

Yasushi Miyashita

List of Publications by Year in descending order

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166
papers

17,738
citations

16451

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all docs

176
docs citations

176
times ranked

12887
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic spine geometry is critical for AMPA receptor expression in hippocampal CA1 pyramidal neurons. <i>Nature Neuroscience</i> , 2001, 4, 1086-1092.	14.8	1,413
2	Neuronal correlate of pictorial short-term memory in the primate temporal cortex Yasushi Miyashita. <i>Nature</i> , 1988, 331, 68-70.	27.8	858
3	Neural organization for the long-term memory of paired associates. <i>Nature</i> , 1991, 354, 152-155.	27.8	795
4	Common inhibitory mechanism in human inferior prefrontal cortex revealed by event-related functional MRI. <i>Brain</i> , 1999, 122, 981-991.	7.6	767
5	Neuronal correlate of visual associative long-term memory in the primate temporal cortex. <i>Nature</i> , 1988, 335, 817-820.	27.8	683
6	Top-down signal from prefrontal cortex in executive control of memory retrieval. <i>Nature</i> , 1999, 401, 699-703.	27.8	569
7	Inferior Temporal Cortex: Where Visual Perception Meets Memory. <i>Annual Review of Neuroscience</i> , 1993, 16, 245-263.	10.7	459
8	Transient activation of inferior prefrontal cortex during cognitive set shifting. <i>Nature Neuroscience</i> , 1998, 1, 80-84.	14.8	391
9	Subcellular distribution of Ca ²⁺ release channels underlying Ca ²⁺ waves and oscillations in exocrine pancreas. <i>Cell</i> , 1993, 74, 669-677.	28.9	366
10	Reconstructing spatio-temporal activities of neural sources using an MEG vector beamformer technique. <i>IEEE Transactions on Biomedical Engineering</i> , 2001, 48, 760-771.	4.2	345
11	No-go dominant brain activity in human inferior prefrontal cortex revealed by functional magnetic resonance imaging. <i>European Journal of Neuroscience</i> , 1998, 10, 1209-1213.	2.6	344
12	A syntactic specialization for Broca's area. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 6150-6154.	7.1	327
13	Preparation to Inhibit a Response Complements Response Inhibition during Performance of a Stop-Signal Task. <i>Journal of Neuroscience</i> , 2009, 29, 15870-15877.	3.6	316
14	Cognitive Memory: Cellular and Network Machineries and Their Top-Down Control. <i>Science</i> , 2004, 306, 435-440.	12.6	306
15	Formation of mnemonic neuronal responses to visual paired associates in inferotemporal cortex is impaired by perirhinal and entorhinal lesions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 739-743.	7.1	276
16	Functional MRI of Macaque Monkeys Performing a Cognitive Set-Shifting Task. <i>Science</i> , 2002, 295, 1532-1536.	12.6	264
17	Backward Spreading of Memory-Retrieval Signal in the Primate Temporal Cortex. <i>Science</i> , 2001, 291, 661-664.	12.6	254
18	Functional Magnetic Resonance Imaging of Macaque Monkeys Performing Visually Guided Saccade Tasks. <i>Neuron</i> , 2004, 41, 795-807.	8.1	246

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19	Functional Dissociation in Right Inferior Frontal Cortex during Performance of Go/No-Go Task. <i>Cerebral Cortex</i> , 2009, 19, 146-152.	2.9	244
20	Activation of Right Inferior Frontal Gyrus during Response Inhibition across Response Modalities. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 69-80.	2.3	241
21	Functional Connectivity between Anatomically Unconnected Areas Is Shaped by Collective Network-Level Effects in the Macaque Cortex. <i>Cerebral Cortex</i> , 2012, 22, 1586-1592.	2.9	217
22	Hippocampal neurons in the monkey with activity related to the place in which a stimulus is shown. <i>Journal of Neuroscience</i> , 1989, 9, 1835-1845.	3.6	209
23	A neuronal correlate in rabbit's cerebellum to adaptive modification of the vestibulo-ocular reflex. <i>Brain Research</i> , 1978, 150, 611-616.	2.2	186
24	Forward Processing of Long-Term Associative Memory in Monkey Inferotemporal Cortex. <i>Journal of Neuroscience</i> , 2003, 23, 2861-2871.	3.6	167
25	Sequential-replenishment mechanism of exocytosis in pancreatic acini. <i>Nature Cell Biology</i> , 2001, 3, 253-258.	10.3	166
26	Contribution of Working Memory to Transient Activation in Human Inferior Prefrontal Cortex during Performance of the Wisconsin Card Sorting Test. <i>Cerebral Cortex</i> , 1999, 9, 745-753.	2.9	160
27	Mitigation of Sociocommunicational Deficits of Autism Through Oxytocin-Induced Recovery of Medial Prefrontal Activity. <i>JAMA Psychiatry</i> , 2014, 71, 166.	11.0	154
28	Responses of hippocampal formation neurons in the monkey related to delayed spatial response and object-place memory tasks. <i>Behavioural Brain Research</i> , 1989, 33, 229-240.	2.2	153
29	Post-priming actions of ATP on Ca ²⁺ -dependent exocytosis in pancreatic beta cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 760-765.	7.1	150
30	Neural Correlates for Feeling-of-Knowing. <i>Neuron</i> , 2002, 36, 177-186.	8.1	143
31	Hemispheric asymmetry in human lateral prefrontal cortex during cognitive set shifting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7803-7808.	7.1	140
32	BDNF upregulation during declarative memory formation in monkey inferior temporal cortex. <i>Nature Neuroscience</i> , 2000, 3, 1134-1142.	14.8	138
33	A pairwise maximum entropy model accurately describes resting-state human brain networks. <i>Nature Communications</i> , 2013, 4, 1370.	12.8	134
34	Conversion of Working Memory to Motor Sequence in the Monkey Premotor Cortex. <i>Science</i> , 2003, 301, 233-236.	12.6	133
35	Micromolar and submicromolar Ca ²⁺ spikes regulating distinct cellular functions in pancreatic acinar cells. <i>EMBO Journal</i> , 1997, 16, 242-251.	7.8	132
36	Neural representation of visual objects: encoding and top-down activation. <i>Current Opinion in Neurobiology</i> , 2000, 10, 187-194.	4.2	128

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37	Reversal of Interlaminar Signal Between Sensory and Memory Processing in Monkey Temporal Cortex. <i>Science</i> , 2011, 331, 1443-1447.	12.6	125
38	Callosal Window Between Prefrontal Cortices: Cognitive Interaction to Retrieve Long-Term Memory. , 1998, 281, 814-818.		124
39	Supralinear Ca ²⁺ Signaling by Cooperative and Mobile Ca ²⁺ Buffering in Purkinje Neurons. <i>Neuron</i> , 1999, 24, 989-1002.	8.1	122
40	Responses of single neurons in the hippocampus of the macaque related to recognition memory. <i>Experimental Brain Research</i> , 1993, 93, 299-306.	1.5	119
41	Application of an MEG eigenspace beamformer to reconstructing spatio-temporal activities of neural sources. <i>Human Brain Mapping</i> , 2002, 15, 199-215.	3.6	110
42	Agonist-induced localized Ca ²⁺ spikes directly triggering exocytotic secretion in exocrine pancreas.. <i>EMBO Journal</i> , 1993, 12, 3017-3022.	7.8	108
43	Activity of primate inferotemporal neurons related to a sought target in pair-association task.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 2664-2669.	7.1	105
44	From Perception to Sentence Comprehension: The Convergence of Auditory and Visual Information of Language in the Left Inferior Frontal Cortex. <i>NeuroImage</i> , 2002, 16, 883-900.	4.2	102
45	Functional localization in the rabbit's cerebellar flocculus determined in relationship with eye movements. <i>Neuroscience Letters</i> , 1977, 5, 273-277.	2.1	101
46	Multiple Exocytotic Pathways in Pancreatic \hat{I}^2 Cells. <i>Journal of Cell Biology</i> , 1997, 138, 55-64.	5.2	98
47	Functional mapping of the human colour centre with echo-planar magnetic resonance imaging. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 261, 89-98.	2.6	96
48	Expression of the Transcription Factor Zif268 in the Temporal Cortex of Monkeys during Visual Paired Associate Learning. <i>European Journal of Neuroscience</i> , 1996, 8, 2118-2128.	2.6	95
49	Towards understanding of the cortical network underlying associative memory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2187-2199.	4.0	94
50	Modification of the responses of hippocampal neurons in the monkey during the learning of a conditional spatial response task. <i>Hippocampus</i> , 1993, 3, 29-42.	1.9	92
51	Effects of rTMS of Pre-Supplementary Motor Area on Fronto Basal Ganglia Network Activity during Stop-Signal Task. <i>Journal of Neuroscience</i> , 2015, 35, 4813-4823.	3.6	86
52	Causal neural network of metamemory for retrospection in primates. <i>Science</i> , 2017, 355, 188-193.	12.6	86
53	Critical intracellular Ca ²⁺ concentration for all-or-none Ca ²⁺ spiking in single smooth muscle cells.. <i>EMBO Journal</i> , 1993, 12, 5287-5291.	7.8	85
54	Functional Differentiation in the Human Auditory and Language Areas Revealed by a Dichotic Listening Task. <i>NeuroImage</i> , 2000, 12, 147-158.	4.2	83

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55	Bidirectional effects on interhemispheric resting-state functional connectivity induced by excitatory and inhibitory repetitive transcranial magnetic stimulation. <i>Human Brain Mapping</i> , 2014, 35, 1896-1905.	3.6	83
56	Ca ²⁺ -dependent Exocytotic Pathways in Chinese Hamster Ovary Fibroblasts Revealed by a Caged-Ca ²⁺ Compound. <i>Journal of Biological Chemistry</i> , 1996, 271, 17751-17754.	3.4	81
57	Functional Mapping of the Human Somatosensory Cortex with Echo-Planar MRI. <i>Magnetic Resonance in Medicine</i> , 1995, 33, 736-743.	3.0	80
58	Direct Comparison of Spontaneous Functional Connectivity and Effective Connectivity Measured by Intracortical Microstimulation: An fMRI Study in Macaque Monkeys. <i>Cerebral Cortex</i> , 2011, 21, 2348-2356.	2.9	80
59	Kinetic diversity in the fusion of exocytotic vesicles. <i>EMBO Journal</i> , 1997, 16, 929-934.	7.8	77
60	Anatomical organization of forward fiber projections from area TE to perirhinal neurons representing visual long-term memory in monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4257-4262.	7.1	74
61	The Effects of Chronic Destruction of the Inferior Olive upon Visual Modification of the Horizontal Vestibulo-Ocular Reflex of Rabbits. <i>Proceedings of the Japan Academy</i> , 1975, 51, 716-720.	0.4	72
62	How the brain creates imagery: projection to primary visual cortex. <i>Science</i> , 1995, 268, 1719-1720.	12.6	71
63	Characterization of the Properties of Seven Promoters in the Motor Cortex of Rats and Monkeys After Lentiviral Vector-Mediated Gene Transfer. <i>Human Gene Therapy Methods</i> , 2013, 24, 333-344.	2.1	71
64	Adaptive modification of the rabbit's horizontal vestibulo-ocular reflex during sustained vestibular and optokinetic stimulation. <i>Experimental Brain Research</i> , 1979, 37, 17-30.	1.5	69
65	Two components of exocytosis and endocytosis in phaeochromocytoma cells studied using caged Ca ²⁺ compounds. <i>Journal of Physiology</i> , 1996, 494, 53-65.	2.9	69
66	Efficiency of Go/No-Go Task Performance Implemented in the Left Hemisphere. <i>Journal of Neuroscience</i> , 2012, 32, 9059-9065.	3.6	69
67	Dynamically Modulated Spike Correlation in Monkey Inferior Temporal Cortex Depending on the Feature Configuration within a Whole Object. <i>Journal of Neuroscience</i> , 2005, 25, 10299-10307.	3.6	68
68	A glass-coated tungsten microelectrode enclosing optical fibers for optogenetic exploration in primate deep brain structures. <i>Journal of Neuroscience Methods</i> , 2012, 211, 49-57.	2.5	67
69	Generation of fractal patterns for probing the visual memory. <i>Neuroscience Research</i> , 1991, 12, 307-311.	1.9	66
70	Transient Activation of Superior Prefrontal Cortex during Inhibition of Cognitive Set. <i>Journal of Neuroscience</i> , 2003, 23, 7776-7782.	3.6	66
71	Noise covariance incorporated MEG-MUSIC algorithm: a method for multiple-dipole estimation tolerant of the influence of background brain activity. <i>IEEE Transactions on Biomedical Engineering</i> , 1997, 44, 839-847.	4.2	65
72	Right temporopolar activation associated with unique perception. <i>NeuroImage</i> , 2008, 41, 145-152.	4.2	64

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73	Neural Correlates of Recency Judgment. <i>Journal of Neuroscience</i> , 2002, 22, 9549-9555.	3.6	63
74	Neural mechanism in anterior prefrontal cortex for inhibition of prolonged set interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12584-12588.	7.1	63
75	Energy landscapes of resting-state brain networks. <i>Frontiers in Neuroinformatics</i> , 2014, 8, 12.	2.5	63
76	Feedback signal from medial temporal lobe mediates visual associative mnemonic codes of inferotemporal neurons. <i>Cognitive Brain Research</i> , 1996, 5, 81-86.	3.0	62
77	Two distinct neural mechanisms underlying indirect reciprocity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3990-3995.	7.1	62
78	Consolidation of Visual Associative Long-Term Memory in the Temporal Cortex of Primates. <i>Neurobiology of Learning and Memory</i> , 1998, 70, 197-211.	1.9	61
79	Neuronal tuning to learned complex forms in vision. <i>NeuroReport</i> , 1994, 5, 829-832.	1.2	60
80	Multiple and diverse forms of regulated exocytosis in wild-type and defective PC12 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 945-949.	7.1	58
81	Visual imagery: an interaction between memory retrieval and focal attention. <i>Trends in Neurosciences</i> , 1994, 17, 287-289.	8.6	57
82	Configurational encoding of complex visual forms by single neurons of monkey temporal cortex. <i>Neuropsychologia</i> , 1993, 31, 1119-1131.	1.6	54
83	Reversible Silencing of the Frontopolar Cortex Selectively Impairs Metacognitive Judgment on Non-experience in Primates. <i>Neuron</i> , 2018, 97, 980-989.e6.	8.1	50
84	Memory and imagery in the temporal lobe. <i>Current Opinion in Neurobiology</i> , 1993, 3, 166-170.	4.2	49
85	Transient brain activity used in magnetic resonance imaging to detect functional areas. <i>NeuroReport</i> , 1996, 8, 19-23.	1.2	49
86	Perirhinal circuits for memory processing. <i>Nature Reviews Neuroscience</i> , 2019, 20, 577-592.	10.2	48
87	Activation of Lateral Extrastriate Areas during Orthographic Processing of Japanese Characters Studied with fMRI. <i>NeuroImage</i> , 1999, 9, 208-215.	4.2	47
88	MRI-based localization of electrophysiological recording sites within the cerebral cortex at single-voxel accuracy. <i>Nature Methods</i> , 2007, 4, 161-168.	19.0	47
89	Microcircuits for Hierarchical Elaboration of Object Coding Across Primate Temporal Areas. <i>Science</i> , 2013, 341, 191-195.	12.6	47
90	Active Maintenance of Associative Mnemonic Signal in Monkey Inferior Temporal Cortex. <i>Neuron</i> , 2005, 48, 839-848.	8.1	46

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91	Delay-period activities in two subdivisions of monkey inferotemporal cortex during pair association memory task. <i>European Journal of Neuroscience</i> , 2003, 18, 2915-2918.	2.6	45
92	Conversion of object identity to object-general semantic value in the primate temporal cortex. <i>Science</i> , 2017, 357, 687-692.	12.6	45
93	Two-Photon Excitation Imaging of Pancreatic Islets With Various Fluorescent Probes. <i>Diabetes</i> , 2002, 51, S25-S28.	0.6	44
94	Formation of Long-Term Memory Representation in Human Temporal Cortex Related to Pictorial Paired Associates. <i>Journal of Neuroscience</i> , 2009, 29, 10335-10340.	3.6	44
95	Temporal lobe activations of "feeling-of-knowing" induced by face-name associations. <i>NeuroImage</i> , 2004, 23, 1348-1357.	4.2	43
96	Unitized representation of paired objects in area f35 of the macaque perirhinal cortex. <i>European Journal of Neuroscience</i> , 2010, 32, 659-667.	2.6	43
97	Kinetic Control of Multiple Forms of Ca ²⁺ Spikes by Inositol Trisphosphate in Pancreatic Acinar Cells. <i>Journal of Cell Biology</i> , 1999, 146, 405-414.	5.2	42
98	Ion selectivities of the Ca ²⁺ sensors for exocytosis in rat pheochromocytoma cells. <i>Journal of Physiology</i> , 2001, 533, 627-637.	2.9	42
99	Functional Microcircuit Recruited during Retrieval of Object Association Memory in Monkey Perirhinal Cortex. <i>Neuron</i> , 2013, 77, 192-203.	8.1	42
100	NEUROSCIENCE: Understanding Intentions: Through the Looking Glass. <i>Science</i> , 2005, 308, 644-645.	12.6	41
101	Quantitative evaluation of neurotrophin and trk mRNA expression in visual and limbic areas along the occipito-temporo-hippocampal pathway in adult macaque monkeys. <i>Journal of Comparative Neurology</i> , 1999, 408, 378-398.	1.6	39
102	Multiple components of lateral posterior parietal activation associated with cognitive set shifting. <i>NeuroImage</i> , 2005, 26, 694-702.	4.2	39
103	Cognitive Set Reconfiguration Signaled by Macaque Posterior Parietal Neurons. <i>Neuron</i> , 2009, 61, 941-951.	8.1	39
104	Method for Enhancing Cell Penetration of Gd ³⁺ -based MRI Contrast Agents by Conjugation with Hydrophobic Fluorescent Dyes. <i>Bioconjugate Chemistry</i> , 2011, 22, 2227-2236.	3.6	37
105	Activation Shift from Medial to Lateral Temporal Cortex Associated with Recency Judgements Following Impoverished Encoding. <i>Cerebral Cortex</i> , 2006, 16, 469-474.	2.9	35
106	Amygdalar enlargement associated with unique perception. <i>Cortex</i> , 2010, 46, 94-99.	2.4	35
107	Optogenetic Manipulation of Cerebellar Purkinje Cell Activity In Vivo. <i>PLoS ONE</i> , 2011, 6, e22400.	2.5	33
108	Prefrontal Neuronal Activity Encodes Spatial Target Representations Sequentially Updated After Nonspatial Target-Shift Cues. <i>Journal of Neurophysiology</i> , 2004, 91, 1367-1380.	1.8	31

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109	Functional Differentiation of Memory Retrieval Network in Macaque Posterior Parietal Cortex. <i>Neuron</i> , 2013, 77, 787-799.	8.1	31
110	Mapping of somatosensory cortices with functional magnetic resonance imaging in anaesthetized macaque monkeys. <i>European Journal of Neuroscience</i> , 1999, 11, 4451-4456.	2.6	30
111	Exploring the neural basis of cognition: multi-modal links between human fMRI and macaque neurophysiology. <i>Trends in Cognitive Sciences</i> , 2007, 11, 84-92.	7.8	30
112	Analysis of signal content of Purkinje cell responses to optokinetic stimuli in the rabbit cerebellar flocculus by selective lesions of brainstem pathways. <i>Neuroscience Research</i> , 1984, 1, 223-241.	1.9	28
113	Memory retrieval under the control of the prefrontal cortex. <i>Annals of Medicine</i> , 1999, 31, 380-387.	3.8	28
114	Spatiotemporal Dynamics of Brain-Derived Neurotrophic Factor mRNA Induction in the Vestibulo-Olivary Network during Vestibular Compensation. <i>Journal of Neuroscience</i> , 2001, 21, 2738-2748.	3.6	27
115	Dissociable concurrent activity of lateral and medial frontal lobe during negative feedback processing. <i>NeuroImage</i> , 2004, 22, 1578-1586.	4.2	27
116	On Verbal/Nonverbal Modality Dependence of Left and Right Inferior Prefrontal Activation during Performance of Flanker Interference Task. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 2006-2014.	2.3	26
117	Sub-centimeter scale functional organization in human inferior frontal gyrus. <i>NeuroImage</i> , 2009, 47, 442-450.	4.2	26
118	fMRI Activity in the Macaque Cerebellum Evoked by Intracortical Microstimulation of the Primary Somatosensory Cortex: Evidence for Polysynaptic Propagation. <i>PLoS ONE</i> , 2012, 7, e47515.	2.5	26
119	Top-Down Regulation of Laminar Circuit via Inter-Area Signal for Successful Object Memory Recall in Monkey Temporal Cortex. <i>Neuron</i> , 2015, 86, 840-852.	8.1	26
120	Amygdalar modulation of frontotemporal connectivity during the inkblot test. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 103-110.	1.8	25
121	Prediction of subsequent recognition performance using brain activity in the medial temporal lobe. <i>NeuroImage</i> , 2011, 54, 3085-3092.	4.2	25
122	Local Signal Time-Series during Rest Used for Areal Boundary Mapping in Individual Human Brains. <i>PLoS ONE</i> , 2012, 7, e36496.	2.5	25
123	Laminar Module Cascade from Layer 5 to 6 Implementing Cue-to-Target Conversion for Object Memory Retrieval in the Primate Temporal Cortex. <i>Neuron</i> , 2016, 92, 518-529.	8.1	25
124	Functional Dissociation between Anterior and Posterior Temporal Cortical Regions during Retrieval of Remote Memory. <i>Journal of Neuroscience</i> , 2012, 32, 9659-9670.	3.6	24
125	Temporal and spatial dissociation of expression patterns between Zif268 and c-Fos in rat inferior olive during vestibular compensation. <i>NeuroReport</i> , 1997, 8, 1891-1895.	1.2	23
126	Loss of vision-guided adaptation of the vestibulo-ocular reflex after depletion of brain serotonin in the rabbit. <i>Neuroscience Letters</i> , 1984, 51, 177-182.	2.1	22

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127	Selective zif268 mRNA induction in the perirhinal cortex of macaque monkeys during formation of visual pair-association memory. <i>Journal of Neurochemistry</i> , 2002, 81, 60-70.	3.9	21
128	Neurodynamics of Cognitive Set Shifting in Monkey Frontal Cortex and Its Causal Impact on Behavioral Flexibility. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2171-2185.	2.3	21
129	Computational principles of microcircuits for visual object processing in the macaque temporal cortex. <i>Trends in Neurosciences</i> , 2014, 37, 178-187.	8.6	21
130	Functional localization in the rabbits inferior olive determined in connection with the vestibulo-ocular reflex. <i>Neuroscience Letters</i> , 1978, 8, 283-287.	2.1	20
131	Highest trkB mRNA expression in the entorhinal cortex among hippocampal subregions in the adult rat: contrasting pattern with BDNF mRNA expression. <i>Molecular Brain Research</i> , 1998, 62, 206-215.	2.3	20
132	A bicistronic lentiviral vector-based method for differential transsynaptic tracing of neural circuits. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 136-147.	2.2	19
133	Functional Relevance of Micromodules in the Human Association Cortex Delineated with High-Resolution fMRI. <i>Cerebral Cortex</i> , 2013, 23, 2863-2871.	2.9	19
134	Dissociable Memory Traces within the Macaque Medial Temporal Lobe Predict Subsequent Recognition Performance. <i>Journal of Neuroscience</i> , 2014, 34, 1988-1997.	3.6	19
135	Dynamically Allocated Hub in Task-Evoked Network Predicts the Vulnerable Prefrontal Locus for Contextual Memory Retrieval in Macaques. <i>PLoS Biology</i> , 2015, 13, e1002177.	5.6	19
136	Triphasic Dynamics of Stimulus-Dependent Information Flow between Single Neurons in Macaque Inferior Temporal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 10407-10421.	3.6	18
137	Categorizing the world: expert neurons look into key features. <i>Nature Neuroscience</i> , 2002, 5, 90-91.	14.8	17
138	Differential temporo-parietal cortical networks that support relational and item-based recency judgments. <i>NeuroImage</i> , 2010, 49, 3474-3480.	4.2	17
139	Optogenetic inhibition of Purkinje cell activity reveals cerebellar control of blood pressure during postural alterations in anesthetized rats. <i>Neuroscience</i> , 2012, 210, 137-144.	2.3	17
140	Changes in cerebro-cerebellar interaction during response inhibition after performance improvement. <i>NeuroImage</i> , 2014, 99, 142-148.	4.2	17
141	Differential superior prefrontal activity on initial versus subsequent shifts in naive subjects. <i>NeuroImage</i> , 2008, 41, 575-580.	4.2	14
142	Involvement of medial prefrontal cortex in emotion during feedback presentation. <i>NeuroReport</i> , 2009, 20, 886-890.	1.2	14
143	In vivo visualization of single-unit recording sites using MRI-detectable elgiloy deposit marking. <i>Journal of Neurophysiology</i> , 2011, 105, 1380-1392.	1.8	14
144	Distinct Neuronal Interactions in Anterior Inferotemporal Areas of Macaque Monkeys during Retrieval of Object Association Memory. <i>Journal of Neuroscience</i> , 2014, 34, 9377-9388.	3.6	14

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145	A critical component that activates the left inferior prefrontal cortex during interference resolution. <i>European Journal of Neuroscience</i> , 2009, 29, 1915-1920.	2.6	13
146	Neuronal Signal Dynamics during Preparation and Execution for Behavioral Shifting in Macaque Posterior Parietal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2503-2520.	2.3	13
147	Medial prefrontal activity during shifting under novel situations. <i>Neuroscience Letters</i> , 2010, 484, 182-186.	2.1	12
148	Role for Presupplementary Motor Area in Inhibition of Cognitive Set Interference. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 737-745.	2.3	12
149	Avian sarcoma leukosis virus receptor-envelope system for simultaneous dissection of multiple neural circuits in mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2947-E2956.	7.1	12
150	Quantification of neurotrophin-3 mRNA in the rat hippocampal subregions using the RT-PCR-based coamplification method. <i>Brain Research Protocols</i> , 1999, 4, 407-414.	1.6	11
151	Cytoplasmic Ca ²⁺ gradients evoked by acetylcholine and peptides in pancreatic acinar cells of the guinea-pig. <i>Pflügers Archiv European Journal of Physiology</i> , 1997, 433, 397-402.	2.8	9
152	Dynamic laminar rerouting of inter-areal mnemonic signal by cognitive operations in primate temporal cortex. <i>Nature Communications</i> , 2018, 9, 4629.	12.8	9
153	Backward signal from medial temporal lobe in neural circuit reorganization of primate inferotemporal cortex. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 1998, 321, 185-192.	0.8	7
154	Dissociable Temporo-Parietal Memory Networks Revealed by Functional Connectivity during Episodic Retrieval. <i>PLoS ONE</i> , 2013, 8, e71210.	2.5	7
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