Colin Blakemore

List of Publications by Year
in descending order

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	â€˜Super-Enrichmentâ€™ Reveals Dose-Dependent Therapeutic Effects of Environmental Stimulation in a Transgenic Mouse Model of Huntington's Disease. Journal of Huntington's Disease, 2014, 3, 299-309.	1.9	35
2	Implementing the 3Rs in Neuroscience Research: A Reasoned Approach. Neuron, 2012, 75, 948-950.	8.1	32
3	Development of the human cerebral cortex: Boulder Committee revisited. Nature Reviews Neuroscience, 2008, 9, 110-122.	10.2	800
4	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. BMC Neuroscience, 2008, 9, 34.	1.9	104
5	Olfactory abnormalities in Huntingtonâ€™s disease: Decreased plasticity in the primary olfactory cortex of R6/1 transgenic mice and reduced olfactory discrimination in patients. Brain Research, 2007, 1151, 219-226.	2.2	62
6	Putting a value on medical research. Lancet, The, 2006, 367, 1293-1295.	13.7	12
7	Neurogenesis in the R6/1 transgenic mouse model of Huntington's disease: effects of environmental enrichment. European Journal of Neuroscience, 2006, 23, 1829-1838.	2.6	151
8	The first neurons of the human cerebral cortex. Nature Neuroscience, 2006, 9, 880-886.	14.8	155
9	Cognitive disorders and neurogenesis deficits in Huntington's disease mice are rescued by fluoxetine. European Journal of Neuroscience, 2005, 22, 2081-2088.	2.6	170
10	Deficits in Experience-Dependent Cortical Plasticity and Sensory-Discrimination Learning in Presymptomatic Huntington's Disease Mice. Journal of Neuroscience, 2005, 25, 3059-3066.	3.6	103
11	Tangential Networks of Precocious Neurons and Early Axonal Outgrowth in the Embryonic Human Forebrain. Journal of Neuroscience, 2005, 25, 2781-2792.	3.6	36
12	In celebration of cerebration. Lancet, The, 2005, 366, 2035-2.	13.7	11
13	Environmental Enrichment Rescues Protein Deficits in a Mouse Model of Huntington's Disease, Indicating a Possible Disease Mechanism. Journal of Neuroscience, 2004, 24, 2270-2276.	3.6	342
14	Pattern motion is present in V1 of awake but not anaesthetized monkeys. European Journal of Neuroscience, 2004, 19, 1055-1066.	2.6	46
15	Dendritic spine pathology and deficits in experience-dependent dendritic plasticity in R6/1 Huntington's disease transgenic mice. European Journal of Neuroscience, 2004, 19, 2799-2807.	2.6	172
16	Impaired learning-dependent cortical plasticity in Huntington's disease transgenic mice. Neurobiology of Disease, 2004, 17, 427-434.	4.4	36
17	Decreased hippocampal cell proliferation in R6/1 Huntingtonâ€™s mice. NeuroReport, 2004, 15, 811-813.	1.2	142
18	Is a scientific boycott ever justified?. Nature, 2003, 421, 314-314.	27.8	2

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19	Is a scientific boycott ever justified?. Nature, 2003, 421, 314-314.	27.8	3
20	Normal Development of Embryonic Thalamocortical Connectivity in the Absence of Evoked Synaptic Activity. Journal of Neuroscience, 2002, 22, 10313-10323.	3.6	74
21	Environmental enrichment slows disease progression in R6/2 Huntington's disease mice. Annals of Neurology, 2002, 51, 235-242.	5.3	303
22	Correlated binocular activity guides recovery from monocular deprivation. Nature, 2002, 416, 430-433.	27.8	77
23	Anterior cingulate cortical transplantation in transgenic Huntingtonâ€™s disease mice. Brain Research Bulletin, 2001, 56, 313-318.	3.0	56
24	N-Acetylaspartate and DARPP-32 levels decrease in the corpus striatum of HuntingtonÊ¼s disease mice. NeuroReport, 2000, 11, 3751-3757.	1.2	106
25	Delaying the onset of Huntington's in mice. Nature, 2000, 404, 721-722.	27.8	475
26	Functional imaging of brain areas involved in the processing of coherent and incoherent wide field-of-view visual motion. Experimental Brain Research, 2000, 131, 393-405.	1.5	61
27	Morphology and Growth Patterns of Developing Thalamocortical Axons. Journal of Neuroscience, 2000, 20, 3650-3662.	3.6	37
28	Is â€œambient visionâ€• distributed in the brain?. Journal of Vestibular Research: Equilibrium and Orientation, 2000, 10, 221-225.	2.0	2
29	Formation of Cortical Fields on a Reduced Cortical Sheet. Journal of Neuroscience, 1999, 19, 9939-9952.	3.6	57
30	Form and motion have independent access to consciousness. Nature Neuroscience, 1999, 2, 405-406.	14.8	50
31	Development of Signals Influencing the Growth and Termination of Thalamocortical Axons in Organotypic Culture. Experimental Neurology, 1999, 156, 363-393.	4.1	68
32	Development of thalamocortical projections in the South American gray short-tailed opossum (Monodelphis domestica). , 1998, 398, 491-514.		51
33	Different mechanisms underlie three inhibitory phenomena in cat area 17. Vision Research, 1998, 38, 2067-2080.	1.4	138
34	Mechanisms Underlying the Early Establishment of Thalamocortical Connections in the Rat. Journal of Neuroscience, 1998, 18, 5723-5745.	3.6	290
35	The Role of the First Postmitotic Cortical Cells in the Development of Thalamocortical Innervation in the<i>Reeler</i>Mouse. Journal of Neuroscience, 1998, 18, 5746-5765.	3.6	147
36	Functional architecture of area 17 in normal and monocularly deprived marmosets (Callithrix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.0	48

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37	Research involving animals. Nature, 1995, 374, 670-670.	27.8	4
38	How do thalamic axons find their way to the cortex?. Trends in Neurosciences, 1995, 18, 389-397.	8.6	326
39	Introduction: Mysteries in the Making of the Cerebral Cortex. Novartis Foundation Symposium, 1995, 193, 1-20.	1.1	2
40	Guidance of Thalamocortical Innervation. Novartis Foundation Symposium, 1995, 193, 127-149.	1.1	11
41	Interocular control of neuronal responsiveness in cat visual cortex. Nature, 1994, 368, 847-850.	27.8	101
42	Lack of regional specificity for connections formed between thalamus and cortex in coculture. Nature, 1991, 351, 475-477.	27.8	209
43	Sensitive and Vulnerable Periods in the Development of the Visual System. Novartis Foundation Symposium, 1991, 156, 129-154.	1.1	22
44	Organization of the visual pathways in the newborn kitten. Neuroscience Research, 1986, 3, 628-659.	1.9	17
45	Regressive events in the postnatal development of association projections in the visual cortex. Nature, 1985, 316, 721-724.	27.8	130
46	Development of orientation columns in cat striate cortex revealed by 2-deoxyglucose autoradiography. Nature, 1983, 301, 712-715.	27.8	46
47	Rapid restoration of functional input to the visual cortex of the cat after brief monocular deprivation. Journal of Physiology, 1982, 327, 463-487.	2.9	18
48	Visual Deprivation in Monkeys: its Effects and its Reversal. Progress in Brain Research, 1979, 51, 445-456.	1.4	4
49	Representation of Reality in the Perceptual World. Novartis Foundation Symposium, 1979, , 139-152.	1.1	1
50	Reversal of the Effects of Visual Deprivation in Monkeys. , 1979, , 261-265.		2
51	Monocular and binocular deprivation in the monkey: Morphological effects and reversibility. Brain Research, 1978, 158, 45-64.	2.2	78
52	Maturation and Modification in the Developing Visual System. , 1978, , 377-436.		83
53	Evidence for a loss of afferent axons in the visual cortex of monocularly deprived cats. Neuroscience Letters, 1975, 1, 271-276.	2.1	23
54	Modification of single neurons in the kitten's visual cortex after brief periods of monocular visual experience. Experimental Brain Research, 1975, 22, 57-68.	1.5	61

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55	Eye-opening in kittens. Vision Research, 1975, 15, 1417-IN9.	1.4	24
56	Central Visual Processing. , 1975, , 241-268.		12
57	An analysis of orientation selectivity in the cat's visual cortex. Experimental Brain Research, 1974, 20, 1-17.	1.5	242
58	Effects of bicuculline on functions of inhibition in visual cortex. Nature, 1974, 249, 375-377.	27.8	104
59	Functional reinnervation in kitten visual cortex. Nature, 1974, 251, 504-505.	27.8	35
60	Reversal of the physiological effects of monocular deprivation in kittens: further evidence for a sensitive period. Journal of Physiology, 1974, 237, 195-216.	2.9	411
61	Interactions between orientations in human vision. Experimental Brain Research, 1973, 18, 287-303.	1.5	234
62	Environmental Modification of the Visual Cortex and the Neural Basis of Learning and Memory. Nature, 1973, 241, 467-468.	27.8	232
63	Experimental Creation of Unusual Neuronal Properties in Visual Cortex of Kitten. Nature, 1973, 246, 506-508.	27.8	40
64	Stimulus specificity in the human visual system. Vision Research, 1973, 13, 1915-1931.	1.4	217
65	A second neural mechanism of binocular depth discrimination. Journal of Physiology, 1972, 226, 725-749.	2.9	136
66	Evidence for disparity detecting neurones in the human visual system. Journal of Physiology, 1972, 225, 437-455.	2.9	87
67	Lateral inhibition between orientation detectors in the cat's visual cortex. Experimental Brain Research, 1972, 15, 439-40.	1.5	622
68	Lateral Thinking about Lateral Inhibition. Nature, 1971, 234, 418-419.	27.8	38
69	The range and scope of binocular depth discrimination in man. Journal of Physiology, 1970, 211, 599-622.	2.9	255
70	Eye Dominance in the Visual Cortex. Nature, 1970, 225, 426-429.	27.8	75
71	Lateral Inhibition between Orientation Detectors in the Human Visual System. Nature, 1970, 228, 37-39.	27.8	538
72	Development of the Brain depends on the Visual Environment. Nature, 1970, 228, 477-478.	27.8	971

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73	A new kind of stereoscopic vision. Vision Research, 1970, 10, 1181-1199.	1.4	102
74	Binocular depth perception and the optic chiasm. Vision Research, 1970, 10, 43-47.	1.4	68
75	Binocular depth perception and the corpus callosum. Vision Research, 1970, 10, 49-54.	1.4	161