

## **PUBLICATIONS**

### **BOOKS**

- 1985 M. Swash, **C. Kennard**. Eds: *Scientific Basis of Clinical Neurology*, Churchill Livingstone, Edinburgh.
- 1988 **C. Kennard**. Ed: *Recent Advances in Clinical Neurology*, Vol. 5. Churchill Livingstone, Edinburgh.
- 1988 **C. Kennard**, F. Clifford Rose. Eds: *Physiological Aspects of Clinical Neuroophthalmology*. Chapman and Hall, London.
- 1989 **C. Kennard**, M. Swash. Eds: *Hierarchies in the Brain*. Springer-Verlag, London.
- 1989 **C. Kennard**. Ed: *Recent Advances in Clinical Neurology*, Vol. 6. Churchill Livingstone, Edinburgh.
- 1992 **C. Kennard**. Ed: *Recent Advances in Clinical Neurology*, Vol. 7. Churchill Livingstone, Edinburgh.
- 1992 P. Trend, M. Swash, **C Kennard**. *Colour Guide-Neurology*, Churchill Livingstone, Edinburgh.
- 1993 **C. Kennard**. Ed: *Visual Perceptual Defects*. *Baillière's Clinical Neurology* 2 (3). Baillière Tindall, London.
- 1995 **C. Kennard**. Ed: *Recent Advances in Clinical Neurology*, Vol. 8. Churchill Livingstone, Edinburgh.
- 1996 T. Brandt, L.R. Caplan, J. Dichgans, H.C. Diener, **C. Kennard**. *Neurological Disorders: Course and Management*. Academic Press, San Diego.
- 2002 T. Brandt, L.R. Caplan, J. Dichgans, H.C. Diener, **C. Kennard**. *Neurological Disorders: Course and Management*. 2<sup>nd</sup> Edition, Academic Press, San Diego
- 2008 C Kennard, RJ Leigh (Eds). *Using eye movements as an experimental probe of brain function*. *Progress in Brain Research*, Volume 171, Elsevier, Amsterdam
- 2011 C Kennard, RJ Leigh (Eds). *Neuroophthalmology*, *Handbook of Clinical Neurology*, Elsevier, Amsterdam

### **CHAPTERS**

- 1976 **C. Kennard**, M.J. Keating. The amphibian visual system as a model for developmental neurobiology. In: *The Amphibian Visual System - a multidisciplinary approach*. Ed. K. Fite, Academic Press, N.Y, pp 267-316.
- 1977 **C. Kennard**. The development of binocular visual connections. In: *Physiological Aspects of Clinical Neurology*. Ed. F.C. Rose, Blackwells, pp 3-15.
- 1979 **C. Kennard**. Sensory evoked potentials. In: *Paediatric Neurology*. Ed F.C. Rose, Blackwells, pp 208-219

- 1987 **C. Kennard**, A. Wilkins. Migraine. In: Companion of the Mind. Ed R.L. Gregory, Oxford University Press, pp 483-484.
- 1988 **C. Kennard**, A. Thompson, M. Swash. Steroids and therapy of Multiple Sclerosis - a review. In: Corticosteroids in Neurological and Neurosurgical diseases. Eds. A. Hartmann, S. Zierz.
- 1981 **C. Kennard**. Animal models for disorders of human visual development. In: Animal Models of Neurological Disease. Eds. P.O. Behan and F.C. Rose, Pitman Medical, pp 241-248.
- 1982 **C. Kennard**, W. Zangemeister, L. Stark, W.F. Hoyt. Eye-head co-ordination in patients with Parkinson's disease. In: Functional basis of ocular motility disorders. Ed. G. Lennerstrand, Pergamon Press, pp 517-520.
- 1984 A.M. Bronstein, **C. Kennard**. Predictive eye movements in normal subjects and in Parkinson's disease. In: Theoretical and Applied Aspects of Eye Movement Research. Eds. A.G. Gale and F. Johnson, New Holland Pub. Co., pp 463-472.
- 1985 J.M. Gibson, **C. Kennard**. A quantitative study of "on-off" fluctuations in the ocular motor system in Parkinson's disease. In: Parkinson's Disease: Advances in Neurology 45. Eds. M.D. Yahr and K.J. Bergmann, Raven Press NY, pp 329-334.
- 1986 **C. Kennard**, K.H. Ruddock. Pathophysiology of Vision. In: Diseases of the Nervous System. Eds. A.K. Asbury, G.M. McKhann, W.I. McDonald. Heinemann, London, pp 479-495.
- 1988 **C. Kennard**. Residual vision following lesions of the retrogeniculate visual pathways. In: Physiological Aspects of Clinical Neuroophthalmology. Eds. C. Kennard, F. Clifford-Rose, Chapman Hall, pp 123-135.
- 1989 C.J. Lueck, T.J. Crawford, C.J. Savage, **C. Kennard**. Evidence for eye- movement related shift of the auditory spatial map in the human superior colliculus. In: Proceedings of the Fifth European Conference on Eye Movements. Eds. R.Schmid & D.Zambarbieri, pp 219-220.
- 1989 **C. Kennard**. Hierarchical aspects of eye movements. In: Hierarchies in the brain; a reappraisal. Eds. C. Kennard, M. Swash, Springer Verlag, pp 151-158.
- 1989 **C. Kennard**. Hierarchies in visual processing. In: Hierarchies in the brain; a reappraisal. Eds. C. Kennard, M. Swash, Springer Verlag, pp 87-92.
- 1989 T.J. Crawford, **C. Kennard**, L. Henderson. Saccadic dysmetria in Parkinson's disease is stimulus dependent. In: Neural mechanisms in disorders of movement. Eds. A. R. Crossman, M.A.Sambrook. London, J. Libbey, pp 291-296.
- 1991 **C. Kennard**. Assessment of Visual Function, Diseases of the visual pathways 2, Disorders of eye movements. In: Clinical Neurology. Eds. M. Swash, J.M. Oxbury, Churchill Livingstone, pp 386-388, 419-431,441-459.
- 1991 **C. Kennard**. The effect of cortical lesions on visuo-motor processing in man. In: Visual Perception. Ed. A. Gorea, Cambridge University, Press, pp 115-164.
- 1992 **C. Kennard**. Testing the visual system. In: Neurosurgery - the scientific basis of clinical practise, 2nd Ed. Eds: A Crockard, R Hayward, J T Hoff, Blackwell Sci Publ, pp 835-849.

- 1992 M.C. Lawden, **C. Kennard**. Disorders of pursuit eye movements. Current Medical Literature (Ophthalmology), 2, pp 31-35.
- 1992 **C. Kennard**, K.H. Ruddock. Pathophysiology of Vision. In: Diseases of the Nervous System - Clinical Neurobiology. Eds: A.K. Asbury, G.M. McKhann, W.I. McDonald, Saunders, Philadelphia, pp 404-420.
- 1992 M.B. Hawken, P. Jäntti, J.A. Waterson, **C. Kennard**. The effects of sensory deprivation and feedback on older women with a history of falls. In: Posture and Gait: Control Mechanisms. Eds. M. Wollacott, F.B. Horak, University of Oregon Books, Eugene. pp 263-266.
- 1993 **C. Kennard**, A. Wilkins. Special Senses. In: Neurological Rehabilitation. Eds. R. J. Greenwood, M. P. Barnes, T. M McMillen, C. D. Ward, Churchill Livingstone, Edinburgh pp 259-268.
- 1993 T.D. Matthews, **C. Kennard**. Visual Perceptual Defects. In: Clinical Neurology. Ed: C Kennard, Baillière Tindall, London, pp 227-242.
- 1993 M.B. Hawken, P. Jäntti, **C. Kennard**. Postural control in normal subjects and older women who have fallen. In: Sensorimotor impairment in the elderly. Eds: G.E. Stelmach, V. Homberg. Kluwer, Dordrecht, pp 175-192.
- 1994 **C. Kennard**. Diseases of the Basal Ganglia. In: Neuro-Ophthalmology disorders: diagnostic workup and management. Eds. R.J. Tusa, S. Newman, Decker, New York. pp 527-536.
- 1994 J. Harrison, **C. Kennard**. The neurological boundaries of visual reality. In: The Neurological Boundaries of Reality. Ed. E.M.R. Critchley, Farrand Press, London, pp 101-110.
- 1994 J. Duysens, J.A.M. van Gisbergen, C.J. Lueck, T.J. Crawford, **C. Kennard**. Characteristics of remembered saccades in Parkinson's disease. In: Visual and Oculomotor Functions. Eds. G.d'Ydervalle, J.V. van Rensbergen, Elsevier, Amsterdam pp 213-223.
- 1994 **C. Kennard**, T.J. Crawford, L. Henderson. The role of dopamine in the control of saccadic eye movements. In: Contemporary ocular motor and vestibular research - a tribute to David A. Robinson. Eds. A.F. Fuchs, T. Brandt, U. Buttner, D. Zee, Thieme Verlag, Stuttgart, pp 234-236.
- 1994 **C Kennard**. Disorders of saccadic eye movements in basal ganglia disease. In: Ottorino Rossi Award Conference. Eds. M. Versino, D. Zambarbieri, Fondazione IRCCS, pp 39-48.
- 1995 T.J. Crawford, M.C. Lawden, B. Haegar, L. Henderson, **C. Kennard**. Smooth pursuit eye movement abnormalities in patients with schizophrenia and focal cortical lesions. In: Eye Movement Research. Eds. J. M. Findlay et al, Elsevier Science, pp 281-289.
- 1995 **C. Kennard**, T.D. Matthews. Oculomotor, trochlear and abducens nerves; The neural control of gaze. In: Gray's Anatomy, Thirty-eighth Edition. Eds. P. I. Williams et al., Churchill Livingstone, Edinburgh, pp 1227-1230, 1240-1243.
- 1996 A. Straube, **C. Kennard**. Ocular Motor Disorders. In: Neurological Disorders: Course and Treatment. Eds T. Brandt et al., New York, Academic Press, pp 101-112.
- 1996 M. Fetter, **C. Kennard**. Hiccup. In: Neurological Disorders: Course and Treatment. Eds. T Brandt et al., New York, Academic Press, pp 145-148.

- 1996 J. Zihl, **C. Kennard**. Disorders of higher visual function. In: Neurological Disorders: Course and Treatment. Eds.T. Brandt et al., New York, Academic Press, pp 201-212.
- 1996 M. Husain, **C. Kennard**. The role of attention in human oculomotor control. In: Visual attention and Cognition. Eds. W. Zangermeister, H.S. Stiehl, C. Freksa, Amsterdam, Elsevier Science pp 165-176.
- 1996 T.J. Crawford, L. Henderson, **C. Kennard**. Neuropsychology of eye movement abnormalities in schizophrenia. In: The Neuropsychology of schizophrenia. Eds. C. Pantelis, H.E. Nelson, T.R.E. Barnes, John Wiley, Chichester pp. 259-278.
- 1996 **C. Kennard**. Visual disturbances of migraine. In: Towards Migraine 2000. Ed. FC Rose, Amsterdam, Elsevier Science pp. 69-78.
- 1997 S Shaunack, E O'Sullivan, **C Kennard**. Eye Movements. In: Neurological Investigations Ed: RAC Hughes, BMJ Pub, London, pp 253-282.
- 1998 E. O'Sullivan, **C. Kennard**. The neuroophthalmology of Movement Disorders. In: Parkinson's diseases and Movement Disorders. Eds. J. Jankovic, E. Tolosa, Williams and Wilkins, Baltimore, pp.869-886.
- 1998 **C. Kennard**. Degenerative and metabolic disorders in adults. In: Walsh and Hoyt's Clinical Neuro-ophthalmology. 5th Edition. Eds. N. R. Miller, N. J. Newman, Williams and Wilkins, Baltimore, pp 2747-2810.
- 1998 S.B. Blunt, **C. Kennard**. Translating research and technological developments into clinical practice. In: Care of the common neurological illnesses. Ed. A. Williams, OUP, Oxford, pp 417-424.
- 1998 G. Fuller, **C. Kennard**. Hypoglycaemia and the central nervous system. In: Handbook of Clinical Neurology. Ed. E. Bryn, North Holland Pub, pp 171-192.
- 1999 **C. Kennard** Disorders of visual perception. In: Oxford Textbook of Ophthalmology. Ed. D.L. Easty and J.M. Sparrow, Oxford Medical Pub, pp 857-859.
- 2000 Pambakian, and **C. Kennard**. Testing the visual system. In: Neurosurgery the Scientific Basis of Clinical Practice 3<sup>rd</sup> Edition. Eds. A. Crockard, R Hayward, T. Hoff, Blackwell Science, pp 975-998.
- 2000 DJ Mort, **C Kennard**. Neuro-ophthalmological manifestations of neurodegenerative diseases. In: Neurology of the eye. Optometry Today, London.
- 2001 **C. Kennard**. Looking and seeing Gordon Holmes - 1936 John Mallet Purser Lecture revisited. In Twentieth Century Neurology. Ed. R. Clifford-Rose, Imperial College Press pp 107-114.
- 2001 D.J.Mort, **C. Kennard**. A case of diplopia in a young man. In: Clinical Cases in Neurology. Eds. A.H. Shapira, M. Rowland, Butterworth & Heinemann, Oxford. pp 167-175.
- 2001 **C. Kennard**. Neuro-ophthalmology. In: Brain's Diseases of the Nervous System 11th Edition. Ed. M. Donaghy, Oxford University Press. Pp 237-294.
- 2001 **C. Kennard**. Deafness, vertigo and imbalance. In: Brain's Diseases of the Nervous System 11th Edition. Ed. M. Donaghy, Oxford University Press. Pp 295-310.

- 2001 **C. Kennard** Abnormalities of smell and taste. In: Brain's Diseases of the Nervous System 11th Edition. Ed. M. Donaghy, Oxford University Press. Pp 311-316.
- 2001 ALM Pambakian, **C. Kennard**. Visual defects as a result of occipital lesions. In: Cognitive deficits in brain disorders. Eds JE Harrison, AM Owen, Martin Dunitz, London. Pp 99-120.
- 2002 A Morland, **C. Kennard**. Disorders of Vision. In: Diseases of the Nervous System - Clinical Neurobiology, 3<sup>rd</sup> Edition. Eds: A.K. Asbury, G.M. McKhann, W.I. McDonald, Saunders, Philadelphia. Pp 621-633.
- 2003 **C. Kennard** Visual pathways. In: The Oxford Textbook of Medicine, 4th Edition. Vol 3. Eds D.A. Warrell, T.M. Cox, J.D. Firth, E.J. Benz, Oxford University Press. Pp 972-978.
- 2003 **C. Kennard**. Normal and abnormal eye movements. In: A Textbook of Audiological Medicine: Clinical Aspects of Hearing and Balance. Ed. Luxon L, Martin Dunitz, London. Pp 781-796.
- 2003 **C. Kennard**. Vestibular system disorders. In: Encyclopaedia of Life Sciences, Macmillan Reference Limited (in press).
- 2004 P Nachev, **C. Kennard**. Oculomotor dysfunction in Parkinson's disease. In: Parkinson's disease and non-motor dysfunction. Eds. RF Pfieffer, I Bodis-Wollner Pp 235-256.
- 2004 P Nachev, **C. Kennard**. Degenerative and metabolic disorders in adults. In: Walsh and Hoyt's Clinical Neuro-ophthalmology. 6th Edition. Eds. N. R. Miller, N. J. Newman, Williams and Wilkins, Baltimore Pp 2513-2550.
- 2004 M Husain, **C. Kennard**. Neurological eye problems. Medicine 32, 6-9.
- 2009 **C. Kennard**. Neuro-ophthalmology. In: Brain's Diseases of the Nervous System 12th Edition. Ed. M. Donaghy, Oxford University Press.
- 2011 Rucker JC, **Kennard C**, Leigh RJ. The neuro-ophthalmological examination. In: Handbook of Clinical Neurology (Ed Kennard, Leigh) 102:71-94
- 2011 **Kennard C**. Disorders of higher gaze control. In: Handbook of Clinical Neurology (Ed Kennard, Leigh) 102: 379-402
- 2016 Antoniades C, **Kennard C**. Anatomy and physiology of eye movements. In: Oxford Textbook of Neuro-ophthalmology (Ed F Bremner)

#### **ORIGINAL ARTICLES IN PEER-REVIEW JOURNALS**

- 1978 **C. Kennard**, M. Gawel, N. Rudolph, F.C. Rose. Visual evoked potentials in migraine patients. Res. Clin. Stud. Headache, 6, 73-80.
- 1979 **C. Kennard**, A.J. Howard, M. Swash, C. Scholtz. Brain stem encephalitis due to *Listeria monocytogenes*. J. Neurol. Neurosurg. Psychiat., 42, 931-933.
- 1980 S. Chamberlain, N. Robinson, J. Walker, C. Smith, S. Benton, **C. Kennard**, M. Swash. Effect of Lecithin on disability and plasma free choline levels in Friedrich's Ataxia. J. Neurol. Neurosurg. Psychiat., 43, 843-845.
- 1980 **C. Kennard**, M. Swash, R.A. Henson. EACA myopathy - myopathy due to epsilon amino-caproic acid. Nerve and Muscle, 3, 202-205.

- 1981 **C. Kennard.** Factors involved in the development of the ipsilateral retinothalamic projection in *Xenopus laevis*. *J. Embryol. Exp. Morph.*, 65, 199-217.
- 1981 R. Stark, **C. Kennard**, M. Swash. Hand wasting in spondylotic high cord compression - an EMG study. *Ann. Neurol.*, 9, 58-62.
- 1981 **C. Kennard**, M. Swash. Diagnosis and outcome of acute viral encephalitis. *Brain*, 104, 129-148.
- 1981 **C. Kennard**, S. Eykyn, I. Higgs. Infections of the central nervous system due to *Listeria monocytogenes* in the previously healthy adult. *Infection*, 9, 80-84.
- 1981 **C. Kennard**, D. Scott, J. Kogeorgos. Letter to the Editor. Cognitive function in multiple sclerosis. *Arch. Neurol.*, 38, 325-326.
- 1981 **C. Kennard**, G. Barger, W.F. Hoyt. The association of periodic alternating gaze with periodic alternating nystagmus - a case report. *J. Clin. Neuroophth.*, 1, 191-193.
- 1981 **C. Kennard**, M. Swash. Epsilon amino-caproic acid myopathy - a reply. *Nerve & Muscle*, 4, 256.
- 1982 C. Buckley, **C. Kennard**, M. Swash. Treatment of acute exacerbations of multiple sclerosis with intravenous methylprednisolone. *J. Neurol. Neurosurg. Psychiat.*, 45, 179-180.
- 1982 **C. Kennard**, A. Newland, A. Ridley. Treatment of Guillain Barré Syndrome by plasma exchange. *J. Neurol. Neurosurg. Psychiat.*, 45, 847-850.
- 1982 C.G. Maitland, M. Aminoff, **C. Kennard**, W.F. Hoyt. Evoked potentials in the evaluation of visual field defects due to chiasmal and retrochiasmal lesions. *Neurology*, 32, 986-991.
- 1983 R.M. Pimlott, J.M. Gibson, I.T. Brown, **C. Kennard**. A new ambulatory monitoring system for tremor. *Electroenceph. Clin. Neurophysiol.*, 56, 694-695.
- 1984 **C. Kennard**, A.J. Munro, D.M. Park. The reliability of clinical assessment of Parkinson's disease. *J. Neurol. Neurosurg. Psychiat.*, 47, 322-323.
- 1985 **C. Kennard**, M.J. Keating. A species difference between *Rana* and *Xenopus* in the occurrence of intertectal neuronal plasticity. *Neurosci. Letters*, 58, 365-370.
- 1985 M. Apps, P.C. Sheaff, D. Ingram, **C. Kennard**, D.W. Empey. Respiration and sleep in Parkinson's disease. *J. Neurol. Neurosurg. Psychiat.*, 48, 1241-1245.
- 1985 I.E. Holliday, **C. Kennard**, K.H. Ruddock. Rapid fading of visual function in a patient with a parieto-occipital tumour. *Physiol. Optics*, 2, 149-156.
- 1985 **C. Kennard**. The neurological complications of alcohol. *Pract. Rev. Psychiat.*, 3, 4-6.
- 1985 A.M. Bronstein, **C. Kennard**. Predictive control of eye movements in Parkinson's disease. *Brain*, 108, 925-940.
- 1986 I.M. Blythe, J.M. Bromley, K.H. Ruddock, **C. Kennard**, M. Traub. A study of systematic visual perseveration involving central mechanisms. *Brain*, 109, 661-675.
- 1986 I.M. Blythe, J.M. Bromley, **C. Kennard**, K.H. Ruddock. Visual discrimination of target displacement remains after damage to the striate cortex in humans. *Nature*, 320, 619-621.

- 1986 C. Kennard. Higher control mechanisms of saccadic eye movements. Trans. Ophthalmol. Soc. U.K, 105, 705-708.
- 1987 A.M. Bronstein, C. Kennard. Predictive eye saccades are different from visually triggered saccades. Vis. Res., 27, 517-520.
- 1987 I.M. Blythe, C. Kennard, K.H. Ruddock. Residual vision in patients with retrogeniculate lesions of the visual pathways. Brain, 110, 887-905.
- 1987 J.M. Gibson, R. Pimlott, C. Kennard. Ocular motor and manual tracking in Parkinson's disease and the effect of treatment. J. Neurol. Neurosurg. Psychiat., 50, 853-860.
- 1987 A. Ridley, C. Kennard, C.L. Scholtz, J.A. Büttner-Ennever. Omnipause neurons in two cases of opsoclonus associated with oat cell carcinoma of the lung. Brain, 110, 1699-1709.
- 1987 M.J. Keating, C. Kennard. Visual experience and the maturation of the ipsilateral visuotectal projection in Xenopus laevis. Neuroscience, 21, 519-527.
- 1988 S.E. Thurston, R.J. Leigh, T. Crawford, A. Thompson, C. Kennard. Two distinct deficits of visual tracking caused by unilateral lesions of cerebral cortex in man. Ann. Neurol., 23, 266-273.
- 1988 C.J. Lueck, C. Kennard. Eye movements and its disorder. Curr. Opin. Neurol. Neurosurg., 1, 867-873.
- 1988 C. Kennard, J. Monson. Neuroendocrinology. Curr. Opin. Neurol. Neurosurg., 1, 397-404.
- 1989 A.J. Thompson, C. Kennard, M. Swash, et al. Relative efficacy of intravenous methylprednisolone and ACTH in the treatment of acute relapse in MS. Neurology, 39, 969-971.
- 1989 S. Tanyeri, C.J. Lueck, T.J. Crawford, C. Kennard. Vertical eye movements in Parkinson's disease. Neuroophthalmology, 3, 165-178.
- 1989 S. Goodrich, L. Henderson, C. Kennard. On the existence of an attention-demanding process peculiar to simple reaction time: converging evidence from Parkinson's disease. Cognit. Neuropsychol., 6, 309-331.
- 1989 C. Kennard, C.J. Lueck. Oculomotor abnormalities in diseases of the basal ganglia. Rev. Neurol., 145, 587-595.
- 1989 C.J. Lueck, S. Tanyeri, S. Mossman, T.J. Crawford, C. Kennard. Unilateral reversal of smooth pursuit and optokinetic nystagmus. Rev. Neurol., 145, 656-660.
- 1989 T. J. Crawford, L. Henderson, C. Kennard. Abnormalities of non-visually guided eye movements in Parkinson's disease. Brain, 112, 1573- 1586.
- 1989 T.J. Crawford, S. Goodrich, L. Henderson, C. Kennard. Anticipatory responses to predictable visual signals in Parkinson's disease: manual keypresses and saccadic eye movements. J. Neurol. Neurosurg. Psychiat., 52, 1033-1042.
- 1989 C.J. Lueck, S. Zeki, K.J. Friston, M-P Deiber, P. Cope, V.J. Cunningham, A.A. Lammertsma, C. Kennard, R.S.J Frackowiak. The colour centre in man. Nature, 340, 386-389.

- 1989 C.J. Lueck, **C. Kennard**. Oculography and techniques for eye movement recording. Bull. de la Societe Belge d'Ophtalmologie, 237, 485-502.
- 1990 C.J. Lueck, S. Tanyeri, T.J. Crawford, L. Henderson, **C. Kennard**. Antisaccades and remembered saccades in Parkinson's disease. J. Neurol. Neurosurg. Psychiat., 53, 284-288.
- 1990 C.J. Lueck, S. Tanyeri, J.S. Elston, **C. Kennard**. Saccadic eye movements in essential blepharospasm. J. Neurol., 237, 226-229.
- 1990 S. Zeki, D.G. Watson, C.J. Lueck, K.J. Friston, **C. Kennard**, R.S.J. Frackowiak. A direct demonstration of functional specialization in human visual cortex. J. Neurosci., 11, 641-649.
- 1990 C.J. Lueck, T.J. Crawford, C.J. Savage, **C. Kennard**. Visual-auditory interaction in the generation of reflex saccades in man. Exp. Brain Res., 82, 149-157.
- 1990 C.J. Lueck, **C. Kennard**. Eye movement control and nystagmus. Curr. Opin. Ophthalmol., 1, 476-486.
- 1991 H.C. Hansen, J.M. Gibson, W.H. Zangermeister, **C. Kennard**. The effect of treatment on eye-head coordination in Parkinson's disease. J. Vestib. Res., 1, 181-186.
- 1991 C.J. Lueck, T.J. Crawford, H.C. Hansen, **C. Kennard**. Increase in saccadic peak velocity with increased frequency of saccades in man. Vis. Res., 31, 1439-1443.
- 1991 L. Henderson, **C. Kennard**, T.J. Crawford, S. Day, B. Everett, S. Goodrich, F. Jones. Scales for rating motor impairment in Parkinson's disease: studies of reliability and convergent validity. J. Neurol. Neurosurg. Psychiat., 54, 18-24.
- 1991 C.J. Lueck, P. Hamlyn, T.J. Crawford, I.S. Levy, G.S. Brindley, E.S. Watkins, **C. Kennard**. A case of ocular tilt reaction and torsional nystagmus due to direct stimulation of the midbrain in man. Brain, 114, 2069-2080.
- 1992 C.J. Lueck, S. Tanyeri, T.J. Crawford, L. Henderson, **C. Kennard**. Saccadic eye movements in Parkinson's disease : I. Delayed saccades. Q. J. Exp. Psychol., 45A, 193-210.
- 1992 C.J. Lueck, S. Tanyeri, T.J. Crawford, L. Henderson, **C. Kennard**. Saccadic eye movements in Parkinson's disease : II. Remembered saccades: towards a unified hypothesis. Q. J. Exp. Psychol., 45A, 211-233.
- 1992 J. Duysens, J.A.M Van Gisbergen, C.J. Lueck, T.J. Crawford, **C. Kennard**. Characteristics of staircase saccadic-sequences in Parkinson's disease. Proc. of 6th European Conference on Eye Movements, Lueven Belgium, p 565.
- 1993 J.A. Waterston, M.B. Hawken, S. Tanyeri, P. Jäntti, **C. Kennard**. The influence of sensory manipulation on postural control in Parkinson's disease. J. Neurol., Neurosurg. Psychiat., 56, 1276-1281.
- 1993 H.C. Hansen, C.J. Lueck, T.J. Crawford, **C. Kennard**, W.H Zangemeister. Evidence for the occurrence of myotonia in the extra-ocular musculature in patients with dystrophia myotonica. Neuro-Ophthalmology, 13, 17-24.

- 1994 D.M. Coleston, E. Chronicle, K.H. Ruddock, **C. Kennard**. Pre-cortical dysfunction of spatial and temporal visual processing in migraine. *J Neurol. Neurosurg. Psychiat.*, 57, 1208-1211.
- 1994 P.J. Brent, **C. Kennard**, K.H. Ruddock. Residual colour vision in a human hemianope: spectral responses and colour discrimination. *Proc. Roy. Soc. (Series B)*, 256, 219-225.
- 1994 T.J. Anderson, I.H. Jenkins, D.J Brooks, M.B. Hawkin, R.S.J. Frackowiak, **C. Kennard**. Cortical control of saccades and fixation in man: a PET study. *Brain*, 117, 1073-1084.
- 1994 **C. Kennard**, T.J. Crawford, L. Henderson. A pathophysiological approach to saccadic eye movements in neurological and psychiatric disease. *J. Neurol. Neurosurg. Psychiat.*, 57, 881-885.
- 1994 G. Morrison, M.B. Hawken, **C. Kennard**, G. Kenyon. Moving platform sway measurement in Menière's disease. *J. Vestibular Res.*, 6, 409-419.
- 1994 M.C. Lawden, S.B. Blunt, T.D. Matthews, R.C. Peatifeld, **C. Kennard**. Recurrent confusion and ataxia triggered by pyrexia in a case of occult multiple sclerosis. *J. Neurol. Neurosurg. Psychiat.*, 57, 1436.
- 1994 S.B. Blunt, D. Brooks, **C. Kennard**. Steroid responsive chorea following cardiac transplantation. *Movement Disorders*, 9, 112-114.
- 1994 S.B. Blunt, P. Lewis, J. Boulton, R. Wise, **C. Kennard**. Locked-in syndrome in fulminant demyelinating disease. *J. Neurol. Neurosurg. Psychiat.*, 58, 504-505.
- 1994 S.B. Blunt, G. Fuller, D. Brooks, **C. Kennard**. Isolated lingual dystonia with 'tip of the tongue' geste. *Movement Disorders*, 9, 466-467.
- 1994 S.B. Blunt, M. Silva, **C. Kennard**, R. Wise. Vitamin B12 deficiency presenting with severe pseudoathetosis of the upper limbs. *Lancet*, 343, 550.
- 1995 **C. Kennard**, R.D. Illingworth. Editorial - Persistent vegetative state. *J. Neurol. Neurosurg. Psychiat.*, 59, 347-348.
- 1995 M.C. Lawden, A.M. Bronstein, **C. Kennard**. Repetitive paroxysmal nystagmus and vertigo. *Neurology*, 45, 278-280.
- 1995 G.N. Fuller, T.D. Matthews, R.N. Maini, **C. Kennard**. An unusual cause for diplopia: acquired Brown's syndrome. *J. Neurol. Neurosurg. Psychiat.*, 58, 506-507.
- 1995 M.C. Lawden, H. Bagelmann, T.J. Crawford, T.D. Matthews, **C. Kennard**. An effect of structured backgrounds on smooth pursuit eye movements in patients with cerebral lesions. *Brain*, 118, 37-48.
- 1995 T.J. Crawford, B. Haegar, **C. Kennard**, M.A. Reveley, L. Henderson. Saccadic abnormalities in psychotic patients. I. Neuroleptic-free psychotic patients. *Psycholog. Med.*, 25, 461-471.
- 1995 T.J. Crawford, B. Haegar, **C. Kennard**, M.A. Reveley, L. Henderson. Saccadic abnormalities in psychotic patients. II. The role of neuroleptic treatment. *Psycholog. Med.*, 25, 473-483.

- 1995 **C. Kennard**, M.C. Lawden, A.B. Morland, K.H. Ruddock. Colour identification and colour constancy in a patient with incomplete achromatopsia associated with a prestriate cortical lesion. *Proc. Roy. Soc., (Series B)*, 260, 169-175.
- 1995 S. Shaunak, E. O'Sullivan, **C. Kennard**. Eye Movements. *J. Neurol. Neurosurg. Psychiat.*, 59, 115-125.
- 1995 S. Shaunak, E. O'Sullivan, R. Orrell, T.D. Matthews, **C. Kennard**. Oculomotor function in amyotrophic lateral sclerosis: evidence for frontal dysfunction. *Ann. Neurol.*, 38, 38-44.
- 1995 S.R. Jackson, G.M. Jackson, J. Harrison, L. Henderson, **C. Kennard**. The internal control of action and Parkinson's disease: a kinematic analysis of visually-guided and memory-guided prehension movements. *Exp. Brain Res.*, 105, 47-162
- 1995 G.M. Jackson, S.R. Jackson, J. Harrison, L. Henderson, **C. Kennard**. Serial reaction time learning and Parkinson's disease: evidence for a procedural learning effect. *Neuropsychologia*, 33, 573-595.
- 1995 J. Harrison, L. Henderson, **C. Kennard**. Abnormal refractoriness in patients with Parkinson's disease after brief withdrawl of levodopa treatment. *J. Neurol. Neurosurg. Psychiat.*, 59, 499-506.
- 1995 D.M. Coleston, **C. Kennard**. Responses to temporal visual stimuli in migraine: the critical flicker fusion test. *Cephalgia*, 15, 396-8.
- 1995 E. O'Sullivan, S. Shaunak, P. Simcock, T. Matthews, J. Wade, **C. Kennard**. Transient monocular blindness. *J. Neurol. Neurosurg. Psychiat.*, 59, 559.
- 1995 S.R. Jackson, D.L. Morris, J. Harrison, L. Henderson, **C. Kennard**. Parkinson's disease and the internal control of movement: A single-case study comparing visually-guided and open-loop prehension movements. *Neurocase*, 1, 267-283.
- 1995 M. Husain, **C. Kennard**. The Neuroophthalmology of degenerative neurological disorders. *Curr. Opinion Ophthalmol.*, 6, 41-47.
- 1995 E. O'Sullivan, I.H. Jenkins, L. Henderson, D. Brooks, **C. Kennard**. The functional anatomy of remembered saccades: a PET study. *Neuroreport*, 16, 2141-2144.
- 1996 **C. Kennard**. Modern management of migraine with special reference to the cardiovascular patient. *B. J. Cardiol.*, 3, 169-172.
- 1996 T.J. Crawford, B.K. Puri, K.S. Nijran, **C. Kennard**, S.W. Lewis. A study of 99m Tc-HMPAO single-photon emmission imaging in schizophrenic patients with saccadic eye-movement abnormalities. *Psychol. Med.*, 26, 267-277.
- 1996 M. Husain, **C. Kennard**. Disturbances of Vision. *Medicine*, 24, 12-14.
- 1996 M. Husain, **C. Kennard**. Visual neglect associated with frontal lobe infarction. *J. Neurol.*, 243, 652-657.
- 1997 M. Husain, K. Shapiro, J. Martin, **C. Kennard**. Temporal dynamics of attention are abnormal in visuospatial neglect. *Nature*, 385, 154-156.
- 1997 E .O'Sullivan, S. Shaunak, L. Henderson, M. Hawken, T.J. Crawford, **C. Kennard**. Abnormalities of predictive saccades in Parkinson's disease. *NeuroReport*, 8, 1209-1213.

- 1997 A.J.M. Pambakian, **C. Kennard**. Can visual function be restored in patients with homonymous hemianopia? *Brit. J. Ophthalmol.*, 81, 324-328.
- 1997 M. Husain, **C. Kennard**. Distractor-dependent frontal neglect. *Neuropsychologia*, 35, 829-841.
- 1998** S. Hutton, **C. Kennard**. Oculomotor abnormalities in schizophrenia - a critical review. *Neurology*, 50, 604-609.
- 1998 E. O'Sullivan, **C. Kennard**. Ocular manifestations of neurological disease. *Curr. Opin. Neurol.*, 11, 25-29.
- 1998 R.D. Rogers, B.J. Sahakian, J.R. Hodges, C.E. Polkey, **C. Kennard**, T.W. Robbins. Dissociating executive mechanisms of task control following frontal lobe damage and Parkinson's disease. *Brain*, 121, 815-842.
- 1998 J. Mattingley, M. Husain, **C. Kennard**, J. Driver. Motor role of human inferior parietal lobe revealed in spatial neglect patients. *Nature*, 392, 179-182.
- 1998 R. Walker, M. Husain, T. Hodgson, J. Harrison, **C. Kennard**. Saccadic eye movement and working memory deficits following damage to human prefrontal cortex. *Neuropsychologia*, 36, 1141-1159.
- 1998 S.R. Hutton, T.J. Crawford, B.K. Puri, L-J Duncan, M. Chapman, **C. Kennard**, T.R.E. Barnes, E.M. Joyce. Smooth pursuit and saccadic abnormalities in first episode schizophrenics. *Psychol. Med.*, 28, 685-692.
- 1999** T.L. Hodgson, W. Dittrich, L. Henderson, **C. Kennard**. Eye movements and spatial working memory in Parkinson's disease. *Neuropsychologia*, 37, 927-938.
- 1999 M. Vidailhet, S. Rivaud, N. Gouider-Khouja, B. Pillon, B. Gaymard, Y. Agid, **C. Kennard**, C. Pierrot-Deseilligny. Saccades and Antisaccades in Parkinsonian Syndromes. *Adv. Neurol.*, 80, 377-382
- 1999 S. Shaunak, L. Henderson, **C. Kennard**. Abnormalities of saccades and smooth pursuit in myotonic dystrophy. *J. Neurol.*, 246, 600-606.
- 1999 S. Shaunak, E. O'Sullivan, S. Blunt, M. Lawden, T. Crawford, L. Henderson, **C. Kennard**. Remembered saccades with variable delay in Parkinson's disease. *Movement Disorders*, 14, 80-86.
- 1999 C. Moschner, T.J. Crawford, W. Heide, P. Trillenberg, D. Kompf, **C. Kennard**. Deficits of smooth pursuit in patients with degenerative cerebellar lesions. *Brain*, 122, 2147-2158.
- 1999 F. Schon, P.E. Hart, T.L. Hodgson, A.L.M. Pambakian, M. Ruprah, E. Williamson, **C. Kennard**. Suppression of pendular nystagmus by cannabis in a patient with multiple sclerosis. *Neurology*, 53, 2209-2210
- 2000** R. Walker, S. Mannan, D. Maurer, A.L.M. Pambakian, **C. Kennard**. The oculomotor distractor effect in normal and hemianopic vision. *Proc. Roy. Soc.(Series B)*, 267, 431-438.
- 2000 R. Walker, D. Walker, M. Husain, **C. Kennard**. Control of voluntary and reflective saccades. *Exp. Brain Res.*, 130, 540-544.

- 2000 T. Hodgson & **C. Kennard**. Disorders of higher visual function and hemispatial neglect. Curr. Opinion Neurol., 13, 7-12.
- 2000 A.C. Hill, N.J. Davey, **C. Kennard**. Current orientation induced by magnetic stimulation influences a cognitive task. NeuroReport, 11, 3257-3259.
- 2000 M. Husain, J.B. Mattingley, J. Driver, C. Rorden, **C. Kennard**. Distinguishing sensory and motor biases in parietal and frontal neglect. Brain, 123, 1643-1659
- 2000 T. Hodgson, A Bajwa,A.M. Owen, **C. Kennard**. The Strategic Control of Gaze direction in the Tower of London Task. J. Cognit.Neurosci. 12:5, 894-907.
- 2000 S.R. Hutton, T.J. Crawford, L-J Duncan, M. Chapman, B.K. Puri, **C. Kennard**, T.R.E. Barnes, E.M. Joyce. Smooth pursuit eye tracking over a structured background in first-episode schizophrenic patients. Europ. Arch. Psychiat. Clin. Neurosci. 250:1, 221-225
- 2000 A.L.M. Pambakian, D.S. Wooding, N. Patel, A.B. Morland, S.K. Mannan, **C. Kennard**. Scanning the visual world: a study of patients with homonymous hemianopia. J. Neurol. Neurosurg. Psychiatr., 69, 751-759.
- 2000 **C. Kennard**. Saccades and scanpaths: Studies on spatial working memory. Neuro-ophthalmology 23:3-4, 155-156.
- 2001** S.B. Hutton, I. Cuthbert, T.J. Crawford, **C. Kennard**, T.R.E. Barnes, E.M. Joyce. Saccadic hypometria in drug-naïve and drug-treated schizophrenic patients: A working memory deficit? Psychophysiol., 38, 125-132.
- 2001 H Bekkering, SFW Neggers, R. Walker, B. Gleibner, W. Dittrich, K. Stewart, **C. Kennard**. The preparation and execution of saccadic eye and goal-directed hand movements in patients with Parkinson's disease. Neuropsychologia, 39, 173-183.
- 2001 L Henderson, J Harrison, **C Kennard**. Selectively Impaired reaction time in Parkinson's disease: Persistent absence of simple reaction advantage in a patient with frontal complications. Neurocase, 7, 319-330.
- 2001 F Schon, TL Hodgson, D Mort, **C Kennard**. Ocular flutter associated with a localised lesion in the paramedian pontine recticular formation. Ann.Neurol., 50, 413-416.
- 2001 A.P. Leff, H. Crewes, GT Plant, SK Scott, **C. Kennard**, RJS Wise. The functional anatomy of single word reading in patients with hemianopic and pure alexia. Brain 124, 510-521..
- 2001 SB Hutton, TJ Crawford, H Gibbins, E Joyce, TRE Barnes, **C Kennard**. Short and long term effects of antipsychotic medication on smooth pursuit tracking in schizophrenia. Psychopharmacol. 157, 284-291.
- 2001 M Husain, S Mannan, T Hodgson, J Driver, **C Kennard**. Impaired spatial working memory across saccades contributes to abnormal search in parietal neglect. Brain 124, 941-952.
- 2002** TL Hodgson,B Tiesman, AM Owen, **C Kennard**. Abnormal gaze strategies during problem solving in Parkinson's disease. Neuropsychologia, 40:4, 411-422.
- 2002 **C Kennard**. Scanpaths: the path to understanding abnormal cognitive processing in neurological disease. Ann. New York Acad Sci. 956, 242-249.

- 2002 G Akdal, TL Hodgson, AC Hill, S Mannan, **C Kennard**. Visual object memory and memory-guided saccades rely on shared mental representations. *Experimental Brain Res.* 509:143, 509-514.
- 2002 R Al-Shahi, **C Kennard**. Don't slip through the net. *Journal of Neurology, Neuro-surgery and Psychiatry*, 73:6, 611.
- 2002 TL Hodgson, D Mort, MM Chamberlain, SB Hutton, KS O'Neill, **C Kennard**. Orbitofrontal cortex mediates inhibition of return. *Neuropsychologia*, 40:1891-1901.
- 2002 SB Hutton, EM Joyce, TR Barnes, **C Kennard**. Saccadic distractibility in first-episode schizophrenia. *Neuropsychologia*, 40: 1729-1736.
- 2002 **C Kennard**. Sudden blindness in vascular disease. *Neurologia I Neurochirurgia Polska*, 36, 243-244.
- 2002 RN Rosenberg, M Aminoff, F Boller, PS Soerensen, RC Griggs, V Hachinski, M Hallett, RT John-son, **C Kennard**, AE Lang. Reporting Clinical Trials: Full access to all of the data. *Archives of Neurology*, 59:1, 27-28.
- 2003** S Grant, W Waller, A Bhalla, **C Kennard**. Normal chiasmatic routing of uncrossed projections from the ventrotemporal retina in albino Xenopus frogs. *Journal of Comparative Neurology*, 458:4, 425-439.
- 2003 CJ Ketcham, TL Hodgson, **C Kennard**, GE Stelmach. Memory-motor transformations are impaired in Parkinson's disease. *Experimental Brain Research*, 149:1, 30-39.
- 2003 DJ Mort, P Malhotra, SK Mannan, S. K, C Rorden, A Pambakian, **C Kennard**, M Husain. The anatomy of visual neglect. *Brain*, 126:9, 1986-1997.
- 2003 DJ Mort, **C Kennard**. Visual search and its disorders. *Current Opinion in Neurology*, 16:1, 51-58.
- 2004** RJ Leigh, **C Kennard**. Using saccades as a research tool in the clinical neurosciences. *Brain*, 127; 1 - 18.
- 2004 DJ Mort, P Malhotra, SK Mannan, S. K, C Rorden, A Pambakian, **C Kennard**, M Husain. Using SPM normalization for lesion analysis in spatial neglect. *Brain*, 127, e11.
- 2004 A Pambakian, S Mannan, TL Hodgson, **C Kennard**. Saccadic visual search training: a treatment for patients with homonymous hemianopia. *Journal of Neurology, Neurosurgery and Psychiatry*, 75, 1443-1448.
- 2004 SB Hutton, V Huddy, TRE Barnes, TW Robbins, TJ Crawford, **C Kennard**, EM Joyce. The relationship between antisaccades, smooth pursuit and executive dysfunction in first episode schizophrenia. *Biological Psychiatry*, 56, 553-559.
- 2004 TL Hodgson, C Golding, D Molyva, CR Rosenthal, **C Kennard**. Reflexive, symbolic and affective contributions to eye movements during task switching: response selection. *Journal of Cognitive Neuroscience*, 16, 318-330.
- 2004 P Sumner, P Nachev, N Vora, M Husain, **C Kennard**. Distinct cortical and collicular mechanisms of inhibition of return revealed by using S cone stimuli. *Current Biology* 14, 2259-2263

- 2004 C Danchaivijitr, **C Kennard**. Diplopia and eye movements. *Journal of Neurology, Neurosurgery and Psychiatry*, 75, iv24-iv31.
- 2005** S Mannan, DJ Mort, TL Hodgson, J Driver, **C Kennard**, M Husain. Revisiting previously searched location in visual neglect; role of right parietal and frontal lesions in misjudging old locations as new. *Journal of Cognitive Neuroscience*, 17, 340-354.
- 2005 **C Kennard**, SK Mannan, P Nachev, A Parton, DJ Mort, G Rees, TL Hodgson, M Husain. Cognitive processes in saccade generation. *Annals of the New York Academy of Science*, 1039, 1-8.
- 2005 A Pambakian, J Currie, **C Kennard**. Rehabilitation strategies for patients with homonymous visual field defects. *Journal of Neuro-ophthalmology*, 25, 136-142.
- 2005 P Nachev, G Rees, A Parton, **C Kennard**, M Husain. Volition and conflict in human medial frontal cortex. *Current Biology* 15, 122-128.
- 2005 **C Kennard**, SK Mannan, P Nachev, A Parton, DJ Mort, G Rees, TL Hodgson, M Husain. Cognitive processes in saccade generation. *Annals of the New York Academy of Science*, 1039, 176-183.
- 2006** CR Rosenthal, SK Mannan, EJ Anderson, MB Hawken, **C Kennard**. Temporal dynamics of parietal lobe involvement in visual search. *Neuropsychologia*, 44, 731-743.
- 2006 CVP Golding, C Danchaivijitr, TL Hodgson, S Tabrizi, **C Kennard**. Identification of an oculomotor biomarker of preclinical Huntington's disease. *Neurology*, 67, 485-7.
- 2006 H Momiji, AA Bharath, MW Hankins, **C Kennard**. Numerical study of short-term afterimages and associate properties in foveal vision. *Vision Research*, 46, 365-381.
- 2006 P Sumner, P Nachev, S Castor-Perry, H Isenman, **C Kennard**. Which visual pathways cause fixation-related inhibition? *Journal of Neurophysiology*, 95, 1527-1536.
- 2006 **C Kennard**. Vision, illusions and reality. *International Review of Neurobiology*, 74, 51-54.
- 2007** H Momiji, Bhareth A, **Kennard C**. A numerical study of red-green colour opponent properties in the primate retina. *European Journal of Neuroscience*. 25, 1155-1165.
- 2007 P Nachev, H Wydell, K O'Neill, M Husain, **C Kennard**. The role of the pre-supplementary motor area in the control of action. *Neuroimage* 36 Suppl 2;T155-163..
- 2007 E Anderson, S Mannan, M Husain, G Rees, P Sumner, DJ Mort, D McRobbie, **C Kennard**. Involvement of prefrontal cortex in visual search. *Experimental Brain Research* 180, 289-302.
- 2007 T Hodgson, M Chamberlain, B Parris, M James, N Gutowski, M Husain, **C Kennard**. The role of the ventro-lateral frontal cortex in inhibitory oculomotor control. *Brain* 130, 1527-1537.
- 2007 P Sumner, P Nachev, P Morris, AM Peters, SR Jackson, **C Kennard**, M Husain. Human medial frontal cortex mediates unconscious inhibition of voluntary action. *Neuron* 54, 697-711.
- 2007 **C Kennard**. Examining eye movements. *Practical Neurology* 7, 326-330.

- 2007 P Nachev, E Coulthard, R Jager, **C Kennard**, M Husain. Enantiomorphic normalisation of focally lesioned brains. *Neuroimage* 39, 194-204
- 2008** Klöppel S, Draganski B, Golding CV, Chu C, Nagy Z, Cook PA, Hicks SL, **Kennard C**, Alexander DC, Parker GJ, Tabrizi SJ, Frackowiak RS. White matter connections reflect changes in voluntary-guided saccades in pre-symptomatic Huntington's disease. *Brain* 131, 196-204
- 2008 OJ Warren, DR Leff, T Athanasiou, **C Kennard**, A Darzi. The neurocognitive enhancement of surgeons; an ethical perspective. *J Surg Res* (eprint)
- 2008 SL Hicks, M Robert, C Golding, SJ Tabrizi, **C Kennard**. Oculomotor deficits indicate the progression of Huntington's disease. *Progress in Brain Research*. 171, 555-558
- 2008 CR Rosenthal, TL Hodgson, M Husain, **C Kennard**. Supplementary eye field contributions to the execution of saccades to remembered target locations. *Progress in Brain Research* 171, 419-423
- 2008 SL Hicks, M Robert, C Golding, SJ Tabrizi, **C Kennard**. Oculomotor deficits indicate the progression of Huntington's disease. *Progress in Brain Research*. 171, 555-558
- 2008 P Nachev, M Husain, **C Kennard**. Volition and eye movements. *Progress in Brain Research* 171, 391-398
- 2008 E.J Anderson, S Mannan, G Rees, P Sumner, **C Kennard** A role for spatial and non-spatial working memory processes in visual search. *Experimental Psychology* 55., 301-312
- 2009** P Nachev, **C Kennard**, M Husain. Cognition and the supplementary motor complex. *Nature Review Neuroscience* 10, 856-869.
- 2009 MP Roberts, PC Nachev, SS Hicks, CVP Golding, SJ Tabrizi, **C Kennard**. Saccadometry of conditional rules in pre-symptomatic Huntington's disease. *Transactions of the New York Academy of Sciences*, 1164, 444-450
- 2009 S Mannan, **C Kennard**, M Husain. The role of visual salience in directing eye movements in visual object agnosia. *Current Biology* Mar 24;19(6):R247-8
- 2009 X Liu, P Nachev, S Wang, AL Green, **C Kennard**, T Aziz. The saccade-related local field potentials of the superior colliculus: a functional marker for localizing the periventricular and periaqueductal gray. *Journal of Clinical Neurophysiology*, 26, 280-287
- 2009 **C Kennard**. Eyes to the right! *Journal of Neurology, Neurosurgery and Psychiatry*, 80, 585.
- 2009 S Tabrizi, DL Langbehn, BR Leavitt, RAC Roos, A Durr, D Craufurd, **C Kennard**, SL Hicks et al. Biological and clinical manifestations of Huntington's disease in the longitudinal TRACK-HD study: cross-sectional analysis of baseline data. *Lancet Neurology* 8, 791-801
- 2009 MP Robert, PC Nachev, SL Hicks, CV Golding, SJ Tabrizi, **C Kennard**. Saccadometry of conditional rules in presymptomatic Huntington's diseases. *Annals of the New York Academy of Science*. 1164, 444-450
- 2009 CR Rosenthal, E Roche-Kelly, M Husain, **C Kennard**. Response-dependent contributions of human primary motor cortex and angular gyrus to manual and perceptual learning. *Journal of Neuroscience*, 29, 15115-15125

- 2010 S Mannan, **C Kennard**, D Soto. Early oculomotor capture by new onsets driven by the contents of working memory. *Vision Research* 50, 1590-1597.
- 2010 E Anderson, SK Mannon, G Rees, P Sumner, **C Kennard**. Overlapping functional anatomy for working memory and visual search. *Experimental Brain Research* 200, 91-107
- 2010 SK Mannan, ALM Pambakian, **C Kennard**. Compensatory strategies following visual search training in patients with homonymous hemianopia: an eye movement study. *Journal of Neurology* 257(11):1812-21.
- 2010 Sahakian BJ, Malloch G, **Kennard C**. [A UK strategy for mental health and wellbeing](#). Mental Health Review Group. *Lancet*. 375:1854-5.
- 2010 Rosenthal CR, **Kennard C**, Soto D. [Visuospatial sequence learning without seeing](#). *PLoS One*. Jul 30;5(7):e11906.
- 2010 van Rheede JJ, **Kennard C**, Hicks SL. Simulating prosthetic vision: optimizing the information content of a limited visual display. *Journal of Vision* 10 (14). pii: 32. doi: 10.1167/10.14.32.
- 2010 Bridge H, Hicks SL, Xie J, Okell TW, Mannan S, Alexander I, Cowey A, **Kennard C**. Visual activation of extra-striate cortex in the absence of V1 activation. *Neuropsychologia*, 48, 4148-54
- 2011 Tabrizi SJ, Scahill RI, Durr A, Roos RA, Leavitt BR, Jones R, Landwehrmeyer GB, Fox NC, Johnson H, Hicks SL, **Kennard C**, et al. Biological and clinical changes in premanifest and early stage Huntington's disease in the TRACK-HD study: the 12-month longitudinal analysis. *Lancet Neurology* 10, 31-42.
- 2011 Sharma R, Hicks S, Berna C, **Kennard C**, Talbot K, Turner MR. Oculomotor dysfunction and pathology in amyotrophic lateral sclerosis. *Archives of Neurology* 68, 857-61
- 2011 Dumas EM, van den Bogaard SJ, Ruber ME, Reilmann RR, Stout JC, Craufurd D, Hicks SL, **Kennard C**, et al. Early changes in white matter pathways of the sensorimotor cortex in premanifest Huntington's disease. *Human Brain Mapping*. Jan 24. doi: 10.1002/hbm.21205. [Epub]
- 2011 Vaccarino AL, Sills T, Anderson KE, Biglan K, Borowsky B, Giuliano J, Guttman M, Ho AK, **Kennard C**, et al Assessment of Motor Symptoms and Functional Impact in Prodromal and Early Huntington Disease. *PLoS Curr*. Jun 14;2;RRN1244
- 2011 Bridge H, Harrold S, Holmes EA, Stokes M, **Kennard C**. Vivid visual mental imagery in the absence of the primary visual cortex. *J Neurol*. 2011 Nov 8
- 2012 Antoniades CA, Ober J, Hicks S, Siuda G, Carpenter RH, **Kennard C**, Nemeth AH. [Statistical characteristics of finger-tapping data in Huntington's disease](#). *Med Biol Eng Comput*. 50. 341-346
- 2012 Tabrizi SJ, Reilmann R, Roos RA, Durr A, Leavitt B, Owen G, Jones R, Johnson H, Craufurd D, Hicks SL, **Kennard C**, Landwehrmeyer B, Stout JC, Borowsky B, Scahill RI, Frost C, Langbehn DR; TRACK-HD investigators. [Potential endpoints for clinical trials in premanifest and early Huntington's disease in the TRACK-HD study: analysis of 24 month observational data](#). *Lancet Neurol*;11(1):42-53.
- 2012 Mehta AR, Kennard C. The pharmacological treatment of acquired nystagmus. *Practical Neurology*, 12, 147-153.

- 2012 Jenkinson N, Brittain JS, Hicks SL, **Kennard C**, Aziz TZ. On the origin of oscillopsia during pedunculopontine stimulation. *Stereotact Funct Neurosurg.*;90(2):124-9.
- 2012 Ajina S, **Kennard C**. [Rehabilitation of damage to the visual brain](#). *Rev Neurol (Paris)*;168:754-61.
- 2012 Cazzoli D, Müri RM, Schumacher R, von Arx S, Chaves S, Gutbrod K, Bohlhalter S, Bauer D, Vanbellingen T, Bertschi M, Kipfer S, Rosenthal CR, **Kennard C**, Bassetti CL, Nyffeler T. [Theta burst stimulation reduces disability during the activities of daily living in spatial neglect](#). *Brain*.135:3426-39.
- 2013 Rosenthal CR, Antoniades CA, Andrews S, **Kennard C**, Soto D. Generalisation of new sequence knowledge depends on response modality Cerebral mechanisms of nonconscious sequence learning and nonconscious recognition memory. *PLoS ONE* (in press)
- 2013 Hodgson TL, Molyva D, Sumner P, Sherrington R, **Kennard C**. Learning and switching between stimulus-saccade associations in Parkinson's disease. *Neuropsychologia* 51, 1350-1360.
- 2013 Hicks SL, Wilson I, Muhammed L, Worsfold J, Downes SM, **Kennard C**. [A depth-based head-mounted visual display to aid navigation in partially sighted individuals](#). *PLoS One*. 2013 Jul 3;8(7):e67695.
- 2013 Claassen J, Spiegel R, Kalla R, Faldon M, **Kennard C**, Danchaivijitr C, Bardins S, Rettinger N, Schneider E, Brandt T, Jahn K, Teufel J, Strupp M, Bronstein A. A randomized double-blind, cross-over trial of 4-aminopyridine for downbeat nystagmus-effects on slow phase eye velocity, postural stability, locomotion and symptoms. *J Neurol Neurosurg Psychiatry*. 2013 Jun 29
- 2013 Antoniades C, Ettinger U, Gaymard B, Gilchrist I, Kristjánsson A, **Kennard C**, John Leigh R, Noorani I, Pouget P, Smyrnis N, Tarnowski A, Zee DS, Carpenter RH. [An internationally standardised antisaccade protocol](#). *Vision Res*. 2013;84:1-5.
- 2013 Rosenthal CR, Ng TW, **Kennard C**. [Generalisation of new sequence knowledge depends on response modality](#). *PLoS One*. 2013;8(2):e53990.
- 2013 Rachael I. Scahill, Nicola Z. Hobbs, Miranda J. Say, Natalie Bechtet, Susie M. D. Henley, Harpreet Hyare, Douglas R. Langbehn, Rebecca Jones, Blair R. Leavitt, Raymund A.C. Roos, Alexandra Durr, Stéphane Lehéricy, David Craufurd, **Christopher Kennard**, Stephen L. Hicks, Julie C. Stout, Ralf Reilmann, Sarah J. Tabrizi and the TRACK-HD investigators. Clinical impairment in premanifest and early HD is associated with regionally-specific atrophy. *Human Brain Mapping* 34, 519-529.
- 2013 Hicks SL, Sharma R, Khan AN, Berna CM, Waldecker A, Talbot K, **Kennard C**, Turner MR. An eye-tracking version of the trail-making test. *PLoS One*. 2013 Dec 18;8(12):e84061
- 2014 Cazzoli D, Antoniades CA, **Kennard C**, Nyffeler T, Bassetti CL, Müri RM. Eye movements discriminate fatigue due to chronotypical factors and time spent on task--a double dissociation. *PLoS One*. 2014 Jan 22;9(1):e87146
- 2014 Millington RS, Yasuda CL, Jindahra P, Jenkinson M, Barbur JL, **Kennard C**, Cendes F, Plant GT, Bridge H. Quantifying the pattern of optic tract degeneration in human hemianopia. *J Neurol Neurosurg Psychiatry*. 2014;85(4):379-86

- 2014 Mah Y-H, Jager R, Husain M, Nachev P, **Kennard C**. [A new method for automated high-dimensional lesion segmentation evaluated in vascular injury and applied to the human occipital lobe.](#) Cortex 56:51-63.
- 2014 Antoniades C, Bogacz R, **Kennard C**, FitzGerald J, Aziz T, Green A. Deep brain stimulation abolishes slowing of reactions to unlikely stimuli. Journal of Neuroscience, 34, 108440-10852.
- 2015** Cazzoli D, Muri R, **Kennard C**, Rosenthal C. The role of the right posterior parietal cortex in letter migration between words. J Cognitive Neurosci, 27, 377-386.
- 2015 Antoniades CA, **Kennard C**. [Ocular motor abnormalities in neurodegenerative disorders.](#) Eye (Lond), 29, 200-7
- 2015 Ajina S, **Kennard C**, Rees G, Bridge H. [Motion area V5/MT+ response to global motion in the absence of V1 resembles early visual cortex.](#) Brain, 138, 164-78
- 2015 Ajina S, **Kennard C**, Rees G, Bridge H. Absent contrast saturation in hMT+ after V1 damage. J Neuroscience, 35, 8201-13
- 2015 Antoniades CA, Demeyere N, **Kennard C**, Humphreys GW, Hu MT. Antisaccades and executive dysfunction in early drug-naïve Parkinson's disease. Movement Disorders, 30, 843-7
- 2015 van Rheede JJ, Wilson IR, Qian RI, Downes SM, **Kennard C**, Hicks SL. Improving mobility performance in low vision with a distance-based representation of the visual world. Invest Ophthalmol Vis Sci 56, 4802-9
- 2015 Antoniades C, **Kennard C**. Oculomotor abnormalities in posterior cortical atrophy: are they different from those in Alzheimer's disease after all. Brain, 138, 1773-5
- 2015 Chechlacz M, Humphreys GW, Sotiropoulos SN, **Kennard C**, Cazzoli D. Structural Organization of the Corpus Callosum Predicts Attentional Shifts Following Continuous Theta Burst Stimulation. J Neurosci, 35, 15353-68.
- 2015 Antoniades CA, Rebelo P, **Kennard C**, Aziz TZ, Green AL, FitzGerald JJ. Pallidal Deep Brain Stimulation Improves Higher Control of the Oculomotor System in Parkinson's disease. J Neurosci, 35, 13043–13052.
- 2015 Cazzoli D, Rosenthal CR, **Kennard C**, Zito GA, Hopfner S, Müri RM, Nyffeler T. Theta burst stimulation improves overt visual search in spatial neglect independently of attentional load. Cortex, 73:317-29.
- 2015 Proudfoot M, Menke AL, Sharma S, Berna C, Hicks SL, **Kennard C**, Talbot K, Turner MR. Eye-tracking in amyotrophic lateral sclerosis: a longitudinal study of saccadic and cognitive tasks. Amyotrophic lateral sclerosis and fronto-temporal dementia, 17(1-2):101-11 (e-version)
- 2015 Ajina S, Pestilli F, Rokem A, **Kennard C**, Bridge H. Human blindsight is mediated by an intact geniculocalcarine pathway. eLife, e08935.
- 2016** Rosenthal CR, Andrews SK, Antoniades CA, **Kennard C**, Soto D. Learning and recognition of a non-conscious sequence of events in human primary cortex. Current Biology, 26(6):834-41.

- 2016 Thomas V. Wiecki, Sara Tabrizi, Chrystalina Antoniades, **Kennard C**, Beth Borowsky, Monica Lewis, Mina Creathorn, Michael J. Frank. A computational cognitive biomarker for early-stage Huntington's disease. Plos1, 11(2), e0148409.
- 2016 Zwergal A, Brandt T, Magnusson M, **Kennard C**.DIZZYNET- a European network initiative for vertigo and balance research: wvisions and aims. J Neurol. 2016 Apr;263 Suppl 1:2-9.
- 2016 Choi JY, Kim JE, Han JH, Yun CH, **Kennard C**, Kim JS.Cerebral macrokinetopsia: exaggerated perception of retinal image motion. J Neurol Sci. 2016 Aug 15;367:128-30