

Colin Blakemore

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

10,211
citations

53794

45
h-index

79698

73
g-index

79
all docs

79
docs citations

79
times ranked

6035
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the Brain depends on the Visual Environment. <i>Nature</i> , 1970, 228, 477-478.	27.8	971
2	Development of the human cerebral cortex: Boulder Committee revisited. <i>Nature Reviews Neuroscience</i> , 2008, 9, 110-122.	10.2	800
3	Lateral inhibition between orientation detectors in the cat's visual cortex. <i>Experimental Brain Research</i> , 1972, 15, 439-40.	1.5	622
4	Lateral Inhibition between Orientation Detectors in the Human Visual System. <i>Nature</i> , 1970, 228, 37-39.	27.8	538
5	Delaying the onset of Huntington's in mice. <i>Nature</i> , 2000, 404, 721-722.	27.8	475
6	Reversal of the physiological effects of monocular deprivation in kittens: further evidence for a sensitive period. <i>Journal of Physiology</i> , 1974, 237, 195-216.	2.9	411
7	Environmental Enrichment Rescues Protein Deficits in a Mouse Model of Huntington's Disease, Indicating a Possible Disease Mechanism. <i>Journal of Neuroscience</i> , 2004, 24, 2270-2276.	3.6	342
8	How do thalamic axons find their way to the cortex?. <i>Trends in Neurosciences</i> , 1995, 18, 389-397.	8.6	326
9	Environmental enrichment slows disease progression in R6/2 Huntington's disease mice. <i>Annals of Neurology</i> , 2002, 51, 235-242.	5.3	303
10	Mechanisms Underlying the Early Establishment of Thalamocortical Connections in the Rat. <i>Journal of Neuroscience</i> , 1998, 18, 5723-5745.	3.6	290
11	The range and scope of binocular depth discrimination in man. <i>Journal of Physiology</i> , 1970, 211, 599-622.	2.9	255
12	An analysis of orientation selectivity in the cat's visual cortex. <i>Experimental Brain Research</i> , 1974, 20, 1-17.	1.5	242
13	Interactions between orientations in human vision. <i>Experimental Brain Research</i> , 1973, 18, 287-303.	1.5	234
14	Environmental Modification of the Visual Cortex and the Neural Basis of Learning and Memory. <i>Nature</i> , 1973, 241, 467-468.	27.8	232
15	Stimulus specificity in the human visual system. <i>Vision Research</i> , 1973, 13, 1915-1931.	1.4	217
16	Lack of regional specificity for connections formed between thalamus and cortex in coculture. <i>Nature</i> , 1991, 351, 475-477.	27.8	209
17	Dendritic spine pathology and deficits in experience-dependent dendritic plasticity in R6/1 Huntington's disease transgenic mice. <i>European Journal of Neuroscience</i> , 2004, 19, 2799-2807.	2.6	172
18	Cognitive disorders and neurogenesis deficits in Huntington's disease mice are rescued by fluoxetine. <i>European Journal of Neuroscience</i> , 2005, 22, 2081-2088.	2.6	170

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19	Binocular depth perception and the corpus callosum. <i>Vision Research</i> , 1970, 10, 49-54.	1.4	161
20	The first neurons of the human cerebral cortex. <i>Nature Neuroscience</i> , 2006, 9, 880-886.	14.8	155
21	Neurogenesis in the R6/1 transgenic mouse model of Huntington's disease: effects of environmental enrichment. <i>European Journal of Neuroscience</i> , 2006, 23, 1829-1838.	2.6	151
22	The Role of the First Postmitotic Cortical Cells in the Development of Thalamocortical Innervation in the Reeler Mouse. <i>Journal of Neuroscience</i> , 1998, 18, 5746-5765.	3.6	147
23	Decreased hippocampal cell proliferation in R6/1 Huntington's mice. <i>NeuroReport</i> , 2004, 15, 811-813.	1.2	142
24	Different mechanisms underlie three inhibitory phenomena in cat area 17. <i>Vision Research</i> , 1998, 38, 2067-2080.	1.4	138
25	A second neural mechanism of binocular depth discrimination. <i>Journal of Physiology</i> , 1972, 226, 725-749.	2.9	136
26	Regressive events in the postnatal development of association projections in the visual cortex. <i>Nature</i> , 1985, 316, 721-724.	27.8	130
27	N-Acetylaspartate and DARPP-32 levels decrease in the corpus striatum of Huntington's disease mice. <i>NeuroReport</i> , 2000, 11, 3751-3757.	1.2	106
28	Effects of bicuculline on functions of inhibition in visual cortex. <i>Nature</i> , 1974, 249, 375-377.	27.8	104
29	Wheel running from a juvenile age delays onset of specific motor deficits but does not alter protein aggregate density in a mouse model of Huntington's disease. <i>BMC Neuroscience</i> , 2008, 9, 34.	1.9	104
30	Deficits in Experience-Dependent Cortical Plasticity and Sensory-Discrimination Learning in Presymptomatic Huntington's Disease Mice. <i>Journal of Neuroscience</i> , 2005, 25, 3059-3066.	3.6	103
31	A new kind of stereoscopic vision. <i>Vision Research</i> , 1970, 10, 1181-1199.	1.4	102
32	Interocular control of neuronal responsiveness in cat visual cortex. <i>Nature</i> , 1994, 368, 847-850.	27.8	101
33	Evidence for disparity detecting neurones in the human visual system. <i>Journal of Physiology</i> , 1972, 225, 437-455.	2.9	87
34	Maturation and Modification in the Developing Visual System. , 1978, , 377-436.		83
35	Monocular and binocular deprivation in the monkey: Morphological effects and reversibility. <i>Brain Research</i> , 1978, 158, 45-64.	2.2	78
36	Correlated binocular activity guides recovery from monocular deprivation. <i>Nature</i> , 2002, 416, 430-433.	27.8	77

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37	Eye Dominance in the Visual Cortex. <i>Nature</i> , 1970, 225, 426-429.	27.8	75
38	Normal Development of Embryonic Thalamocortical Connectivity in the Absence of Evoked Synaptic Activity. <i>Journal of Neuroscience</i> , 2002, 22, 10313-10323.	3.6	74
39	Binocular depth perception and the optic chiasm. <i>Vision Research</i> , 1970, 10, 43-47.	1.4	68
40	Development of Signals Influencing the Growth and Termination of Thalamocortical Axons in Organotypic Culture. <i>Experimental Neurology</i> , 1999, 156, 363-393.	4.1	68
41	Olfactory abnormalities in Huntington's disease: Decreased plasticity in the primary olfactory cortex of R6/1 transgenic mice and reduced olfactory discrimination in patients. <i>Brain Research</i> , 2007, 1151, 219-226.	2.2	62
42	Modification of single neurons in the kitten's visual cortex after brief periods of monocular visual experience. <i>Experimental Brain Research</i> , 1975, 22, 57-68.	1.5	61
43	Functional imaging of brain areas involved in the processing of coherent and incoherent wide field-of-view visual motion. <i>Experimental Brain Research</i> , 2000, 131, 393-405.	1.5	61
44	Formation of Cortical Fields on a Reduced Cortical Sheet. <i>Journal of Neuroscience</i> , 1999, 19, 9939-9952.	3.6	57
45	Anterior cingulate cortical transplantation in transgenic Huntington's disease mice. <i>Brain Research Bulletin</i> , 2001, 56, 313-318.	3.0	56
46	Development of thalamocortical projections in the South American gray short-tailed opossum (<i>Monodelphis domestica</i>). , 1998, 398, 491-514.		51
47	Form and motion have independent access to consciousness. <i>Nature Neuroscience</i> , 1999, 2, 405-406.	14.8	50
48	Functional architecture of area 17 in normal and monocularly deprived marmosets (<i>Callithrix</i>). <i>Journal of Neuroscience</i> , 1998, 18, 10000-10010.	1.0	48
49	Development of orientation columns in cat striate cortex revealed by 2-deoxyglucose autoradiography. <i>Nature</i> , 1983, 301, 712-715.	27.8	46
50	Pattern motion is present in V1 of awake but not anaesthetized monkeys. <i>European Journal of Neuroscience</i> , 2004, 19, 1055-1066.	2.6	46
51	Experimental Creation of Unusual Neuronal Properties in Visual Cortex of Kitten. <i>Nature</i> , 1973, 246, 506-508.	27.8	40
52	Lateral Thinking about Lateral Inhibition. <i>Nature</i> , 1971, 234, 418-419.	27.8	38
53	Morphology and Growth Patterns of Developing Thalamocortical Axons. <i>Journal of Neuroscience</i> , 2000, 20, 3650-3662.	3.6	37
54	Impaired learning-dependent cortical plasticity in Huntington's disease transgenic mice. <i>Neurobiology of Disease</i> , 2004, 17, 427-434.	4.4	36

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55	Tangential Networks of Precocious Neurons and Early Axonal Outgrowth in the Embryonic Human Forebrain. <i>Journal of Neuroscience</i> , 2005, 25, 2781-2792.	3.6	36
56	Functional reinnervation in kitten visual cortex. <i>Nature</i> , 1974, 251, 504-505.	27.8	35
57	“Super-Enrichment” Reveals Dose-Dependent Therapeutic Effects of Environmental Stimulation in a Transgenic Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2014, 3, 299-309.	1.9	35
58	Implementing the 3Rs in Neuroscience Research: A Reasoned Approach. <i>Neuron</i> , 2012, 75, 948-950.	8.1	32
59	Eye-opening in kittens. <i>Vision Research</i> , 1975, 15, 1417-IN9.	1.4	24
60	Evidence for a loss of afferent axons in the visual cortex of monocularly deprived cats. <i>Neuroscience Letters</i> , 1975, 1, 271-276.	2.1	23
61	Sensitive and Vulnerable Periods in the Development of the Visual System. <i>Novartis Foundation Symposium</i> , 1991, 156, 129-154.	1.1	22
62	Rapid restoration of functional input to the visual cortex of the cat after brief monocular deprivation. <i>Journal of Physiology</i> , 1982, 327, 463-487.	2.9	18
63	Organization of the visual pathways in the newborn kitten. <i>Neuroscience Research</i> , 1986, 3, 628-659.	1.9	17
64	Putting a value on medical research. <i>Lancet, The</i> , 2006, 367, 1293-1295.	13.7	12
65	Central Visual Processing. , 1975, , 241-268.		12
66	In celebration of cerebration. <i>Lancet, The</i> , 2005, 366, 2035-2.	13.7	11
67	Guidance of Thalamocortical Innervation. <i>Novartis Foundation Symposium</i> , 1995, 193, 127-149.	1.1	11
68	Visual Deprivation in Monkeys: its Effects and its Reversal. <i>Progress in Brain Research</i> , 1979, 51, 445-456.	1.4	4
69	Research involving animals. <i>Nature</i> , 1995, 374, 670-670.	27.8	4
70	Is a scientific boycott ever justified?. <i>Nature</i> , 2003, 421, 314-314.	27.8	3
71	Is a scientific boycott ever justified?. <i>Nature</i> , 2003, 421, 314-314.	27.8	2
72	Reversal of the Effects of Visual Deprivation in Monkeys. , 1979, , 261-265.		2

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73	Is "ambient vision" distributed in the brain?. Journal of Vestibular Research: Equilibrium and Orientation, 2000, 10, 221-225.	2.0	2
74	Introduction: Mysteries in the Making of the Cerebral Cortex. Novartis Foundation Symposium, 1995, 193, 1-20.	1.1	2
75	Representation of Reality in the Perceptual World. Novartis Foundation Symposium, 1979, , 139-152.	1.1	1