

# Thalamo-cortical connections and their correlation with cat's lateral suprasylvian visual cortex

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Visual receptive field properties in the posterior suprasylvian cortex of the cat: A comparison between the areas PMLS and PLLS. <i>Vision Research</i> , 1987, 27, 343-356.	1.4	54
2	Effects of monocular strobe rearing on kitten striate cortex. <i>Experimental Brain Research</i> , 1987, 68, 525-32.	1.5	5
3	Chapter 9: Visual function of the cat's LP/LS subsystem in global motion processing. <i>Progress in Brain Research</i> , 1988, 75, 95-108.	1.4	22
4	Chapter 19: Influence of areas 17, 18, and 19 on receptive-field properties of neurons in the cat's posteromedial lateral suprasylvian visual cortex. <i>Progress in Brain Research</i> , 1988, 75, 197-210.	1.4	14
5	Retinotopic organization within the lateral posterior complex of the cat. <i>Journal of Comparative Neurology</i> , 1989, 285, 350-398.	1.6	61
6	Different anisotropies of movement direction in upper and lower layers of the cat's area 18 and their implications for global optic flow processing. <i>Experimental Brain Research</i> , 1989, 74, 395-401.	1.5	10
7	Centrifugal motion bias in the cat's lateral suprasylvian visual cortex is independent of early flow field exposure.. <i>Journal of Physiology</i> , 1990, 423, 641-660.	2.9	20
8	Functional differentiation between the anterior and posterior Clare-Bishop cortex of the cat. <i>Experimental Brain Research</i> , 1990, 81, 221-33.	1.5	28
9	Properties of area 17/18 border neurons contributing to the visual transcallosal pathway in the cat. <i>Visual Neuroscience</i> , 1990, 5, 83-98.	1.0	28
10	Organization of reciprocal connections between area 17 and the lateral suprasylvian area of cat visual cortex. <i>Visual Neuroscience</i> , 1991, 6, 339-355.	1.0	62
11	Synaptic organization of cortico-cortical connections from the primary visual cortex to the posteromedial lateral suprasylvian visual area in the cat. <i>Journal of Comparative Neurology</i> , 1991, 310, 253-266.	1.6	38
12	The role of the lateral suprasylvian visual cortex of the cat in object-background interactions: Permanent deficits following lesions. <i>Experimental Brain Research</i> , 1993, 97, 40-60.	1.5	13
13	Temporal Integration in Visual Cortex of Cats with Surgically Induced Strabismus. <i>European Journal of Neuroscience</i> , 1993, 5, 1501-1509.	2.6	14
14	A Neural Network for the Processing of Optic Flow from Ego-Motion in Man and Higher Mammals. <i>Neural Computation</i> , 1993, 5, 374-391.	2.2	155
15	Processing of form and motion in area 21a of cat visual cortex. <i>Visual Neuroscience</i> , 1993, 10, 93-115.	1.0	70
16	Lateral suprasylvian visual cortex is activated earlier than or synchronously with primary visual cortex in the cat. <i>Neuroscience Research</i> , 1996, 24, 431-435.	1.9	17
17	Chapter 19 Motion sensitivity and stimulus interactions in the striate-recipient zone of the cat's lateral posterior-pulvinar complex. <i>Progress in Brain Research</i> , 1996, 112, 277-287.	1.4	12
18	Chapter 22 Substitution of visual by auditory inputs in the cat's anterior ectosylvian cortex. <i>Progress in Brain Research</i> , 1996, 112, 313-323.	1.4	25

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19	Chapter 18 Areas PMLS and 21a of cat visual cortex are not only functionally but also hodologically distinct. <i>Progress in Brain Research</i> , 1996, 112, 251-276.	1.4	18
20	Laminar and columnar patterns of geniculocortical projections in the cat: Relationship to cytochrome oxidase. <i>Journal of Comparative Neurology</i> , 1996, 365, 659-682.	1.6	82
21	LIMITS OF PARALLEL PROCESSING: EXCITATORY CONVERGENCE OF DIFFERENT INFORMATION CHANNELS ON SINGLE NEURONS IN STRIATE AND EXTRASTRIATE VISUAL CORTICES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996, 23, 913-925.	1.9	21
22	Lesions in Cat Lateral Suprasylvian Cortex Affect the Perception of Complex Motion. <i>Cerebral Cortex</i> , 1996, 6, 814-822.	2.9	51
23	Areas PMLS and 21 a of Cat Visual Cortex: Two Functionally Distinct Areas. <i>Cerebral Cortex</i> , 1996, 6, 585-599.	2.9	70
24	Excitatory Convergence of Y and Non-Y Information Channels on Single Neurons in the PMLS Area, a Motion Area of the Cat Visual Cortex. <i>European Journal of Neuroscience</i> , 1997, 9, 921-933.	2.6	12
25	A Metabolic Mapping Study of Orientation Discrimination and Detection Tasks in the Cat. <i>European Journal of Neuroscience</i> , 1997, 9, 1314-1328.	2.6	16
26	Neuronal responsiveness to three-dimensional motion in cat posteromedial lateral suprasylvian cortex. <i>Experimental Brain Research</i> , 1998, 122, 214-226.	1.5	21
27	Excitatory convergence of Y and non-Y channels onto single neurons in the anterior ectosylvian visual area of the cat. <i>European Journal of Neuroscience</i> , 1998, 10, 2945-2956.	2.6	5
28	Spatial frequency processing in posteromedial lateral suprasylvian cortex does not depend on the projections from the striate-recipient zone of the cat's lateral posterior-pulvinar complex. <i>Neuroscience</i> , 1998, 84, 699-711.	2.3	20
29	Responses of neurons in the cat posteromedial lateral suprasylvian cortex to moving texture patterns. <i>Neuroscience</i> , 2000, 97, 611-623.	2.3	24
30	Dynamics of Directional Selectivity in Area 18 and PMLS of the Cat. <i>Cerebral Cortex</i> , 2004, 14, 759-767.	2.9	12
31	Spatial-temporal characteristics of perceptual organization following acquired brain injury. <i>Brain Injury</i> , 2006, 20, 237-244.	1.2	8
32	Posteromedial lateral suprasylvian motion area modulates direction but not orientation preference in area 17 of cats. <i>Neuroscience</i> , 2006, 142, 905-916.	2.3	23
33	Receptive field properties and sensitivity to edges defined by motion in the postero-lateral lateral suprasylvian (PLLS) area of the cat. <i>Brain Research</i> , 2008, 1187, 82-94.	2.2	4
34	Temporal properties of spatial frequency tuning of surround suppression in the primary visual cortex and the lateral geniculate nucleus of the cat. <i>European Journal of Neuroscience</i> , 2010, 31, 2086-2100.	2.6	13
35	Ontogenetic Characteristics of the Organization of Corticocortical Connections between the Primary Visual Cortex and the Lateral Suprasylvian Area of the Cat Brain. <i>Neuroscience and Behavioral Physiology</i> , 2011, 41, 632-638.	0.4	0
36	Spatiotemporal profiles of neurons receptive fields in the cat posteromedial lateral suprasylvian cortex. <i>Neuroscience</i> , 2013, 248, 319-332.	2.3	6

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37	Spatiotemporal profiles of receptive fields of neurons in the lateral posterior nucleus of the cat LP-pulvinar complex. <i>Journal of Neurophysiology</i> , 2015, 114, 2390-2403.	1.8	11
38	Delayed signal transmission in area 17, area 18 and the posteromedial lateral suprasylvian area of aged cats. <i>Neuroscience</i> , 2015, 289, 358-366.	2.3	3
39	Neural Processing of Second-Order Motion in the Suprasylvian Cortex of the Cat. <i>Cerebral Cortex</i> , 2017, 27, bhv320.	2.9	0
40	Cortical and thalamic connectivity of occipital visual cortical areas 17, 18, 19, and 21 of the domestic ferret ( <i>Mustela putorius furo</i> ). <i>Journal of Comparative Neurology</i> , 2019, 527, 1293-1314.	1.6	10
41	Reorganization of the Connectivity of Cortical Field DZ in Congenitally Deaf Cat. <i>PLoS ONE</i> , 2013, 8, e60093.	2.5	97
42	Vestibular function in the temporal and parietal cortex: distinct velocity and inertial processing pathways. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 53.	2.1	65