Marcello Rosa

List of Publications by Year
in descending order

187 papers	8,560 citations	38742 50 h-index	69250 77 g-index
237 all docs	237 docs citations	237 times ranked	5064 citing authors

#	Article	IF	Citations
1	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. Neuron, 2022, 110, 16-20.	8.1	22
2	Remodeling of lateral geniculate nucleus projections to extrastriate area MT following long-term lesions of striate cortex. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
3	Dimension of visual information interacts with working memory in monkeys and humans. Scientific Reports, 2022, 12, 5335.	3.3	2
4	Understanding structureâ€“function relationships in the mammalian visual system: part two. Brain Structure and Function, 2022, , .	2.3	0
5	The marmoset as a model for investigating the neural basis of social cognition in health and disease. Neuroscience and Biobehavioral Reviews, 2022, 138, 104692.	6.1	8
6	Dorsomedial Area. , 2022, , 2141-2147.		0
7	Intracortical current steering shifts the location of evoked neural activity. Journal of Neural Engineering, 2022, 19, 035003.	3.5	6
8	Neuronal density and expression of calciumâ€binding proteins across the layers of the superior colliculus in the common marmoset (<i>Callithrix jacchus</i>). Journal of Comparative Neurology, 2022, 530, 2966-2976.	1.6	4
9	A collaborative resource platform for non-human primate neuroimaging. NeuroImage, 2021, 226, 117519.	4.2	36
10	Visual response characteristics of neurons in the second visual area of marmosets. Neural Regeneration Research, 2021, 16, 1871.	3.0	2
11	Visual responses in the dorsolateral frontal cortex of marmoset monkeys. Journal of Neurophysiology, 2021, 125, 296-304.	1.8	10
12	Histologyâ€Based Average Template of the Marmoset Cortex With Probabilistic Localization of Cytoarchitectural Areas. NeuroImage, 2021, 226, 117625.	4.2	25
13	Neurochemical changes in the primate lateral geniculate nucleus following lesions of striate cortex in infancy and adulthood: implications for residual vision and blindsight. Brain Structure and Function, 2021, 226, 2763-2775.	2.3	10
14	Claustral Input to the Macaque Medial Posterior Parietal Cortex (Superior Parietal Lobule and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.9	1
15	Volume reduction without neuronal loss in the primate pulvinar complex following striate cortex lesions. Brain Structure and Function, 2021, 226, 2417-2430.	2.3	6
16	Structural Attributes and Principles of the Neocortical Connectome in the Marmoset Monkey. Cerebral Cortex, 2021, 32, 15-28.	2.9	37
17	Afferent Connections of Cytoarchitectural Area 6M and Surrounding Cortex in the Marmoset: Putative Homologues of the Supplementary and Pre-supplementary Motor Areas. Cerebral Cortex, 2021, 32, 41-62.	2.9	3
18	Investigating the sex-dependent effects of prefrontal cortex stimulation on response execution and inhibition. Biology of Sex Differences, 2021, 12, 47.	4.1	16

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19	Marmosets: a promising model for probing the neural mechanisms underlying complex visual networks such as the frontalâ€“parietal network. Brain Structure and Function, 2021, 226, 3007-3022.	2.3	8
20	Understanding structureâ€“function relationships in the mammalian visual system: part one. Brain Structure and Function, 2021, 226, 2741-2744.	2.3	1
21	NaÃ¯ve and Experienced Honeybee Foragers Learn Normally Configured Flowers More Easily Than Non-configured or Highly Contrasted Flowers. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	2
22	Altered Sensitivity to Motion of Area MT Neurons Following Long-Term V1 Lesions. Cerebral Cortex, 2020, 30, 451-464.	2.9	11
23	Brain connectomes come of age. Current Opinion in Neurobiology, 2020, 65, 152-161.	4.2	11
24	A twisted visual field map in the primate dorsomedial cortex predicted by topographic continuity. Science Advances, 2020, 6, .	10.3	14
25	Tissue response to a chronically implantable wireless, intracortical visual prosthesis (Gennaris) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.5	14
26	Open access resource for cellular-resolution analyses of corticocortical connectivity in the marmoset monkey. Nature Communications, 2020, 11, 1133.	12.8	86
27	Thalamic afferents emphasize the different functions of macaque precuneate areas. Brain Structure and Function, 2020, 225, 853-870.	2.3	10
28	Neural coding of action in three dimensions: Taskâ€•and timeâ€•invariant reference frames for visuospatial and motorâ€•related activity in parietal area V6A. Journal of Comparative Neurology, 2020, 528, 3108-3122.	1.6	6
29	A resource for the detailed 3D mapping of white matter pathways in the marmoset brain. Nature Neuroscience, 2020, 23, 271-280.	14.8	77
30	Relation of koniocellular layers of dorsal lateral geniculate to inferior pulvinar nuclei in common marmosets. European Journal of Neuroscience, 2019, 50, 4004-4017.	2.6	11
31	Negative Emotional Stimuli Enhance Conflict Resolution Without Altering Arousal. Frontiers in Human Neuroscience, 2019, 13, 282.	2.0	6
32	Weighting neurons by selectivity produces near-optimal population codes. Journal of Neurophysiology, 2019, 121, 1924-1937.	1.8	8
33	Topographic Organization of the 'Third-Tier' Dorsomedial Visual Cortex in the Macaque. Journal of Neuroscience, 2019, 39, 5311-5325.	3.6	9
34	A blueprint of mammalian cortical connectomes. PLoS Biology, 2019, 17, e2005346.	5.6	64
35	Sensitivity to Vocalization Pitch in the Caudal Auditory Cortex of the Marmoset: Comparison of Core and Belt Areas. Frontiers in Systems Neuroscience, 2019, 13, 5.	2.5	8
36	In vivo localization of cortical areas using a 3D computerized atlas of the marmoset brain. Brain Structure and Function, 2019, 224, 1957-1969.	2.3	11

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37	Contrast and luminance adaptation alter neuronal coding and perception of stimulus orientation. Nature Communications, 2019, 10, 941.	12.8	16
38	Internal Subdivisions of the Marmoset Claustrum Complex: Identification by Myeloarchitectural Features and High Field Strength Imaging. Frontiers in Neuroanatomy, 2019, 13, 96.	1.7	8
39	High-Expanding Regions in Primate Cortical Brain Evolution Support Supramodal Cognitive Flexibility. Cerebral Cortex, 2019, 29, 3891-3901.	2.9	20
40	Neuronal Distribution Across the Cerebral Cortex of the Marmoset Monkey (Callithrix jacchus). Cerebral Cortex, 2019, 29, 3836-3863.	2.9	52
41	Distributed representation of vocalization pitch in marmoset primary auditory cortex. European Journal of Neuroscience, 2019, 49, 179-198.	2.6	4
42	Unidirectional monosynaptic connections from auditory areas to the primary visual cortex in the marmoset monkey. Brain Structure and Function, 2019, 224, 111-131.	2.3	34
43	Cortical Afferents of Area 10 in Cebus Monkeys: Implications for the Evolution of the Frontal Pole. Cerebral Cortex, 2019, 29, 1473-1495.	2.9	16
44	Distribution of cytochrome oxidaseâ€rich patches in human primary visual cortex. Journal of Comparative Neurology, 2019, 527, 614-624.	1.6	3
45	Correlated Variability in the Neurons With the Strongest Tuning Improves Direction Coding. Cerebral Cortex, 2019, 29, 615-626.	2.9	14
46	A high-throughput neurohistological pipeline for brain-wide mesoscale connectivity mapping of the common marmoset. ELife, 2019, 8, .	6.0	51
47	Thalamoâ€cortical projections to the macaque superior parietal lobule areas PEc and PE. Journal of Comparative Neurology, 2018, 526, 1041-1056.	1.6	26
48	Robust Visual Responses and Normal Retinotopy in Primate Lateral Geniculate Nucleus following Long-term Lesions of Striate Cortex. Journal of Neuroscience, 2018, 38, 3955-3970.	3.6	33
49	Uniformity and Diversity of Cortical Projections to Precuneate Areas in the Macaque Monkey: What Defines Area PGm?. Cerebral Cortex, 2018, 28, 1700-1717.	2.9	35
50	Auditory and Visual Motion Processing and Integration in the Primate Cerebral Cortex. Frontiers in Neural Circuits, 2018, 12, 93.	2.8	20
51	Auditory motion does not modulate spiking activity in the middle temporal and medial superior temporal visual areas. European Journal of Neuroscience, 2018, 48, 2013-2029.	2.6	5
52	Understanding Sensory Information Processing Through Simultaneous Multi-area Population Recordings. Frontiers in Neural Circuits, 2018, 12, 115.	2.8	9
53	Topography of claustrum and insula projections to medial prefrontal and anterior cingulate cortices of the common marmoset (<i>Callithrix jacchus</i>). Journal of Comparative Neurology, 2017, 525, 1421-1441.	1.6	51
54	Claustral afferents of superior parietal areas PEc and PE in the macaque. Journal of Comparative Neurology, 2017, 525, 1475-1488.	1.6	11

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55	Neuronal degeneration in the dorsal lateral geniculate nucleus following lesions of primary visual cortex: comparison of young adult and geriatric marmoset monkeys. Brain Structure and Function, 2017, 222, 3283-3293.	2.3	27
56	Managing competing goals â€" a key role for the frontopolar cortex. Nature Reviews Neuroscience, 2017, 18, 645-657.	10.2	208
57	Sensitivity of neurons in the middle temporal area of marmoset monkeys to random dot motion. Journal of Neurophysiology, 2017, 118, 1567-1580.	1.8	21
58	Improved color constancy in honey bees enabled by parallel visual projections from dorsal ocelli. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7713-7718.	7.1	14
59	Age-related plasticity of the axon initial segment of cortical pyramidal cells in marmoset monkeys. Neurobiology of Aging, 2017, 57, 95-103.	3.1	14
60	The impact of early environmental interventions on structural plasticity of the axon initial segment in neocortex. Developmental Psychobiology, 2017, 59, 39-47.	1.6	12
61	Neural plasticity following lesions of the primate occipital lobe: The marmoset as an animal model for studies of blindsight. Developmental Neurobiology, 2017, 77, 314-327.	3.0	17
62	Long-term sensorimotor adaptation in the ocular following system of primates. PLoS ONE, 2017, 12, e0189030.	2.5	6
63	Monash Vision Groupâ€™s Gennaris Cortical Implant for Vision Restoration. , 2017, , 215-225.		13
64	Cortical Afferents and Myeloarchitecture Distinguish the Medial Intraparietal Area (MIP) from Neighboring Subdivisions of the Macaque Cortex. ENeuro, 2017, 4, ENEURO.0344-17.2017.	1.9	29
65	Dorsomedial Area. , 2017, , 1-7.		0
66	Organizing Principles of Human Cortical Developmentâ€"Thickness and Area from 4 to 30 Years: Insights from Comparative Primate Neuroanatomy. Cerebral Cortex, 2016, 26, 257-267.	2.9	148
67	Direct current stimulation of prefrontal cortex modulates errorâ€induced behavioral adjustments. European Journal of Neuroscience, 2016, 44, 1856-1869.	2.6	22
68	Towards a comprehensive atlas of cortical connections in a primate brain: Mapping tracer injection studies of the common marmoset into a reference digital template. Journal of Comparative Neurology, 2016, 524, Spc1-Spc1.	1.6	0
69	Rapid Adaptation Induces Persistent Biases in Population Codes for Visual Motion. Journal of Neuroscience, 2016, 36, 4579-4590.	3.6	42
70	Towards a comprehensive atlas of cortical connections in a primate brain: Mapping tracer injection studies of the common marmoset into a reference digital template. Journal of Comparative Neurology, 2016, 524, 2161-2181.	1.6	109
71	Orientation selectivity in rat primary visual cortex emerges earlier with lowâ€contrast and highâ€luminance stimuli. European Journal of Neuroscience, 2016, 44, 2759-2773.	2.6	12
72	Noisy decision thresholds can account for suboptimal detection of low coherence motion. Scientific Reports, 2016, 6, 18700.	3.3	0

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73	Natural motion trajectory enhances the coding of speed in primate extrastriate cortex. Scientific Reports, 2016, 6, 19739.	3.3	4
74	Thalamic projections to visual and visuomotor areas (V6 and V6A) in the Rostral Bank of the parieto-occipital sulcus of the Macaque. Brain Structure and Function, 2016, 221, 1573-1589.	2.3	21
75	Resolving the organization of the third tier visual cortex in primates: A hypothesis-based approach. Visual Neuroscience, 2015, 32, E010.	1.0	39
76	Cortical and thalamic projections to cytoarchitectural areas 6Va and 8C of the marmoset monkey: Connectionally distinct subdivisions of the lateral premotor cortex. Journal of Comparative Neurology, 2015, 523, 1222-1247.	1.6	44
77	Responses of neurons in the marmoset primary auditory cortex to interaural level differences: comparison of pure tones and vocalizations. Frontiers in Neuroscience, 2015, 9, 132.	2.8	22
78	Working Memory in the Service of Executive Control Functions. Frontiers in Systems Neuroscience, 2015, 9, 166.	2.5	36
79	Restoration of vision using wireless cortical implants: The Monash Vision Group project. , 2015, 2015, 1041-4.		20
80	Representation of central and peripheral vision in the primate cerebral cortex: Insights from studies of the marmoset brain. Neuroscience Research, 2015, 93, 47-61.	1.9	26
81	Structure and function of the middle temporal visual area (MT) in the marmoset: Comparisons with the macaque monkey. Neuroscience Research, 2015, 93, 62-71.	1.9	34
82	The cortical motor system of the marmoset monkey (Callithrix jacchus). Neuroscience Research, 2015, 93, 72-81.	1.9	47
83	The Roots of Alzheimer's Disease: Are High-Expanding Cortical Areas Preferentially Targeted?. Cerebral Cortex, 2015, 25, 2556-2565.	2.9	16
84	A simpler primate brain: the visual system of the marmoset monkey. Frontiers in Neural Circuits, 2014, 8, 96.	2.8	127
85	Claustrum projections to prefrontal cortex in the capuchin monkey (Cebus apella). Frontiers in Systems Neuroscience, 2014, 8, 123.	2.5	42
86	Patterns of cortical input to the primary motor area in the marmoset monkey. Journal of Comparative Neurology, 2014, 522, 811-843.	1.6	49
87	Patterns of afferent input to the caudal and rostral areas of the dorsal premotor cortex (6DC and) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	53
88	Uniformity and diversity of response properties of neurons in the primary visual cortex: Selectivity for orientation, direction of motion, and stimulus size from center to far periphery. Visual Neuroscience, 2014, 31, 85-98.	1.0	29
89	Perceptual elements in brain mechanisms of acoustic communication in humans and nonhuman primates. Behavioral and Brain Sciences, 2014, 37, 571-572.	0.7	1
90	Bee reverse-learning behavior and intra-colony differences: Simulations based on behavioral experiments reveal benefits of diversity. Ecological Modelling, 2014, 277, 119-131.	2.5	37

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91	A Conserved Pattern of Differential Expansion of Cortical Areas in Simian Primates. Journal of Neuroscience, 2013, 33, 15120-15125.	3.6	172
92	Auditory cortex of the marmoset monkey â€“ complex responses to tones and vocalizations under opiate anaesthesia in core and belt areas. European Journal of Neuroscience, 2013, 37, 924-941.	2.6	21
93	The case for a dorsomedial area in the primate â€˜third-tierâ€™ visual cortex. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121372.	2.6	17
94	Panoptic Neuroanatomy: Digital Microscopy of Whole Brains and Brain-Wide Circuit Mapping. Brain, Behavior and Evolution, 2013, 81, 203-205.	1.7	4
95	Learning to navigate in a three-dimensional world: From bees to primates. Behavioral and Brain Sciences, 2013, 36, 550-550.	0.7	2
96	Representation of the visual field in the primary visual area of the marmoset monkey: Magnification factors, pointâ€image size, and proportionality to retinal ganglion cell density. Journal of Comparative Neurology, 2013, 521, 1001-1019.	1.6	54
97	Visually Evoked Responses in Extrastriate Area MT after Lesions of Striate Cortex in Early Life. Journal of Neuroscience, 2013, 33, 12479-12489.	3.6	37
98	Adaptation to Speed in Macaque Middle Temporal and Medial Superior Temporal Areas. Journal of Neuroscience, 2013, 33, 4359-4368.	3.6	15
99	Contrasting Patterns of Cortical Input to Architectural Subdivisions of the Area 8 Complex: A Retrograde Tracing Study in Marmoset Monkeys. Cerebral Cortex, 2013, 23, 1901-1922.	2.9	91
100	Relationship between Size Summation Properties, Contrast Sensitivity and Response Latency in the Dorsomedial and Middle Temporal Areas of the Primate Extrastriate Cortex. PLoS ONE, 2013, 8, e68276.	2.5	15
101	Adaptation to direction statistics modulates perceptual discrimination. Journal of Vision, 2012, 12, 32-32.	0.3	15
102	Brain Mapping: The (Un)Folding of Striate Cortex. Current Biology, 2012, 22, R1051-R1053.	3.9	20
103	Parallel evolution of angiosperm colour signals: common evolutionary pressures linked to hymenopteran vision. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3606-3615.	2.6	181
104	A Specialized Area in Limbic Cortex for Fast Analysis of Peripheral Vision. Current Biology, 2012, 22, 1351-1357.	3.9	65
105	Honeybees (Apis mellifera) Learn Color Discriminations via Differential Conditioning Independent of Long Wavelength (Green) Photoreceptor Modulation. PLoS ONE, 2012, 7, e48577.	2.5	44
106	Colour reverse learning and animal personalities: the advantage of behavioural diversity assessed with agent-based simulations. Nature Precedings, 2012, , .	0.1	0
107	Breaking camouflage: responses of neurons in the middle temporal area to stimuli defined by coherent motion. European Journal of Neuroscience, 2012, 36, 2063-2076.	2.6	22
108	Subcortical projections to the frontal pole in the marmoset monkey. European Journal of Neuroscience, 2011, 34, 303-319.	2.6	37

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109	Cortical Input to the Frontal Pole of the Marmoset Monkey. Cerebral Cortex, 2011, 21, 1712-1737.	2.9	92
110	Cortical Connections of Area V6Av in the Macaque: A Visual-Input Node to the Eye/Hand Coordination System. Journal of Neuroscience, 2011, 31, 1790-1801.	3.6	89
111	Effects of saccades on visual processing in primate MSTd. Vision Research, 2010, 50, 2683-2691.	1.4	26
112	Spatial and temporal frequency tuning in striate cortex: functional uniformity and specializations related to receptive field eccentricity. European Journal of Neuroscience, 2010, 31, 1043-1062.	2.6	70
113	Ambient Temperature Influences Australian Native Stingless Bee (Trigona carbonaria) Preference for Warm Nectar. PLoS ONE, 2010, 5, e12000.	2.5	58
114	A simple method for creating wide-field visual stimulus for electrophysiology: Mapping and analyzing receptive fields using a hemispheric display. Journal of Vision, 2010, 10, 15-15.	0.3	21
115	Timescales of Sensory- and Decision-Related Activity in the Middle Temporal and Medial Superior Temporal Areas. Journal of Neuroscience, 2010, 30, 14036-14045.	3.6	54
116	Connections of the Dorsomedial Visual Area: Pathways for Early Integration of Dorsal and Ventral Streams in Extrastriate Cortex. Journal of Neuroscience, 2009, 29, 4548-4563.	3.6	114
117	Architectural subdivisions of medial and orbital frontal cortices in the marmoset monkey (<i>Callithrix jacchus</i>). Journal of Comparative Neurology, 2009, 514, 11-29.	1.6	76
118	Connections of the marmoset rostrotemporal auditory area: express pathways for analysis of affective content in hearing. European Journal of Neuroscience, 2009, 30, 578-592.	2.6	79
119	Anatomical and physiological definition of the motor cortex of the marmoset monkey. Journal of Comparative Neurology, 2008, 506, 860-876.	1.6	75
120	Saccadic Modulation of Neural Responses: Possible Roles in Saccadic Suppression, Enhancement, and Time Compression. Journal of Neuroscience, 2008, 28, 10952-10960.	3.6	88
121	Honeybees can recognise images of complex natural scenes for use as potential landmarks. Journal of Experimental Biology, 2008, 211, 1180-1186.	1.7	45
122	Parallel Evolution of Cortical Areas Involved in Skilled Hand Use. Journal of Neuroscience, 2007, 27, 10106-10115.	3.6	164
123	Spatial Summation, End Inhibition and Side Inhibition in the Middle Temporal Visual Area (MT). Journal of Neurophysiology, 2007, 97, 1135-1148.	1.8	21
124	Chemoarchitecture of the middle temporal visual area in the marmoset monkey (Callithrix jacchus): Laminar distribution of calcium-binding proteins (calbindin, parvalbumin) and nonphosphorylated neurofilament. Journal of Comparative Neurology, 2007, 500, 832-849.	1.6	44
125	Development of non-phosphorylated neurofilament protein expression in neurones of the New World monkey dorsolateral frontal cortex. European Journal of Neuroscience, 2007, 25, 1767-1779.	2.6	34
126	Spatial and temporal frequency selectivity of neurons in the middle temporal visual area of new world monkeys (Callithrix jacchus). European Journal of Neuroscience, 2007, 25, 1780-1792.	2.6	62

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127	Hierarchical Development of the Primate Visual Cortex, as Revealed by Neurofilament Immunoreactivity: Early Maturation of the Middle Temporal Area (MT). Cerebral Cortex, 2006, 16, 405-414.	2.9	179
128	Ipsilateral corticocortical projections to the primary and middle temporal visual areas of the primate cerebral cortex: area-specific variations in the morphology of connectionally identified pyramidal cells. European Journal of Neuroscience, 2006, 23, 3337-3345.	2.6	16
129	A distinct anatomical network of cortical areas for analysis of motion in far peripheral vision. European Journal of Neuroscience, 2006, 24, 2389-2405.	2.6	118
130	Neural basis of time changes during saccades. Current Biology, 2006, 16, R834-R836.	3.9	18
131	Cytoarchitectonic subdivisions of the dorsolateral frontal cortex of the marmoset monkey (Callithrix jacchus), and their projections to dorsal visual areas. Journal of Comparative Neurology, 2006, 495, 149-172.	1.6	103
132	Functional Response Properties of Neurons in the Dorsomedial Visual Area of New World Monkeys (Callithrix jacchus). Cerebral Cortex, 2006, 16, 162-177.	2.9	111
133	Quantitative Analysis of the Corticocortical Projections to the Middle Temporal Area in the Marmoset Monkey: Evolutionary and Functional Implications. Cerebral Cortex, 2006, 16, 1361-1375.	2.9	81
134	CLARIFYING HOMOLOGIES IN THE MAMMALIAN CEREBRAL CORTEX: THE CASE OF THE THIRD VISUAL AREA (V3). Clinical and Experimental Pharmacology and Physiology, 2005, 32, 327-339.	1.9	36
135	Resolving the organization of the New World monkey third visual complex: The dorsal extrastriate cortex of the marmoset (<i>Callithrix jacchus</i>). Journal of Comparative Neurology, 2005, 483, 164-191.	1.6	70
136	Single-unit responses to kinetic stimuli in New World monkey area V2: Physiological characteristics of cue-invariant neurones. Experimental Brain Research, 2005, 162, 100-108.	1.5	23
137	Topographic and Laminar Maturation of Striate Cortex in Early Postnatal Marmoset Monkeys, as Revealed by Neurofilament Immunohistochemistry. Cerebral Cortex, 2005, 15, 740-748.	2.9	53
138	Visual thalamocortical projections in the flying fox: Parallel pathways to striate and extrastriate areas. Neuroscience, 2005, 130, 497-511.	2.3	11
139	Brain maps, great and small: lessons from comparative studies of primate visual cortical organization. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 665-691.	4.0	215
140	First- and second-order stimulus length selectivity in New World monkey striate cortex. European Journal of Neuroscience, 2004, 19, 169-180.	2.6	11
141	Neurofilament protein expression in the geniculostriate pathway of a New World monkey (Callithrix) Tj ETQq1 1 0.784314 rgBT /Over	1.5	23
142	Laminar expression of neurofilament protein in the superior colliculus of the marmoset monkey (Callithrix jacchus). Brain Research, 2003, 973, 142-145.	2.2	19
143	Preparation for the in vivo recording of neuronal responses in the visual cortex of anaesthetised marmosets (Callithrix jacchus). Brain Research Protocols, 2003, 11, 168-177.	1.6	39
144	Maps of the Visual Field in the Cerebral Cortex of Primates. Frontiers in Neuroscience, 2003, , .	0.0	2

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145	Physiological Responses of New World Monkey V1 Neurons to Stimuli Defined by Coherent Motion. Cerebral Cortex, 2002, 12, 1132-1145.	2.9	32
146	Visual maps in the adult primate cerebral cortex: some implications for brain development and evolution. Brazilian Journal of Medical and Biological Research, 2002, 35, 1485-1498.	1.5	80
147	Connectional and neurochemical subdivisions of the pulvinar in Cebus monkeys. Visual Neuroscience, 2001, 18, 25-41.	1.0	69
148	The dorsomedial visual areas in New World and Old World monkeys: homology and function. European Journal of Neuroscience, 2001, 13, 421-427.	2.6	61
149	Somatotopic organization and cortical projections of the ventrobasal complex of the flying fox: an "inverted" wing representation in the thalamus. Somatosensory & Motor Research, 2001, 18, 19-30.	0.9	9
150	An architectonic comparison of the ventrobasal complex of two Megachiropteran and one Microchiropteran bat: implications for the evolution of Chiroptera. Somatosensory & Motor Research, 2001, 18, 131-140.	0.9	9
151	Visual areas in lateral and ventral extrastriate cortices of the marmoset monkey. Journal of Comparative Neurology, 2000, 422, 621-651.	1.6	90
152	Third tier ventral extrastriate cortex in the New World monkey, Cebus apella. Experimental Brain Research, 2000, 132, 287-305.	1.5	38
153	Visual Responses of Neurons in the Middle Temporal Area of New World Monkeys after Lesions of Striate Cortex. Journal of Neuroscience, 2000, 20, 5552-5563.	3.6	95
154	Pyramidal Cells, Patches, and Cortical Columns: a Comparative Study of Infragranular Neurons in TEO, TE, and the Superior Temporal Polysensory Area of the Macaque Monkey. Journal of Neuroscience, 2000, 20, RC117-RC117.	3.6	59
155	Monocular focal retinal lesions induce shortâ€"term topographic plasticity in adult cat visual cortex. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 499-507.	2.6	50
156	Organization of visual cortex in the northern quoll, Dasyurus hallucatus: evidence for a homologue of the second visual area in marsupials. European Journal of Neuroscience, 1999, 11, 907-915.	2.6	32
157	Topographic organisation of extrastriate areas in the flying fox: Implications for the evolution of mammalian visual cortex. Journal of Comparative Neurology, 1999, 411, 503-523.	1.6	53
158	Cellular heterogeneity in cerebral cortex: A study of the morphology of pyramidal neurones in visual areas of the marmoset monkey. Journal of Comparative Neurology, 1999, 415, 33-51.	1.6	83
159	The evolution of visual cortex: where is V2?. Trends in Neurosciences, 1999, 22, 242-248.	8.6	123
160	Cortical integration in the visual system of the macaque monkey: large-scale morphological differences in the pyramidal neurons in the occipital, parietal and temporal lobes. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1367-1374.	2.6	112
161	Supragranular pyramidal neurones in the medial posterior parietal cortex of the macaque monkey. NeuroReport, 1999, 10, 1925-1929.	1.2	18
162	Variation in the spatial relationship between parvalbumin immunoreactive interneurones and pyramidal neurones in rat somatosensory cortex. NeuroReport, 1999, 10, 2975-2979.	1.2	18

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163	Visual responses of neurones in the second visual area of flying foxes (Pteropus poliocephalus) after lesions of striate cortex. Journal of Physiology, 1998, 513, 507-519.	2.9	10
164	Visuotopic organisation and neuronal response selectivity for direction of motion in visual areas of the caudal temporal lobe of the marmoset monkey (Callithrix jacchus): Middle temporal area, middle temporal crescent, and surrounding cortex. , 1998, 393, 505-527.		124
165	Morphological variation of layer III pyramidal neurones in the occipitotemporal pathway of the macaque monkey visual cortex. Cerebral Cortex, 1998, 8, 278-294.	2.9	151
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