Yasushi Miyashita

List of Publications by Year
in descending order

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166 papers	17,738 citations	16451 64 h-index	14208 128 g-index
176 all docs	176 docs citations	176 times ranked	12887 citing authors

#	Article	IF	Citations
1	Conversion of concept-specific decision confidence into integrative introspection in primates. Cell Reports, 2022, 38, 110581.	6.4	2
2	Operating principles of the cerebral cortex as a six-layered network in primates: beyond the classic canonical circuit model. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2022, 98, 93-111.	3.8	4
3	Off-Peak 594-nm Light Surpasses On-Peak 532-nm Light in Silencing Distant ArchT-Expressing Neurons InÂVivo. IScience, 2020, 23, 101276.	4.1	7
4	Perirhinal circuits for memory processing. Nature Reviews Neuroscience, 2019, 20, 577-592.	10.2	48
5	Reversible Silencing of the Frontopolar Cortex Selectively Impairs Metacognitive Judgment on Non-experience in Primates. Neuron, 2018, 97, 980-989.e6.	8.1	50
6	Dynamic laminar rerouting of inter-areal mnemonic signal by cognitive operations in primate temporal cortex. Nature Communications, 2018, 9, 4629.	12.8	9
7	Causal neural network of metamemory for retrospection in primates. Science, 2017, 355, 188-193.	12.6	86
8	Conversion of object identity to object-general semantic value in the primate temporal cortex. Science, 2017, 357, 687-692.	12.6	45
9	Laminar Module Cascade from Layer 5 to 6 Implementing Cue-to-Target Conversion for Object Memory Retrieval in the Primate Temporal Cortex. Neuron, 2016, 92, 518-529.	8.1	25
10	Dynamically Allocated Hub in Task-Evoked Network Predicts the Vulnerable Prefrontal Locus for Contextual Memory Retrieval in Macaques. PLoS Biology, 2015, 13, e1002177.	5.6	19
11	Avian sarcoma leukosis virus receptor-envelope system for simultaneous dissection of multiple neural circuits in mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2947-E2956.	7.1	12
12	Cofilin1 Controls Transcolumnar Plasticity in Dendritic Spines in Adult Barrel Cortex. PLoS Biology, 2015, 13, e1002070.	5.6	4
13	Top-Down Regulation of Laminar Circuit via Inter-Area Signal for Successful Object Memory Recall in Monkey Temporal Cortex. Neuron, 2015, 86, 840-852.	8.1	26
14	Effects of rTMS of Pre-Supplementary Motor Area on Fronto Basal Ganglia Network Activity during Stop-Signal Task. Journal of Neuroscience, 2015, 35, 4813-4823.	3.6	86
15	Energy landscapes of resting-state brain networks. Frontiers in Neuroinformatics, 2014, 8, 12.	2.5	63
16	Distinct Neuronal Interactions in Anterior Inferotemporal Areas of Macaque Monkeys during Retrieval of Object Association Memory. Journal of Neuroscience, 2014, 34, 9377-9388.	3.6	14
17	Bidirectional effects on interhemispheric restingâ€state functional connectivity induced by excitatory and inhibitory repetitive transcranial magnetic stimulation. Human Brain Mapping, 2014, 35, 1896-1905.	3.6	83
18	Mitigation of Sociocommunicational Deficits of Autism Through Oxytocin-Induced Recovery of Medial Prefrontal Activity. JAMA Psychiatry, 2014, 71, 166.	11.0	154

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19	Dissociable Memory Traces within the Macaque Medial Temporal Lobe Predict Subsequent Recognition Performance. Journal of Neuroscience, 2014, 34, 1988-1997.	3.6	19
20	Changes in cerebro-cerebellar interaction during response inhibition after performance improvement. NeuroImage, 2014, 99, 142-148.	4.2	17
21	Computational principles of microcircuits for visual object processing in the macaque temporal cortex. Trends in Neurosciences, 2014, 37, 178-187.	8.6	21
22	Two distinct neural mechanisms underlying indirect reciprocity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3990-3995.	7.1	62
23	Characterization of the Properties of Seven Promoters in the Motor Cortex of Rats and Monkeys After Lentiviral Vector-Mediated Gene Transfer. Human Gene Therapy Methods, 2013, 24, 333-344.	2.1	71
24	A pairwise maximum entropy model accurately describes resting-state human brain networks. Nature Communications, 2013, 4, 1370.	12.8	134
25	Functional Microcircuit Recruited during Retrieval of Object Association Memory in Monkey Perirhinal Cortex. Neuron, 2013, 77, 192-203.	8.1	42
26	Functional Differentiation of Memory Retrieval Network in Macaque Posterior Parietal Cortex. Neuron, 2013, 77, 787-799.	8.1	31
27	Microcircuits for Hierarchical Elaboration of Object Coding Across Primate Temporal Areas. Science, 2013, 341, 191-195.	12.6	47
28	Functional Relevance of Micromodules in the Human Association Cortex Delineated with High-Resolution fMRI. Cerebral Cortex, 2013, 23, 2863-2871.	2.9	19
29	Dissociable Temporo-Parietal Memory Networks Revealed by Functional Connectivity during Episodic Retrieval. PLoS ONE, 2013, 8, e71210.	2.5	7
30	Functional Connectivity between Anatomically Unconnected Areas Is Shaped by Collective Network-Level Effects in the Macaque Cortex. Cerebral Cortex, 2012, 22, 1586-1592.	2.9	217
31	Neurodynamics of Cognitive Set Shifting in Monkey Frontal Cortex and Its Causal Impact on Behavioral Flexibility. Journal of Cognitive Neuroscience, 2012, 24, 2171-2185.	2.3	21
32	Efficiency of Go/No-Go Task Performance Implemented in the Left Hemisphere. Journal of Neuroscience, 2012, 32, 9059-9065.	3.6	69
33	Functional Dissociation between Anterior and Posterior Temporal Cortical Regions during Retrieval of Remote Memory. Journal of Neuroscience, 2012, 32, 9659-9670.	3.6	24
34	Optogenetic inhibition of Purkinje cell activity reveals cerebellar control of blood pressure during postural alterations in anesthetized rats. Neuroscience, 2012, 210, 137-144.	2.3	17
35	A glass-coated tungsten microelectrode enclosing optical fibers for optogenetic exploration in primate deep brain structures. Journal of Neuroscience Methods, 2012, 211, 49-57.	2.5	67
36	To Bet, or Not to Bet: That Is the Question of SEF Spikes. Neuron, 2012, 75, 358-360.	8.1	0

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37	Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. PLoS ONE, 2012, 7, e36496.	2.5	25
38	fMRI Activity in the Macaque Cerebellum Evoked by Intracortical Microstimulation of the Primary Somatosensory Cortex: Evidence for Polysynaptic Propagation. PLoS ONE, 2012, 7, e47515.	2.5	26
39	Reversal of Interlaminar Signal Between Sensory and Memory Processing in Monkey Temporal Cortex. Science, 2011, 331, 1443-1447.	12.6	125
40	Prediction of subsequent recognition performance using brain activity in the medial temporal lobe. NeuroImage, 2011, 54, 3085-3092.	4.2	25
41	Method for Enhancing Cell Penetration of Gd3+-based MRI Contrast Agents by Conjugation with Hydrophobic Fluorescent Dyes. Bioconjugate Chemistry, 2011, 22, 2227-2236.	3.6	37
42	A bicistronic lentiviral vector-based method for differential transsynaptic tracing of neural circuits. Molecular and Cellular Neurosciences, 2011, 46, 136-147.	2.2	19
43	Optogenetic Manipulation of Cerebellar Purkinje Cell Activity In Vivo. PLoS ONE, 2011, 6, e22400.	2.5	33
44	Neuronal Signal Dynamics during Preparation and Execution for Behavioral Shifting in Macaque Posterior Parietal Cortex. Journal of Cognitive Neuroscience, 2011, 23, 2503-2520.	2.3	13
45	In vivo visualization of single-unit recording sites using MRI-detectable elgiloy deposit marking. Journal of Neurophysiology, 2011, 105, 1380-1392.	1.8	14
46	Role for Presupplementary Motor Area in Inhibition of Cognitive Set Interference. Journal of Cognitive Neuroscience, 2011, 23, 737-745.	2.3	12
47	Direct Comparison of Spontaneous Functional Connectivity and Effective Connectivity Measured by Intracortical Microstimulation: An fMRI Study in Macaque Monkeys. Cerebral Cortex, 2011, 21, 2348-2356.	2.9	80
48	Amygdalar modulation of frontotemporal connectivity during the inkblot test. Psychiatry Research - Neuroimaging, 2010, 182, 103-110.	1.8	25
49	Unitized representation of paired objects in areaâ€ƒ35 of the macaque perirhinal cortex. European Journal of Neuroscience, 2010, 32, 659-667.	2.6	43
50	Triphasic Dynamics of Stimulus-Dependent Information Flow between Single Neurons in Macaque Inferior Temporal Cortex. Journal of Neuroscience, 2010, 30, 10407-10421.	3.6	18
51	Medial prefrontal activity during shifting under novel situations. Neuroscience Letters, 2010, 484, 182-186.	2.1	12
52	Amygdalar enlargement associated with unique perception. Cortex, 2010, 46, 94-99.	2.4	35
53	Differential temporo-parietal cortical networks that support relational and item-based recency judgments. NeuroImage, 2010, 49, 3474-3480.	4.2	17
54	Preparation to Inhibit a Response Complements Response Inhibition during Performance of a Stop-Signal Task. Journal of Neuroscience, 2009, 29, 15870-15877.	3.6	316

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55	Functional Dissociation in Right Inferior Frontal Cortex during Performance of Go/No-Go Task. Cerebral Cortex, 2009, 19, 146-152.	2.9	244
56	Formation of Long-Term Memory Representation in Human Temporal Cortex Related to Pictorial Paired Associates. Journal of Neuroscience, 2009, 29, 10335-10340.	3.6	44
57	A critical component that activates the left inferior prefrontal cortex during interference resolution. European Journal of Neuroscience, 2009, 29, 1915-1920.	2.6	13
58	Cognitive Set Reconfiguration Signaled by Macaque Posterior Parietal Neurons. Neuron, 2009, 61, 941-951.	8.1	39
59	Sub-centimeter scale functional organization in human inferior frontal gyrus. NeuroImage, 2009, 47, 442-450.	4.2	26
60	Involvement of medial prefrontal cortex in emotion during feedback presentation. NeuroReport, 2009, 20, 886-890.	1.2	14
61	Right temporopolar activation associated with unique perception. NeuroImage, 2008, 41, 145-152.	4.2	64
62	Differential superior prefrontal activity on initial versus subsequent shifts in naive subjects. NeuroImage, 2008, 41, 575-580.	4.2	14
63	Towards understanding of the cortical network underlying associative memory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2187-2199.	4.0	94
64	On Verbal/Nonverbal Modality Dependence of Left and Right Inferior Prefrontal Activation during Performance of Flanker Interference Task. Journal of Cognitive Neuroscience, 2008, 20, 2006-2014.	2.3	26
65	Activation of Right Inferior Frontal Gyrus during Response Inhibition across Response Modalities. Journal of Cognitive Neuroscience, 2007, 19, 69-80.	2.3	241
66	Exploring the neural basis of cognition: multi-modal links between human fMRI and macaque neurophysiology. Trends in Cognitive Sciences, 2007, 11, 84-92.	7.8	30
67	MRI-based localization of electrophysiological recording sites within the cerebral cortex at single-voxel accuracy. Nature Methods, 2007, 4, 161-168.	19.0	47
68	Activation Shift from Medial to Lateral Temporal Cortex Associated with Recency Judgements Following Impoverished Encoding. Cerebral Cortex, 2006, 16, 469-474.	2.9	35
69	NEUROSCIENCE: Understanding Intentions: Through the Looking Glass. Science, 2005, 308, 644-645.	12.6	41
70	Dynamically Modulated Spike Correlation in Monkey Inferior Temporal Cortex Depending on the Feature Configuration within a Whole Object. Journal of Neuroscience, 2005, 25, 10299-10307.	3.6	68
71	Neural mechanism in anterior prefrontal cortex for inhibition of prolonged set interference. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12584-12588.	7.1	63
72	Multiple components of lateral posterior parietal activation associated with cognitive set shifting. NeuroImage, 2005, 26, 694-702.	4.2	39

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73	Active Maintenance of Associative Mnemonic Signal in Monkey Inferior Temporal Cortex. Neuron, 2005, 48, 839-848.	8.1	46
74	Deeply located granule cells and mitral cells undergo apoptosis after transection of the central connections of the main olfactory bulb in the adult rat. Neuroscience, 2005, 131, 293-302.	2.3	5
75	Prefrontal Neuronal Activity Encodes Spatial Target Representations Sequentially Updated After Nonspatial Target-Shift Cues. Journal of Neurophysiology, 2004, 91, 1367-1380.	1.8	31
76	Cognitive Memory: Cellular and Network Machineries and Their Top-Down Control. Science, 2004, 306, 435-440.	12.6	306
77	Functional Magnetic Resonance Imaging of Macaque Monkeys Performing Visually Guided Saccade Tasks. Neuron, 2004, 41, 795-807.	8.1	246
78	Dissociable concurrent activity of lateral and medial frontal lobe during negative feedback processing. NeuroImage, 2004, 22, 1578-1586.	4.2	27
79	Temporal lobe activations of â€œfeeling-of-knowingâ€•induced by face-name associations. NeuroImage, 2004, 23, 1348-1357.	4.2	43
80	Neural mechanisms of cognitive memory. Keio Journal of Medicine, 2004, 53, 59-68.	1.1	4
81	Delay-period activities in two subdivisions of monkey inferotemporal cortex during pair association memory task. European Journal of Neuroscience, 2003, 18, 2915-2918.	2.6	45
82	Conversion of Working Memory to Motor Sequence in the Monkey Premotor Cortex. Science, 2003, 301, 233-236.	12.6	133
83	Anatomical organization of forward fiber projections from area TE to perirhinal neurons representing visual long-term memory in monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4257-4262.	7.1	74
84	Transient Activation of Superior Prefrontal Cortex during Inhibition of Cognitive Set. Journal of Neuroscience, 2003, 23, 7776-7782.	3.6	66
85	Forward Processing of Long-Term Associative Memory in Monkey Inferotemporal Cortex. Journal of Neuroscience, 2003, 23, 2861-2871.	3.6	167
86	Hemispheric asymmetry in human lateral prefrontal cortex during cognitive set shifting. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7803-7808.	7.1	140
87	Two-Photon Excitation Imaging of Pancreatic Islets With Various Fluorescent Probes. Diabetes, 2002, 51, S25-S28.	0.6	44
88	Functional MRI of Macaque Monkeys Performing a Cognitive Set-Shifting Task. Science, 2002, 295, 1532-1536.	12.6	264
89	From Perception to Sentence Comprehension: The Convergence of Auditory and Visual Information of Language in the Left Inferior Frontal Cortex. NeuroImage, 2002, 16, 883-900.	4.2	102
90	Neural Correlates for Feeling-of-Knowing. Neuron, 2002, 36, 177-186.	8.1	143

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91	Neural Correlates of Recency Judgment. Journal of Neuroscience, 2002, 22, 9549-9555.	3.6	63
92	Application of an MEG eigenspace beamformer to reconstructing spatio-temporal activities of neural sources. Human Brain Mapping, 2002, 15, 199-215.	3.6	110
93	Selective zif268 mRNA induction in the perirhinal cortex of macaque monkeys during formation of visual pair-association memory. Journal of Neurochemistry, 2002, 81, 60-70.	3.9	21
94	Categorizing the world: expert neurons look into key features. Nature Neuroscience, 2002, 5, 90-91.	14.8	17
95	Backward Spreading of Memory-Retrieval Signal in the Primate Temporal Cortex. Science, 2001, 291, 661-664.	12.6	254
96	Spatiotemporal Dynamics of Brain-Derived Neurotrophic Factor mRNA Induction in the Vestibulo-Olivary Network during Vestibular Compensation. Journal of Neuroscience, 2001, 21, 2738-2748.	3.6	27
97	Dendritic spine geometry is critical for AMPA receptor expression in hippocampal CA1 pyramidal neurons. Nature Neuroscience, 2001, 4, 1086-1092.	14.8	1,413
98	Sequential-replenishment mechanism of exocytosis in pancreatic acini. Nature Cell Biology, 2001, 3, 253-258.	10.3	166
99	Ion selectivities of the Ca 2+ sensors for exocytosis in rat phaeochromocytoma cells. Journal of Physiology, 2001, 533, 627-637.	2.9	42
100	Reconstructing spatio-temporal activities of neural sources using an MEG vector beamformer technique. IEEE Transactions on Biomedical Engineering, 2001, 48, 760-771.	4.2	345
101	Cognitive neuroscience at the turn of the millenium. Current Opinion in Neurobiology, 2001, 11, 147-149.	4.2	2
102	BDNF upregulation during declarative memory formation in monkey inferior temporal cortex. Nature Neuroscience, 2000, 3, 1134-1142.	14.8	138
103	Neural representation of visual objects: encoding and top-down activation. Current Opinion in Neurobiology, 2000, 10, 187-194.	4.2	128
104	A syntactic specialization for Broca's area. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6150-6154.	7.1	327
105	Functional Differentiation in the Human Auditory and Language Areas Revealed by a Dichotic Listening Task. NeuroImage, 2000, 12, 147-158.	4.2	83
106	Common inhibitory mechanism in human inferior prefrontal cortex revealed by event-related functional MRI. Brain, 1999, 122, 981-991.	7.6	767
107	Post-priming actions of ATP on Ca2+-dependent exocytosis in pancreatic beta cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 760-765.	7.1	150
108	Kinetic Control of Multiple Forms of Ca2+ Spikes by Inositol Trisphosphate in Pancreatic Acinar Cells. Journal of Cell Biology, 1999, 146, 405-414.	5.2	42

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109	Mapping of somatosensory cortices with functional magnetic resonance imaging in anaesthetized macaque monkeys. European Journal of Neuroscience, 1999, 11, 4451-4456.	2.6	30
110	Top-down signal from prefrontal cortex in executive control of memory retrieval. Nature, 1999, 401, 699-703.	27.8	569
111	Quantitative evaluation of neurotrophin andtrk mRNA expression in visual and limbic areas along the occipito-temporo-hippocampal pathway in adult macaque monkeys. Journal of Comparative Neurology, 1999, 408, 378-398.	1.6	39
112	Memory retrieval under the control of the prefrontal cortex. Annals of Medicine, 1999, 31, 380-387.	3.8	28
113	Quantification of neurotrophin-3 mRNA in the rat hippocampal subregions using the RT-PCR-based coamplification method. Brain Research Protocols, 1999, 4, 407-414.	1.6	11
114	Supralinear Ca2+ Signaling by Cooperative and Mobile Ca2+ Buffering in Purkinje Neurons. Neuron, 1999, 24, 989-1002.	8.1	122
115	Activation of Lateral Extrastriate Areas during Orthographic Processing of Japanese Characters Studied with fMRI. NeuroImage, 1999, 9, 208-215.	4.2	47
116	Contribution of Working Memory to Transient Activation in Human Inferior Prefrontal Cortex during Performance of the Wisconsin Card Sorting Test. Cerebral Cortex, 1999, 9, 745-753.	2.9	160
117	Multiple and diverse forms of regulated exocytosis in wild-type and defective PC12 cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 945-949.	7.1	58
118	Transient activation of inferior prefrontal cortex during cognitive set shifting. Nature Neuroscience, 1998, 1, 80-84.	14.8	391
119	The neuronal basis of visual memory and imagery in the primate: A neurophysiological approach. Advances in Biophysics, 1998, 35, 103-119.	0.5	4
120	No-go dominant brain activity in human inferior prefrontal cortex revealed by functional magnetic resonance imaging. European Journal of Neuroscience, 1998, 10, 1209-1213.	2.6	344
121	Highest trkB mRNA expression in the entorhinal cortex among hippocampal subregions in the adult rat: contrasting pattern with BDNF mRNA expression. Molecular Brain Research, 1998, 62, 206-215.	2.3	20
122	Backward signal from medial temporal lobe in neural circuit reorganization of primate inferotemporal cortex. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 1998, 321, 185-192.	0.8	7
123	Callosal Window Between Prefrontal Cortices: Cognitive Interaction to Retrieve Long-Term Memory. , 1998, 281, 814-818.		124
124	Consolidation of Visual Associative Long-Term Memory in the Temporal Cortex of Primates. Neurobiology of Learning and Memory, 1998, 70, 197-211.	1.9	61
125	Temporal and spatial dissociation of expression patterns between Zif268 and c-Fos in rat inferior olive during vestibular compensation. NeuroReport, 1997, 8, 1891-1895.	1.2	23
126	Multiple Exocytotic Pathways in Pancreatic Î² Cells. Journal of Cell Biology, 1997, 138, 55-64.	5.2	98

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127	Noise covariance incorporated MEG-MUSIC algorithm: a method for multiple-dipole estimation tolerant of the influence of background brain activity. IEEE Transactions on Biomedical Engineering, 1997, 44, 839-847.	4.2	65
128	Cytoplasmic Ca 2+ gradients evoked by acetylcholine and peptides in pancreatic acinar cells of the guinea-pig. Pflugers Archiv European Journal of Physiology, 1997, 433, 397-402.	2.8	9
129	Micromolar and submicromolar Ca2+ spikes regulating distinct cellular functions in pancreatic acinar cells. EMBO Journal, 1997, 16, 242-251.	7.8	132
130	Kinetic diversity in the fusion of exocytotic vesicles. EMBO Journal, 1997, 16, 929-934.	7.8	77
131	Neuronal origin of visual imagery. , 1997, , 150-161.		0
132	Feedback signal from medial temporal lobe mediates visual associative mnemonic codes of inferotemporal neurons. Cognitive Brain Research, 1996, 5, 81-86.	3.0	62
133	Activity of primate inferotemporal neurons related to a sought target in pair-association task.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2664-2669.	7.1	105
134	Transient brain activity used in magnetic resonance imaging to detect functional areas. NeuroReport, 1996, 8, 19-23.	1.2	49
135	Two components of exocytosis and endocytosis in phaeochromocytoma cells studied using caged Ca2+ compounds.. Journal of Physiology, 1996, 494, 53-65.	2.9	69
136	Formation of mnemonic neuronal responses to visual paired associates in inferotemporal cortex is impaired by perirhinal and entorhinal lesions.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 739-743.	7.1	276
137	Expression of the Transcription Factor Zif268 in the Temporal Cortex of Monkeys during Visual Paired Associate Learning. European Journal of Neuroscience, 1996, 8, 2118-2128.	2.6	95
138	Ca2+-dependent Exocytotic Pathways in Chinese Hamster Ovary Fibroblasts Revealed by a Caged-Ca2+ Compound. Journal of Biological Chemistry, 1996, 271, 17751-17754.	3.4	81
139	Functional Mapping of the Human Somatosensory Cortex with Echo-Planar MRI. Magnetic Resonance in Medicine, 1995, 33, 736-743.	3.0	80
140	How the brain creates imagery: projection to primary visual cortex. Science, 1995, 268, 1719-1720.	12.6	71
141	Functional mapping of the human colour centre with echo-planar magnetic resonance imaging. Proceedings of the Royal Society B: Biological Sciences, 1995, 261, 89-98.	2.6	96
142	Visual imagery: an interaction between memory retrieval and focal attention. Trends in Neurosciences, 1994, 17, 287-289.	8.6	57
143	Neuronal tuning to learned complex forms in vision. NeuroReport, 1994, 5, 829-832.	1.2	60
144	Modification of the responses of hippocampal neurons in the monkey during the learning of a conditional spatial response task. Hippocampus, 1993, 3, 29-42.	1.9	92

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145	Responses of single neurons in the hippocampus of the macaque related to recognition memory. Experimental Brain Research, 1993, 93, 299-306.	1.5	119
146	Configurational encoding of complex visual forms by single neurons of monkey temporal cortex. Neuropsychologia, 1993, 31, 1119-1131.	1.6	54
147	Memory and imagery in the temporal lobe. Current Opinion in Neurobiology, 1993, 3, 166-170.	4.2	49
148	Subcellular distribution of Ca2+ release channels underlying Ca2+ waves and oscillations in exocrine pancreas. Cell, 1993, 74, 669-677.	28.9	366
149	Inferior Temporal Cortex: Where Visual Perception Meets Memory. Annual Review of Neuroscience, 1993, 16, 245-263.	10.7	459
150	Agonist-induced localized Ca2+ spikes directly triggering exocytotic secretion in exocrine pancreas.. EMBO Journal, 1993, 12, 3017-3022.	7.8	108
151	Critical intracellular Ca2+ concentration for all-or-none Ca2+ spiking in single smooth muscle cells.. EMBO Journal, 1993, 12, 5287-5291.	7.8	85
152	Generation of fractal patterns for probing the visual memory. Neuroscience Research, 1991, 12, 307-311.	1.9	66
153	Neural organization for the long-term memory of paired associates. Nature, 1991, 354, 152-155.	27.8	795
154	Hippocampal neurons in the monkey with activity related to the place in which a stimulus is shown. Journal of Neuroscience, 1989, 9, 1835-1845.	3.6	209
155	Responses of hippocampal formation neurons in the monkey related to delayed spatial response and object-place memory tasks. Behavioural Brain Research, 1989, 33, 229-240.	2.2	153
156	Cerebellar Mechanisms in the Adaptation of Vestibuloocular Reflex. Research Notes in Neural Computing, 1989, , 227-237.	0.1	0
157	Neuronal Representation of Pictorial Working Memory in the Primate Temporal Cortex. Research Notes in Neural Computing, 1989, , 183-191.	0.1	0
158	Neuronal correlate of pictorial short-term memory in the primate temporal cortexYasushi Miyashita. Nature, 1988, 331, 68-70.	27.8	858
159	Neuronal correlate of visual associative long-term memory in the primate temporal cortex. Nature, 1988, 335, 817-820.	27.8	683
160	Loss of vision-guided adaptation of the vestibulo-ocular reflex after depletion of brain serotonin in the rabbit. Neuroscience Letters, 1984, 51, 177-182.	2.1	22
161	Analysis of signal content of Purkinje cell responses to optokinetic stimuli in the rabbit cerebellar flocculus by selective lesions of brainstem pathways. Neuroscience Research, 1984, 1, 223-241.	1.9	28
162	Adaptive modification of the rabbit's horizontal vestibulo-ocular reflex during sustained vestibular and optokinetic stimulation. Experimental Brain Research, 1979, 37, 17-30.	1.5	69

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163	Functional localization in the rabbits inferior olive determined in connection with the vestibulo-ocular reflex. Neuroscience Letters, 1978, 8, 283-287.	2.1	20
164	A neuronal correlate in rabbit's cerebellum to adaptive modification of the vestibulo-ocular reflex. Brain Research, 1978, 150, 611-616.	2.2	186
165	Functional localization in the rabbit's cerebellar flocculus determined in relationship with eye movements. Neuroscience Letters, 1977, 5, 273-277.	2.1	101
166	The Effects of Chronic Destruction of the Inferior Olive upon Visual Modification of the Horizontal Vestibulo-Ocular Reflex of Rabbits. Proceedings of the Japan Academy, 1975, 51, 716-720.	0.4	72