

# B G Cleland

## List of Publications by Citations

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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	Sustained and transient neurones in the cat's retina and lateral geniculate nucleus. <i>Journal of Physiology</i> , <b>1971</b> , 217, 473-96	3.9	849
40	Brisk and sluggish concentrically organized ganglion cells in the cat's retina. <i>Journal of Physiology</i> , <b>1974</b> , 240, 421-56	3.9	396
39	Properties of rarely encountered types of ganglion cells in the cat's retina and an overall classification. <i>Journal of Physiology</i> , <b>1974</b> , 240, 457-92	3.9	324
38	Organization of visual inputs to interneurons of lateral geniculate nucleus of the cat. <i>Journal of Neurophysiology</i> , <b>1977</b> , 40, 410-27	3.2	284
37	Properties of sustained and transient ganglion cells in the cat retina. <i>Journal of Physiology</i> , <b>1973</b> , 228, 649-80	3.9	241
36	The distribution of the alpha type of ganglion cells in the cat's retina. <i>Journal of Comparative Neurology</i> , <b>1975</b> , 159, 419-38	3.4	215
35	Physiological identification of a morphological class of cat retinal ganglion cells. <i>Journal of Physiology</i> , <b>1975</b> , 248, 151-71	3.9	165
34	Simultaneous recording of input and output of lateral geniculate neurones. <i>Nature: New Biology</i> , <b>1971</b> , 231, 191-2		152
33	Visual resolution and receptive field size: examination of two kinds of cat retinal ganglion cell. <i>Science</i> , <b>1979</b> , 205, 1015-7	33.3	140
32	Quantitative aspects of sensitivity and summation in the cat retina. <i>Journal of Physiology</i> , <b>1968</b> , 198, 17-38	3.9	140
31	Lateral geniculate relay of slowly conducting retinal afferents to cat visual cortex. <i>Journal of Physiology</i> , <b>1976</b> , 255, 299-320	3.9	131
30	Lateral geniculate neurons of cat: retinal inputs and physiology. <i>Investigative Ophthalmology</i> , <b>1972</b> , 11, 302-11		95
29	A comparison of visual responses of cat lateral geniculate nucleus neurones with those of ganglion cells afferent to them. <i>Journal of Physiology</i> , <b>1985</b> , 369, 249-68	3.9	82
28	Crossed and uncrossed representation of the visual field by brisk-sustained and brisk-transient cat retinal ganglion cells. <i>Vision Research</i> , <b>1976</b> , 16, 225-31	2.1	72
27	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. <i>Vision Research</i> , <b>1976</b> , 16, 233-6 <sup>1</sup>	2.1	66
26	Long-latency retinal input to lateral geniculate neurones of the cat. <i>Brain Research</i> , <b>1975</b> , 91, 306-10	3.7	62
25	Quantitative aspects of gain and latency in the cat retina. <i>Journal of Physiology</i> , <b>1970</b> , 206, 73-91	3.9	62

24	Normality of spatial resolution of retinal ganglion cells in cats with strabismic amblyopia. <i>Journal of Physiology</i> , <b>1982</b> , 326, 235-49	3.9	59
23	The retinal input to cells in area 17 of the cat's cortex. <i>Experimental Brain Research</i> , <b>1977</b> , 30, 527-38	2.3	51
22	Visual resolution of retinal ganglion cells in monocularly-deprived cats. <i>Brain Research</i> , <b>1980</b> , 192, 261-6	3.7	49
21	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. <i>Visual Neuroscience</i> , <b>1992</b> , 9, 47-64	1.7	39
20	Selectivity of microelectrodes in recordings from cat retinal ganglion cells. <i>Journal of Neurophysiology</i> , <b>1974</b> , 37, 1387-93	3.2	35
19	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. <i>Visual Neuroscience</i> , <b>1992</b> , 9, 65-78	1.7	33
18	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. <i>Brain Research</i> , <b>2001</b> , 902, 244-54	3.7	26
17	The rod-cone shift and its effect on ganglion cells in the cat's retina. <i>Vision Research</i> , <b>1992</b> , 32, 2209-19	2.1	21
16	Visual adaptation is highly localized in the cat's retina. <i>Journal of Physiology</i> , <b>1988</b> , 404, 591-611	3.9	21
15	Convergent strabismic amblyopia in cats. <i>Experimental Brain Research</i> , <b>1985</b> , 60, 1-9	2.3	21
14	Axonal conduction velocity and perikaryal size. <i>Experimental Neurology</i> , <b>1975</b> , 49, 246-51	5.7	19
13	On the apparent orbit of the Pulfrich pendulum. <i>Vision Research</i> , <b>1972</b> , 12, 1381-8	2.1	18
12	Is the retina sensitive to the effects of prolonged blur?. <i>Experimental Brain Research</i> , <b>1985</b> , 58, 427-34	2.3	17
11	Tailoring of variability in the lateral geniculate nucleus of the cat. <i>Biological Cybernetics</i> , <b>1996</b> , 75, 219-27	2.8	16
10	Variability of responses of cat retinal ganglion cells. <i>Visual Neuroscience</i> , <b>1992</b> , 8, 277-9	1.7	15
9	Synaptic delay in the lateral geniculate nucleus of the cat. <i>Brain Research</i> , <b>1985</b> , 343, 236-45	3.7	15
8	Receptive fields of cat retinal ganglion cells having slowly conducting axons. <i>Brain Research</i> , <b>1974</b> , 74, 156-60	3.7	15
7	Response to the velocity of moving visual stimuli of the brisk classes of ganglion cells in the cat retina. <i>Journal of Physiology</i> , <b>1983</b> , 345, 47-63	3.9	12

6	Sensitivity to stationary flashing spots of the brisk classes of ganglion cells in the cat retina. <i>Journal of Physiology</i> , <b>1983</b> , 345, 15-26	3.9	11
5	Response to the length of moving visual stimuli of the brisk classes of ganglion cells in the cat retina. <i>Journal of Physiology</i> , <b>1983</b> , 345, 27-45	3.9	9
4	Axonal conduction latencies of cat retinal ganglion cells in central and peripheral retina. <i>Experimental Brain Research</i> , <b>1975</b> , 23, 85-90	2.3	9
3	The cat as a model for visual deprivation. <i>Australian and New Zealand Journal of Ophthalmology</i> , <b>1985</b> , 13, 263-9		4
2	The nature of the induced discharge of cat retinal ganglion cells. <i>Journal of Physiology</i> , <b>1975</b> , 244, 60P-61P	3.9	1
1	The Intrinsic Connectivity of the LGN of the Cat <b>1976</b> , 493-496		1