortex exerts state-dependent causal influences on activity in contralateral primary motor and dorsal premotor cortex. *Cerebral Cortex*, 18, 1281-1291.
 33. Saygin, A.P., Driver, J., de Sa, V.R. (2008). In the footsteps of biological motion and multisensory perception: Judgments of audio-visual temporal relations are enhanced for upright walkers. *Psychological Science*, 19, 469-475.
 34. Kristjansson, A., Driver, J. (2008). Priming in visual search: separating the effects of target repetition, distractor repetition, and role reversal. *Vision Research*, 48, 1217-1232.
 35. Bestmann, S., Ruff, C.C., Blankenburg, F., Weiskopf, N., Driver, J., Rothwell, J.C. (2008). Mapping causal interregional influences with concurrent TMS-fMRI. *Experimental Brain Research*, 191, 383-402.
 36. Blankenburg, F., Ruff, C.C., Bestmann, S., Bjoertomt, O., Eshel, N., Josephs, O., Weiskopf, N., Driver, J. (2008). Interhemispheric effect of parietal TMS on somatosensory response confirmed directly with concurrent TMS-fMRI. *Journal of Neuroscience*, 28, 13202-13208.
 37. Freeman, E., Driver, J. (2008). Voluntary control of long-range motion integration via selective attention to context. *Journal of Vision*, 8, 1-22.
 38. Gherri, E., Driver, J., Eimer, M. (2008). Eye movement preparation causes spatially-specific modulation of auditory processing: New evidence from event-related brain potentials. *Brain Research*, 1224, 88-101.
 39. Pavani, F., Husain, M., Driver, J. (2008). Eye-movements intervening between two sounds disrupt comparisons of auditory location. *Experimental Brain Research*, 189, 435-449.
 40. Pleger, B., Blankenburg, F., Ruff, C.C., Driver, J., Dolan, R.J. (2008). Reward facilitates tactile judgments and modulates hemodynamic responses in human primary somatosensory cortex. *Journal of Neuroscience*, 28, 8161-8168.
 41. Vuilleumier, P., Schwartz, S., Verdon, V., Maravita, A., Hutton, C., Husain, M., Driver, J. (2008). Abnormal attentional modulation of retinotopic cortex in parietal patients with spatial neglect. *Current Biology*, 18, 1525-1529.
 42. Rotshtein, P., Vuilleumier, P., Winston, J., Driver, J., Dolan, R. (2007). Distinct and combined visual processing of high and low spatial-frequency information in faces. *Cerebral Cortex*, 17, 2713-2724.

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