

Mark D'Esposito

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

39,633
citations

2440

100
h-index

3595

187
g-index

311
all docs

311
docs citations

311
times ranked

30123
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of PFC networks in cognitive control and executive function. <i>Neuropsychopharmacology</i> , 2022, 47, 90-103.	2.8	166
2	Associations among locus coeruleus catecholamines, tau pathology, and memory in aging. <i>Neuropsychopharmacology</i> , 2022, 47, 1106-1113.	2.8	27
3	Focal neural perturbations reshape low-dimensional trajectories of brain activity supporting cognitive performance. <i>Nature Communications</i> , 2022, 13, 4.	5.8	7
4	Consciousness is supported by near-critical slow cortical electrodynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	56
5	Emotional Context Sculpts Action Goal Representations in the Lateral Frontal Pole. <i>Journal of Neuroscience</i> , 2022, 42, 1529-1541.	1.7	5
6	Diurnal variations of resting-state fMRI data: A graph-based analysis. <i>NeuroImage</i> , 2022, 256, 119246.	2.1	16
7	Long-Term Effect of Cognitive Rehabilitation Regardless of Prerehabilitation Cognitive Status for Veterans with TBI. <i>Applied Neuropsychology Adult</i> , 2021, 28, 436-448.	0.7	4
8	Overlooked Tertiary Sulci Serve as a Meso-Scale Link between Microstructural and Functional Properties of Human Lateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 2229-2244.	1.7	53
9	Differential contributions of static and time-varying functional connectivity to human behavior. <i>Network Neuroscience</i> , 2021, 5, 145-165.	1.4	24
10	A Novel BrainHealth Index Prototype Improved by Telehealth-Delivered Training During COVID-19. <i>Frontiers in Public Health</i> , 2021, 9, 641754.	1.3	11
11	An MRI protocol for anatomical and functional evaluation of the California sea lion brain. <i>Journal of Neuroscience Methods</i> , 2021, 353, 109097.	1.3	10
12	Investigating interactive effects of worry and the catechol-o-methyltransferase gene (COMT) on working memory performance. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 1153-1163.	1.0	2
13	Working memory, cortical dopamine tone, and frontoparietal brain recruitment in post-traumatic stress disorder: a randomized controlled trial. <i>Translational Psychiatry</i> , 2021, 11, 389.	2.4	4
14	Improved normalization of lesioned brains via cohort-specific templates. <i>Human Brain Mapping</i> , 2021, 42, 4187-4204.	1.9	8
15	Introduction to the Special Issue. <i>Journal of Cognitive Neuroscience</i> , 2021, , 1-1.	1.1	0
16	Using Tertiary Sulci to Map the "Cognitive Globe" of Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1698-1715.	1.1	19
17	Pupil-Linked Arousal Biases Evidence Accumulation Toward Desirable Percepts During Perceptual Decision-Making. <i>Psychological Science</i> , 2021, 32, 1494-1509.	1.8	7
18	Enhancing dopamine tone modulates global and local cortical perfusion as a function of COMT val158met genotype. <i>NeuroImage</i> , 2021, 242, 118472.	2.1	5

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19	Impact of baseline neurocognitive functioning on outcomes following rehabilitation of executive function training for veterans with history of traumatic brain injury. <i>Applied Neuropsychology Adult</i> , 2020, 27, 108-120.	0.7	4
20	Goal-Oriented Attention Self-Regulation (GOALS) training in older adults. <i>Aging and Mental Health</i> , 2020, 24, 464-473.	1.5	6
21	The Human Intraparietal Sulcus Modulates Task-Evoked Functional Connectivity. <i>Cerebral Cortex</i> , 2020, 30, 875-887.	1.6	10
22	A simple method for detecting chaos in nature. <i>Communications Biology</i> , 2020, 3, 11.	2.0	92
23	Effects of Dopaminergic Drugs on Cognitive Control Processes Vary by Genotype. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 804-821.	1.1	18
24	Dissociable Neural Systems Support the Learning and Transfer of Hierarchical Control Structure. <i>Journal of Neuroscience</i> , 2020, 40, 6624-6637.	1.7	7
25	Dissociable neural mechanisms underlie currently-relevant, future-relevant, and discarded working memory representations. <i>Scientific Reports</i> , 2020, 10, 11195.	1.6	19
26	Causal Contribution of Awake Post-encoding Processes to Episodic Memory Consolidation. <i>Current Biology</i> , 2020, 30, 3533-3543.e7.	1.8	26
27	Distinct Oscillatory Dynamics Underlie Different Components of Hierarchical Cognitive Control. <i>Journal of Neuroscience</i> , 2020, 40, 4945-4953.	1.7	25
28	Brain-wide functional architecture remodeling by alcohol dependence and abstinence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2149-2159.	3.3	66
29	The drift diffusion model as the choice rule in inter-temporal and risky choice: A case study in medial orbitofrontal cortex lesion patients and controls. <i>PLoS Computational Biology</i> , 2020, 16, e1007615.	1.5	44
30	Causal Evidence for a Role of Theta and Alpha Oscillations in the Control of Working Memory. <i>Current Biology</i> , 2020, 30, 1748-1754.e4.	1.8	149
31	Title is missing!. , 2020, 16, e1007615.		0
32	Title is missing!. , 2020, 16, e1007615.		0
33	Title is missing!. , 2020, 16, e1007615.		0
34	Title is missing!. , 2020, 16, e1007615.		0
35	Title is missing!. , 2020, 16, e1007615.		0
36	Title is missing!. , 2020, 16, e1007615.		0

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37	Lesions to the Fronto-Parietal Network Impact Alpha-Band Phase Synchrony and Cognitive Control. <i>Cerebral Cortex</i> , 2019, 29, 4143-4153.	1.6	14
38	Long-term effects of executive function training among veterans with chronic TBI. <i>Brain Injury</i> , 2019, 33, 1513-1521.	0.6	8
39	Are individual differences in human brain organization measured with functional MRI meaningful?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22432-22434.	3.3	19
40	Brain network modularity predicts cognitive training-related gains in young adults. <i>Neuropsychologia</i> , 2019, 131, 205-215.	0.7	29
41	The what, where and how of delay activity. <i>Nature Reviews Neuroscience</i> , 2019, 20, 466-481.	4.9	122
42	Causal Evidence for the Role of Neuronal Oscillations in Top-down and Bottom-up Attention. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 768-779.	1.1	36
43	Dopaminergic Mechanisms Underlying Normal Variation in Trait Anxiety. <i>Journal of Neuroscience</i> , 2019, 39, 2735-2744.	1.7	36
44	Brain Modularity: A Biomarker of Intervention-related Plasticity. <i>Trends in Cognitive Sciences</i> , 2019, 23, 293-304.	4.0	107
45	A sensorimotor view of verbal working memory. <i>Cortex</i> , 2019, 112, 134-148.	1.1	57
46	Frontoparietal Activity Interacts With Task-Evoked Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2019, 29, 802-813.	1.6	17
47	Reaffirming the Sensory Recruitment Account of Working Memory. <i>Trends in Cognitive Sciences</i> , 2018, 22, 190-192.	4.0	75
48	Effects of tolcapone and bromocriptine on cognitive stability and flexibility. <i>Psychopharmacology</i> , 2018, 235, 1295-1305.	1.5	23
49	White matter microstructure, white matter lesions, and hypertension: An examination of early surrogate markers of vascular-related brain change in midlife. <i>NeuroImage: Clinical</i> , 2018, 18, 753-761.	1.4	29
50	Quantitative Anatomical Evidence for a Dorsoventral and Rostrocaudal Segregation within the Nonhuman Primate Frontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 353-364.	1.1	3
51	Dopamine Synthesis Capacity is Associated with D2/3 Receptor Binding but Not Dopamine Release. <i>Neuropsychopharmacology</i> , 2018, 43, 1201-1211.	2.8	43
52	A mechanistic model of connector hubs, modularity and cognition. <i>Nature Human Behaviour</i> , 2018, 2, 765-777.	6.2	187
53	Is There Evidence for a Rostral-Caudal Gradient in Fronto-Striatal Loops and What Role Does Dopamine Play?. <i>Frontiers in Neuroscience</i> , 2018, 12, 242.	1.4	16
54	Flexible Coding of Visual Working Memory Representations during Distraction. <i>Journal of Neuroscience</i> , 2018, 38, 5267-5276.	1.7	95

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55	Hippocampal-targeted Theta-burst Stimulation Enhances Associative Memory Formation. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1452-1472.	1.1	98
56	The Human Thalamus Is an Integrative Hub for Functional Brain Networks. <i>Journal of Neuroscience</i> , 2017, 37, 5594-5607.	1.7	458
57	Cholinergic, But Not Dopaminergic or Noradrenergic, Enhancement Sharpens Visual Spatial Perception in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 4405-4415.	1.7	50
58	Brain Changes Following Executive Control Training in Older Adults. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 910-922.	1.4	15
59	Short-Term and Working Memory $\hat{\tau}$. , 2017, , 263-274.		0
60	Serial dependence is absent at the time of perception but increases in visual working memory. <i>Scientific Reports</i> , 2017, 7, 14739.	1.6	152
61	Brain Network Modularity Predicts Exercise-Related Executive Function Gains in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 426.	1.7	83
62	Synaptic augmentation in a cortical circuit model reproduces serial dependence in visual working memory. <i>PLoS ONE</i> , 2017, 12, e0188927.	1.1	23
63	Causal evidence for lateral prefrontal cortex dynamics supporting cognitive control. <i>ELife</i> , 2017, 6, .	2.8	53
64	The effects of content-dependent competition on working memory capacity limits. <i>Journal of Vision</i> , 2017, 17, 109.	0.1	0
65	Context transitions modulate perceptual serial dependence. <i>Journal of Vision</i> , 2017, 17, 92.	0.1	5
66	Neural mechanisms of precision in visual working memory for faces. <i>Journal of Vision</i> , 2017, 17, 345.	0.1	0
67	Distinct Brain and Behavioral Benefits from Cognitive vs. Physical Training: A Randomized Trial in Aging Adults. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 338.	1.0	69
68	The Segregation and Integration of Distinct Brain Networks and Their Relationship to Cognition. <i>Journal of Neuroscience</i> , 2016, 36, 12083-12094.	1.7	596
69	Modulation of impulsivity and reward sensitivity in intertemporal choice by striatal and midbrain dopamine synthesis in healthy adults. <i>Journal of Neurophysiology</i> , 2016, 115, 1146-1156.	0.9	40
70	Reconfiguration of brain network architecture to support executive control in aging. <i>Neurobiology of Aging</i> , 2016, 44, 42-52.	1.5	65
71	Causal evidence for frontal cortex organization for perceptual decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6059-6064.	3.3	145
72	Effects of Medial Orbitofrontal Cortex Lesions on Self-Control in Intertemporal Choice. <i>Current Biology</i> , 2016, 26, 2625-2628.	1.8	53

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73	The Representational Basis of Working Memory. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 37, 213-230.	0.8	42
74	Modular Brain Network Organization Predicts Response to Cognitive Training in Older Adults. <i>PLoS ONE</i> , 2016, 11, e0169015.	1.1	89
75	The hierarchical organization of the lateral prefrontal cortex. <i>ELife</i> , 2016, 5, .	2.8	155
76	Dissociable Roles of Dorsolateral Prefrontal Cortex and Frontal Eye Fields During Saccadic Eye Movements. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 613.	1.0	26
77	The Effect of Disruption of Prefrontal Cortical Function with Transcranial Magnetic Stimulation on Visual Working Memory. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 169.	1.2	22
78	Influence of Motivation on Control Hierarchy in the Human Frontal Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 3207-3217.	1.7	67
79	Genotype status of the dopamine-related catechol-O-methyltransferase (COMT) gene corresponds with desirability of "unhealthy" foods. <i>Appetite</i> , 2015, 92, 74-80.	1.8	14
80	Oscillatory dynamics coordinating human frontal networks in support of goal maintenance. <i>Nature Neuroscience</i> , 2015, 18, 1318-1324.	7.1	173
81	Ongoing dynamics in large-scale functional connectivity predict perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8463-8468.	3.3	229
82	Vascular risk factors, cerebrovascular reactivity, and the default-mode brain network. <i>NeuroImage</i> , 2015, 115, 7-16.	2.1	67
83	Dopaminergic modulation of distracter-resistance and prefrontal delay period signal. <i>Psychopharmacology</i> , 2015, 232, 1061-1070.	1.5	33
84	Functional brain network modularity predicts response to cognitive training after brain injury. <i>Neurology</i> , 2015, 84, 1568-1574.	1.5	127
85	Confidence Leak in Perceptual Decision Making. <i>Psychological Science</i> , 2015, 26, 1664-1680.	1.8	119
86	The modular and integrative functional architecture of the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6798-807.	3.3	474
87	Functional Characterization of the Cingulo-Opercular Network in the Maintenance of Tonic Alertness. <i>Cerebral Cortex</i> , 2015, 25, 2763-2773.	1.6	279
88	The effect of rehearsal rate and memory load on verbal working memory. <i>NeuroImage</i> , 2015, 105, 120-131.	2.1	43
89	The Rostro-Caudal Axis of Frontal Cortex Is Sensitive to the Domain of Stimulus Information. <i>Cerebral Cortex</i> , 2015, 25, 1815-1826.	1.6	52
90	The Cognitive Neuroscience of Working Memory. <i>Annual Review of Psychology</i> , 2015, 66, 115-142.	9.9	1,025

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91	Levodopa administration modulates striatal processing of punishment-associated items in healthy participants. <i>Psychopharmacology</i> , 2015, 232, 135-144.	1.5	17
92	An Approach for Identifying Brainstem Dopaminergic Pathways Using Resting State Functional MRI. <i>PLoS ONE</i> , 2014, 9, e87109.	1.1	11
93	Dorsal Striatal Dopamine, Food Preference and Health Perception in Humans. <i>PLoS ONE</i> , 2014, 9, e96319.	1.1	19
94	Perfusion MRI Indexes Variability in the Functional Brain Effects of Theta-Burst Transcranial Magnetic Stimulation. <i>PLoS ONE</i> , 2014, 9, e101430.	1.1	20
95	Quantifying the Reconfiguration of Intrinsic Networks during Working Memory. <i>PLoS ONE</i> , 2014, 9, e106636.	1.1	55
96	Assessment of Subcomponents of Executive Functioning in Ecologically Valid Settings. <i>Journal of Head Trauma Rehabilitation</i> , 2014, 29, 136-146.	1.0	11
97	Correspondence Between Stimulus Encoding- and Maintenance-Related Neural Processes Underlies Successful Working Memory. <i>Cerebral Cortex</i> , 2014, 24, 593-599.	1.6	28
98	Evidence for working memory storage operations in perceptual cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 117-128.	1.0	17
99	Distributed and Dynamic Storage of Working Memory Stimulus Information in Extrastriate Cortex. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1141-1153.	1.1	113
100	Revisiting the role of persistent neural activity during working memory. <i>Trends in Cognitive Sciences</i> , 2014, 18, 82-89.	4.0	385
101	Dopamine and the Cognitive Downside of a Promised Bonus. <i>Psychological Science</i> , 2014, 25, 1003-1009.	1.8	55
102	The effects of lateral prefrontal transcranial magnetic stimulation on item memory encoding. <i>Neuropsychologia</i> , 2014, 53, 197-202.	0.7	43
103	Modulation of working memory function by motivation through loss aversion. <i>Human Brain Mapping</i> , 2013, 34, 762-774.	1.9	42
104	Impaired Prefrontal-Basal Ganglia Functional Connectivity and Substantia Nigra Hyperactivity in Schizophrenia. <i>Biological Psychiatry</i> , 2013, 74, 122-129.	0.7	120
105	Lateral Prefrontal Cortex is Organized into Parallel Dorsal and Ventral Streams Along the Rostro-Caudal Axis. <i>Cerebral Cortex</i> , 2013, 23, 2457-2466.	1.6	40
106	The salience network causally influences default mode network activity during moral reasoning. <i>Brain</i> , 2013, 136, 1929-1941.	3.7	180
107	Dissociable fronto-striatal effects of dopamine D2 receptor stimulation on cognitive versus motor flexibility. <i>Cortex</i> , 2013, 49, 2799-2811.	1.1	47
108	Attention Selectively Modifies the Representation of Individual Faces in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 6979-6989.	1.7	28

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109	Abstract Rule Learning: The Differential Effects of Lesions in Frontal Cortex. <i>Cerebral Cortex</i> , 2013, 23, 230-240.	1.6	20
110	Working Memory. , 2013, , .		0
111	The Positional-Specificity Effect Reveals a Passive-Trace Contribution to Visual Short-Term Memory. <i>PLoS ONE</i> , 2013, 8, e83483.	1.1	8
112	Learning language with the wrong neural scaffolding: the cost of neural commitment to sounds. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 85.	1.2	18
113	The effect of theta-burst TMS on cognitive control networks measured with resting state fMRI. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 124.	1.2	105
114	The Dynamic Nature of Top-Down Signals Originating from Prefrontal Cortex: A Combined fMRI&TMS Study. <i>Journal of Neuroscience</i> , 2012, 32, 15458-15466.	1.7	148
115	Alpha-Band Phase Synchrony Is Related to Activity in the Fronto-Parietal Adaptive Control Network. <i>Journal of Neuroscience</i> , 2012, 32, 14305-14310.	1.7	229
116	Focal Brain Lesions to Critical Locations Cause Widespread Disruption of the Modular Organization of the Brain. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1275-1285.	1.1	318
117	Modulation of Inhibition of Return by the Dopamine D2 Receptor Agonist Bromocriptine Depends on Individual DAT1 Genotype. <i>Cerebral Cortex</i> , 2012, 22, 1133-1138.	1.6	10
118	The continuing challenge of understanding and modeling hemodynamic variation in fMRI. <i>NeuroImage</i> , 2012, 62, 1017-1023.	2.1	159
119	The Impact of Social Disparity on Prefrontal Function in Childhood. <i>PLoS ONE</i> , 2012, 7, e35744.	1.1	168
120	Spatial and temporal dynamics of cortical networks engaged in memory encoding and retrieval. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 109.	1.0	18
121	Goal-directed attention alters the tuning of object-based representations in extrastriate cortex. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 187.	1.0	23
122	Inverted-U&Shaped Dopamine Actions on Human Working Memory and Cognitive Control. <i>Biological Psychiatry</i> , 2011, 69, e113-e125.	0.7	1,315
123	The Dopamine Agonist Bromocriptine Differentially Affects Fronto-Striatal Functional Connectivity During Working Memory. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 32.	1.0	43
124	Recency Effects in the Inferior Parietal Lobe during Verbal Recognition Memory. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 59.	1.0	20
125	Rehabilitation of Executive Functioning With Training in Attention Regulation Applied to Individually Defined Goals. <i>Journal of Head Trauma Rehabilitation</i> , 2011, 26, 325-338.	1.0	107
126	Interaction Between Family History of Alcoholism and Locus of Control in the Opioid Regulation of Impulsive Responding Under the Influence of Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 1905-1914.	1.4	24

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127	Functional connectivity during top-down modulation of visual short-term memory representations. <i>Neuropsychologia</i> , 2011, 49, 1589-1596.	0.7	56
128	Conduction aphasia, sensory-motor integration, and phonological short-term memory – An aggregate analysis of lesion and fMRI data. <i>Brain and Language</i> , 2011, 119, 119-128.	0.8	261
129	Can Age-Associated Memory Decline Be Treated?. <i>New England Journal of Medicine</i> , 2011, 365, 1346-1347.	13.9	5
130	Training of goal-directed attention regulation enhances control over neural processing for individuals with brain injury. <i>Brain</i> , 2011, 134, 1541-1554.	3.7	94
131	Estrogen Shapes Dopamine-Dependent Cognitive Processes: Implications for Women's Health. <i>Journal of Neuroscience</i> , 2011, 31, 5286-5293.	1.7	304
132	A Functional Role for the Motor System in Language Understanding. <i>Psychological Science</i> , 2011, 22, 849-854.	1.8	133
133	The Prefrontal Cortex Modulates Category Selectivity in Human Extrastriate Cortex. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1-10.	1.1	101
134	Neural activity during social signal perception correlates with self-reported empathy. <i>Brain Research</i> , 2010, 1308, 100-113.	1.1	159
135	The Functional Anatomy of a Perceptual Decision in the Human Brain. <i>Journal of Neurophysiology</i> , 2010, 103, 1179-1194.	0.9	109
136	Neural Representations of Relevant and Irrelevant Features in Perceptual Decision Making. <i>Journal of Neuroscience</i> , 2010, 30, 15778-15789.	1.7	56
137	Longitudinal Evidence for Functional Specialization of the Neural Circuit Supporting Working Memory in the Human Brain. <i>Journal of Neuroscience</i> , 2010, 30, 11062-11067.	1.7	117
138	Double dissociation of two cognitive control networks in patients with focal brain lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12017-12022.	3.3	169
139	Stimulant Medication and Prefrontal Functional Connectivity During Working Memory in ADHD. <i>Journal of Attention Disorders</i> , 2010, 14, 69-78.	1.5	34
140	Frontal Cortex and the Discovery of Abstract Action Rules. <i>Neuron</i> , 2010, 66, 315-326.	3.8	272
141	Traumatic Brain Injury: From Bench to Bedside to Society. <i>Neuron</i> , 2010, 66, 11-14.	3.8	57
142	Top-down flow of visual spatial attention signals from parietal to occipital cortex. <i>Journal of Vision</i> , 2009, 9, 18-18.	0.1	126
143	Network changes in the transition from initial learning to well-practiced visual categorization. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 44.	1.0	11
144	Striatal Dopamine Predicts Outcome-Specific Reversal Learning and Its Sensitivity to Dopaminergic Drug Administration. <i>Journal of Neuroscience</i> , 2009, 29, 1538-1543.	1.7	315

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145	Repetition Suppression and Reactivation in Auditory Verbal Short-Term Recognition Memory. <i>Cerebral Cortex</i> , 2009, 19, 1474-1485.	1.6	57
146	The effect of non-visual working memory load on top-down modulation of visual processing. <i>Neuropsychologia</i> , 2009, 47, 1637-1646.	0.7	85
147	Now or Later? An fMRI study of the effects of endogenous opioid blockade on a decision-making network. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 291-299.	1.3	70
148	A comparison of Granger causality and coherency in fMRI-based analysis of the motor system. <i>Human Brain Mapping</i> , 2009, 30, 3475-3494.	1.9	40
149	Hierarchical cognitive control deficits following damage to the human frontal lobe. <i>Nature Neuroscience</i> , 2009, 12, 515-522.	7.1	217
150	Is the rostro-caudal axis of the frontal lobe hierarchical?. <i>Nature Reviews Neuroscience</i> , 2009, 10, 659-669.	4.9	773
151	Advances in neuroimaging of traumatic brain injury and posttraumatic stress disorder. <i>Journal of Rehabilitation Research and Development</i> , 2009, 46, 717.	1.6	80
152	Spatio-temporal dynamics of neural mechanisms underlying component operations in working memory. <i>Brain Research</i> , 2008, 1206, 61-75.	1.1	18
153	Prefrontal contributions to domain-general executive control processes during temporal context retrieval. <i>Neuropsychologia</i> , 2008, 46, 1088-1103.	0.7	55
154	The influence of personality on neural mechanisms of observational fear and reward learning. <i>Neuropsychologia</i> , 2008, 46, 2709-2724.	0.7	102
155	Functional connectivity of the hippocampus in elderly with mild memory dysfunction carrying the APOE ϵ 4 allele. <i>Neurobiology of Aging</i> , 2008, 29, 1644-1653.	1.5	23
156	Cholinergic Enhancement Reduces Spatial Spread of Visual Responses in Human Early Visual Cortex. <i>Neuron</i> , 2008, 60, 904-914.	3.8	88
157	The Search for the Phonological Store: From Loop to Convolution. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 762-778.	1.1	322
158	Prefrontal and parietal contributions to refreshing: An rTMS study. <i>NeuroImage</i> , 2008, 39, 436-440.	2.1	16
159	Functional MRI investigation of verbal selection mechanisms in lateral prefrontal cortex. <i>NeuroImage</i> , 2008, 43, 801-807.	2.1	78
160	Mentalizing about emotion and its relationship to empathy. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 204-217.	1.5	197
161	Group comparisons: imaging the aging brain. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 290-297.	1.5	87
162	Age-related top-down suppression deficit in the early stages of cortical visual memory processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13122-13126.	3.3	382

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163	Dynamic Adjustments in Prefrontal, Hippocampal, and Inferior Temporal Interactions with Increasing Visual Working Memory Load. <i>Cerebral Cortex</i> , 2008, 18, 1618-1629.	1.6	121
164	Working Memory Capacity Predicts Dopamine Synthesis Capacity in the Human Striatum. <i>Journal of Neuroscience</i> , 2008, 28, 1208-1212.	1.7	264
165	Chapter 11 Working memory. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 88, 237-247.	1.0	16
166	Impulsive Personality Predicts Dopamine-Dependent Changes in Frontostriatal Activity during Component Processes of Working Memory. <i>Journal of Neuroscience</i> , 2007, 27, 5506-5514.	1.7	239
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