B G Cleland

List of Publications by Year in Descending Order

41 papers	3,993 citations	24 h-index	41 g-index
41 ext. papers	4,114 ext. citations	4 avg, IF	4.49 L-index

#	Paper	IF	Citations
41	An analysis of the effect of retinal ganglion cell impulses upon the firing probability of neurons in the dorsal lateral geniculate nucleus of the cat. *Brain Research*, **2001**, 902, 244-54	3.7	26
40	Tailoring of variability in the lateral geniculate nucleus of the cat. *Biological Cybernetics*, **1996**, 75, 219-27	2.8	16
39	Variability of responses of cat retinal ganglion cells. *Visual Neuroscience*, **1992**, 8, 277-9	1.7	15
38	Effects of selective pressure block of Y-type optic nerve fibers on the receptive-field properties of neurons in the striate cortex of the cat. *Visual Neuroscience*, **1992**, 9, 47-64	1.7	39
37	Effects of selective pressure block of Y-type optic nerve fibers on the receptive-field properties of neurons in area 18 of the visual cortex of the cat. *Visual Neuroscience*, **1992**, 9, 65-78	1.7	33
36	The rod-cone shift and its effect on ganglion cells in the catfs retina. *Vision Research*, **1992**, 32, 2209-19	2.1	21
35	Visual adaptation is highly localized in the catfs retina. *Journal of Physiology*, **1988**, 404, 591-611	3.9	21
34	A comparison of visual responses of cat lateral geniculate nucleus neurones with those of ganglion cells afferent to them. *Journal of Physiology*, **1985**, 369, 249-68	3.9	82
33	Is the retina sensitive to the effects of prolonged blur?. *Experimental Brain Research*, **1985**, 58, 427-34	2.3	17
32	Convergent strabismic amblyopia in cats. *Experimental Brain Research*, **1985**, 60, 1-9	2.3	21
31	The cat as a model for visual deprivation. *Australian and New Zealand Journal of Ophthalmology*, **1985**, 13, 263-9		4
30	Synaptic delay in the lateral geniculate nucleus of the cat. *Brain Research*, **1985**, 343, 236-45	3.7	15
29	Response to the velocity of moving visual stimuli of the brisk classes of ganglion cells in the cat retina. *Journal of Physiology*, **1983**, 345, 47-63	3.9	12
28	Sensitivity to stationary flashing spots of the brisk classes of ganglion cells in the cat retina. *Journal of Physiology*, **1983**, 345, 15-26	3.9	11
27	Response to the length of moving visual stimuli of the brisk classes of ganglion cells in the cat retina. *Journal of Physiology*, **1983**, 345, 27-45	3.9	9
26	Normality of spatial resolution of retinal ganglion cells in cats with strabismic amblyopia. *Journal of Physiology*, **1982**, 326, 235-49	3.9	59
25	Visual resolution of retinal ganglion cells in monocularly-deprived cats. *Brain Research*, **1980**, 192, 261-6	3.7	49

24	Visual resolution and receptive field size: examination of two kinds of cat retinal ganglion cell. *Science*, **1979**, 205, 1015-7	33.3	140
23	Organization of visual inputs to interneurons of lateral geniculate nucleus of the cat. *Journal of Neurophysiology*, **1977**, 40, 410-27	3.2	284
22	The retinal input to cells in area 17 of the catfs cortex. *Experimental Brain Research*, **1977**, 30, 527-38	2.3	51
21	Crossed and uncrossed representation of the visual field by brisk-sustained and brisk-transient cat retinal ganglion cells. *Vision Research*, **1976**, 16, 225-31	2.1	72
20	The crossed or uncrossed destination of axons of sluggish-concentric and non-concentric cat retinal ganglion cells, with an overall synthesis of the visual field representation. *Vision Research*, **1976**, 16, 233-6	2.1	66
19	Lateral geniculate relay of slowly conducting retinal afferents to cat visual cortex. *Journal of Physiology*, **1976**, 255, 299-320	3.9	131
18	The Intrinsic Connectivity of the LGN of the Cat **1976**, 493-496		1
17	Physiological identification of a morphological class of cat retinal ganglion cells. *Journal of Physiology*, **1975**, 248, 151-71	3.9	165
16	The distribution of the alpha type of ganglion cells in the catfs retina. *Journal of Comparative Neurology*, **1975**, 159, 419-38	3.4	215
15	Axonal conduction latencies of cat retinal ganglion cells in central and peripheral retina. *Experimental Brain Research*, **1975**, 23, 85-90	2.3	9
14	Long-latency retinal input to lateral geniculate neurones of the cat. *Brain Research*, **1975**, 91, 306-10	3.7	62
13	Axonal conduction velocity and perikaryal size. *Experimental Neurology*, **1975**, 49, 246-51	5.7	19
12	The nature of the finducedf discharge of cat retinal ganglion cells. *Journal of Physiology*, **1975**, 244, 60P-61P	3.9	1
11	Receptive fields of cat retinal ganglion cells having slowly conducting axons. *Brain Research*, **1974**, 74, 156-60	3.7	15
10	Properties of rarely encountered types of ganglion cells in the catfs retina and an overall classification. *Journal of Physiology*, **1974**, 240, 457-92	3.9	324
9	Selectivity of microelectrodes in recordings from cat retinal ganglion cells. *Journal of Neurophysiology*, **1974**, 37, 1387-93	3.2	35
8	Brisk and sluggish concentrically organized ganglion cells in the catfs retina. *Journal of Physiology*, **1974**, 240, 421-56	3.9	396
7	Properties of sustained and transient ganglion cells in the cat retina. *Journal of Physiology*, **1973**, 228, 649-80	3.9	241

6	On the apparent orbit of the Pulfrich pendulum. *Vision Research*, **1972**, 12, 1381-8	2.1	18
5	Lateral geniculate neurons of cat: retinal inputs and physiology. *Investigative Ophthalmology*, **1972**, 11, 302-11		95
4	Sustained and transient neurones in the catfs retina and lateral geniculate nucleus. *Journal of Physiology*, **1971**, 217, 473-96	3.9	849
3	Simultaneous recording of input and output of lateral geniculate neurones. *Nature: New Biology*, **1971**, 231, 191-2		152
2	Quantitative aspects of gain and latency in the cat retina. *Journal of Physiology*, **1970**, 206, 73-91	3.9	62
1	Quantitative aspects of sensitivity and summation in the cat retina. *Journal of Physiology*, **1968**, 198, 17-38	3.9	140