Herbert P Killackey

List of Publications by Year
in descending order

61	5,691	81839	149623
papers	citations	39 h-index	56 g-index

63	63	63	1703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Refinement of the Primate Corticospinal Pathway During Prenatal Development. Cerebral Cortex, 2020, 30, 656-671.	1.6	6
2	How Areal Specification Shapes the Local and Interareal Circuits in a Macaque Model of Congenital Blindness. Cerebral Cortex, 2018, 28, 3017-3034.	1.6	24
3	Corticothalamic Projections from the Rat Primary Somatosensory Cortex. Journal of Neuroscience, 2003, 23, 7381-7384.	1.7	118
4	Suppression of Hindlimb Inputs to S-I Forelimb-Stump Representation of Rats With Neonatal Forelimb Removal: GABA Receptor Blockade and Single-Cell Responses. Journal of Neurophysiology, 2000, 83, 3377-3387.	0.9	17
5	Source of Inappropriate Receptive Fields in Cortical Somatotopic Maps From Rats That Sustained Neonatal Forelimb Removal. Journal of Neurophysiology, 1999, 81, 625-633.	0.9	15
6	Thalamocortical and intracortical projections to the forelimb-stump SI representation of rats that sustained neonatal forelimb removal. Journal of Comparative Neurology, 1998, 401, 187-204.	0.9	28
7	Blockade of GABAergic Inhibition Reveals Reordered Cortical Somatotopic Maps in Rats That Sustained Neonatal Forelimb Removal. Journal of Neurophysiology, 1997, 77, 2723-2735.	0.9	29
8	Sensitive period for lesion-induced reorganization of intracortical projections within the vibrissae representation of rat's primary somatosensory cortex. , 1997, 389, 185-192.		23
9	Individual axon morphology and thalamocortical topography in developing rat somatosensory cortex. Journal of Comparative Neurology, 1996, 367, 36-53.	0.9	150
10	Development and plasticity of local intracortical projections within the vibrissae representation of the rat primary somatosensory cortex. , 1996, 370, 524-535.		25
11	Phenotypic characterisation of respecified visual cortex subsequent to prenatal enucleation in the monkey: Development of acetylcholinesterase and cytochrome oxidase patterns. , 1996, 376, 386-402.		32
12	Patterning of local intracortical projections within the vibrissae representation of rat primary somatosensory cortex. Journal of Comparative Neurology, 1995, 354, 551-563.	0.9	104
13	The formation of a cortical somatotopic map. Trends in Neurosciences, 1995, 18, 402-407.	4.2	148
14	Lesion-induced changes in the central terminal distribution of galanin-immunoreactive axons in the dorsal column nuclei. Journal of Comparative Neurology, 1993, 332, 378-389.	0.9	13
15	Thalamic processing of vibrissal information in the rat. I. Afferent input to the medial ventral posterior and posterior nuclei. Journal of Comparative Neurology, 1991, 314, 201-216.	0.9	117
16	Thalamic processing of vibrissal information in the rat: II. Morphological and functional properties of medial ventral posterior nucleus and posterior nucleus neurons. Journal of Comparative Neurology, 1991, 314, 217-236.	0.9	94
17	Neocortical Expansion: An Attempt toward Relating Phylogeny and Ontogeny. Journal of Cognitive Neuroscience, 1990, 2, 1-17.	1.1	157
18	Static and Dynamic Aspects of Cortical Somatotopy: A Critical Evaluation. Journal of Cognitive Neuroscience, 1989, 1, 3-11.	1.1	27

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19	Laminar and areal differences in the origin of the subcortical projection neurons of the rat somatosensory cortex. Journal of Comparative Neurology, 1989, 282, 428-445.	0.9	99
20	Expansion of the Central Hindpaw Representation Following Fetal Forelimb Removal in the Rat. European Journal of Neuroscience, 1989, 1, 210-221.	1.2	43
21	Callosal projection neurons in area 17 of the fetal rhesus monkey. Developmental Brain Research, 1989, 46, 303-308.	2.1	75
22	Evidence for two complementary patterns of thalamic input to the rat somatosensory cortex. Brain Research, 1988, 463, 346-351.	1.1	219
23	The organization and mutability of the forepaw and hindpaw representations in the somatosensory cortex of the neonatal rat. Journal of Comparative Neurology, 1987, 256, 246-256.	0.9	175
24	Ontogenetic change in the distribution of callosal projection neurons in the postcentral gyrus of the fetal rhesus monkey. Journal of Comparative Neurology, 1986, 244, 331-348.	0.9	84
25	The organization of the neonatal rat's brainstem trigeminal complex and its role in the formation of central trigeminal patterns. Journal of Comparative Neurology, 1985, 240, 265-287.	0.9	110
26	The role of the principal sensory nucleus in central trigeminal pattern formation. Developmental Brain Research, 1985, 22, 141-145.	2.1	74
27	Distinguishing topography and somatotopy in the thalamocortical projections of the developing rat. Developmental Brain Research, 1985, 17, 309-313.	2.1	42
28	The Organization of Somatosensory Callosal Projections. , 1985, , 41-53.		3
29	The emergence of a discretely distributed pattern of corticospinal projection neurons. Developmental Brain Research, 1984, 13, 265-273.	2.1	94
30	Variability in the distribution of callosal projection neurons in the adult rat parietal cortex. Brain Research, 1984, 306, 53-61.	1.1	30
31	Evidence for the complementary organization of callosal and thalamic connections within rat somatosensory cortex. Brain Research, 1984, 291, 364-368.	1.1	147
32	Development of order in the rat trigeminal system. Journal of Comparative Neurology, 1983, 213, 365-380.	0.9	149
33	The somatosensory cortex of the rodent. Trends in Neurosciences, 1983, 6, 425-429.	4.2	43
34	Chapter 6 Critical and Sensitive Periods in Neurobiology. Current Topics in Developmental Biology, 1982, 17, 207-240.	1.0	24
35	Order in the developing rat trigeminal nerve. Developmental Brain Research, 1982, 3, 305-310.	2.1	23
36	Central correlates of peripheral pattern alterations in the trigeminal system of the rat. III. Neurons of the principal sensory nucleus. Developmental Brain Research, 1982, 5, 108-113.	2.1	31

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37	Ephemeral cellular segmentation in the thalamus of the neonatal rat. Developmental Brain Research, 1981, 2, 1-17.	2.1	48
38	Central correlates of peripheral pattern alterations in the trigeminal system of the rat. II. The effect of nerve section. Developmental Brain Research, 1981, 1, 121-126.	2.1	58
39	The ontogeny of the distribution of callosal projection neurons in the rat parietal cortex. Journal of Comparative Neurology, 1981, 195, 367-389.	0.9	293
40	Trigeminal projections to the superior colliculus of the rat. Journal of Comparative Neurology, 1981, 201, 221-242.	0.9	146
41	The sensitive period in the development of the trigeminal system of the neonatal rat. Journal of Comparative Neurology, 1980, 193, 335-350.	0.9	205
42	Central correlates of peripheral pattern alterations in the trigeminal system of the rat. Brain Research, 1980, 183, 205-210.	1.1	39
43	Differential organization of thalamic projection cells in the brain stem trigeminal complex of the rat. Brain Research, 1980, 198, 427-433.	1.1	109
44	The formation of afferent patterns in the somatosensory cortex of the neonatal rat. Journal of Comparative Neurology, 1979, 183, 285-303.	0.9	284
45	Vibrissae representation in subcortical trigeminal centers of the neonatal rat. Journal of Comparative Neurology, 1979, 183, 305-321.	0.9	220
46	The development of vibrissae representation in subcortical trigeminal centers of the neonatal rat. Journal of Comparative Neurology, 1979, 188, 63-74.	0.9	157
47	Efferent connections of the brainstem trigeminal complex with the facial nucleus of the rat. Journal of Comparative Neurology, 1979, 188, 75-86.	0.9	104
48	Differential distribution of callosal projection neurons in the neonatal and adult rat. Brain Research, 1979, 173, 532-537.	1.1	171
49	Segregation of cortical and trigeminal afferents to the ventrobasal complex of the neonatal rat. Brain Research, 1979, 161, 527-532.	1.1	17
50	Peripheral Influences on Connectivity in the Developing Rat Trigeminal System. , 1979, , 381-390.		1
51	Organization of corticocortical connections in the parietal cortex of the rat. Journal of Comparative Neurology, 1978, 181, 513-537.	0.9	236
52	Transient populations of glial cells in developing rat telencephalon revealed by horseradish peroxidase. Brain Research, 1978, 158, 213-218.	1.1	39
53	Anomalous organization of SMI somatotopic map consequent to vibrissae removal in the newborn rat. Brain Research, 1978, 155, 136-140.	1.1	66
54	Anatomical correlates of the forelimb in the ventrobasal complex and the cuneate nucleus of the neonatal rat. Brain Research, 1978, 158, 450-455.	1.1	29

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55	Anomalous organization of thalamocortical projections consequent to vibrissae removal in the newborn rat and mouse. Brain Research, 1976, 104, 309-315.	1.1	159
56	Changes in pyramidal cell density consequent to vibrissae removal in the newborn rat. Brain Research, 1975, 96, 82-87.	1.1	37
57	Differential effect of enucleation on two populations of layer V pyramidal cells. Brain Research, 1975, 88, 554-559.	1.1	54
58	Increased spine density in auditory cortex following visual or somatic deafferentation. Brain Research, 1975, 90, 143-146.	1.1	70
59	The organization of specific thalamocortical projections to the posteromedial barrel subfield of the rat somatic sensory cortex. Brain Research, 1975, 86, 469-472.	1.1	176
60	Differential telencephalic projections of the medial and ventral divisions of the medial geniculate body of the rat. Brain Research, 1974, 82, 173-177.	1.1	130
61	Anatomical evidence for cortical subdivisions based on vertically discrete thalamic projections from the ventral posterior nucleus to cortical barrels in the rat. Brain Research, 1973, 51, 326-331.	1.1	250