

Mice Deficient in Cellular Glutathione Peroxidase Show Malonate, 3-Nitropropionic Acid, and 1-Methyl-4-Pheny

Journal of Neuroscience

20, 1-7

DOI: [10.1523/jneurosci.20-01-00001.2000](https://doi.org/10.1523/jneurosci.20-01-00001.2000)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Parkinsonian Models: Invertebrates to Mammals. <i>The Japanese Journal of Pharmacology</i> , 2000, 84, 237-243.	1.2	45
2	A Novel Mechanism of Alcohol Action. <i>Journal of the Brewing Society of Japan</i> , 2000, 95, 740-744.	0.1	0
3	Limited-time exposure to mitochondrial toxins may lead to chronic progressive neurodegenerative diseases. <i>Movement Disorders</i> , 2000, 15, 434-435.	2.2	5
4	Cell-specific changes in expression of mRNAs encoding splice variants of Aplysia cell adhesion molecule accompany long-term synaptic plasticity. <i>Journal of Neurobiology</i> , 2000, 45, 152-161.	3.7	21
5	Simultaneous movements of upper and lower limbs are coordinated by motor representations that are shared by both limbs: a PET study. <i>European Journal of Neuroscience</i> , 2000, 12, 3385-3398.	1.2	89
6	The psychology and neurobiology of addiction: an incentive-sensitization view. <i>Addiction</i> , 2000, 95, 91-117.	1.7	461
7	Glutathione, oxidative stress and neurodegeneration. <i>FEBS Journal</i> , 2000, 267, 4904-4911.	0.2	1,017
8	Heartfelt crosstalk: desensitization of the GIRK current. <i>Nature Cell Biology</i> , 2000, 2, E165-E167.	4.6	18
9	cAMP takes control. <i>Nature Cell Biology</i> , 2000, 2, E167-E168.	4.6	17
10	Multilevel regulation of the circadian clock. <i>Nature Reviews Molecular Cell Biology</i> , 2000, 1, 59-67.	16.1	192
11	Topographical projection from the superior colliculus to the nucleus of the brachium of the inferior colliculus in the ferret: convergence of visual and auditory information. <i>European Journal of Neuroscience</i> , 2000, 12, 4290-4308.	1.2	28
12	Hemispheric asymmetries: A brain in two minds. <i>Current Biology</i> , 2000, 10, R460-R462.	1.8	3
13	Calretinin expression in the chick cochlear nucleus after deafferentation. <i>Brain Research</i> , 2000, 873, 135-139.	1.1	14
14	Nitric oxide, impulse activity, and neurotrophins in visual system development ¹ Published on the World Wide Web on 16 August 2000.. <i>Brain Research</i> , 2000, 886, 15-32.	1.1	42
15	Signaling by reactive oxygen species in the nervous system. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 1287-1305.	2.4	163
16	Targeted Mutation of the Gene for Cellular Glutathione Peroxidase (Gpx1) Increases Noise-Induced Hearing Loss in Mice. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2000, 1, 243-254.	0.9	201
17	Rapid Dendritic Remodeling in the Developing Retina: Dependence on Neurotransmission and Reciprocal Regulation by Rac and Rho. <i>Journal of Neuroscience</i> , 2000, 20, 5024-5036.	1.7	226
18	The Amygdala Modulates Memory Consolidation of Fear-Motivated Inhibitory Avoidance Learning But Not Classical Fear Conditioning. <i>Journal of Neuroscience</i> , 2000, 20, 7059-7066.	1.7	249

#	ARTICLE	IF	CITATIONS
19	Selective Regulation of N-Type Ca Channels by Different Combinations of G-Protein β_2/β_3 Subunits and RGS Proteins. <i>Journal of Neuroscience</i> , 2000, 20, 7143-7148.	1.7	62
20	Two-Photon Microscopy of Single Molecules. <i>Microscopy and Microanalysis</i> , 2000, 6, 804-805.	0.2	0
21	Rapid Kinetics of Regulator of G-protein Signaling (RGS)-mediated G_{i1} and G_{i0} Deactivation. <i>Journal of Biological Chemistry</i> , 2000, 275, 33497-33503.	1.6	83
22	Studies of Neuromodulation of Oscillatory Systems in Aplysia, by Means of Genetic Algorithms. <i>Adaptive Behavior</i> , 2000, 8, 267-296.	1.1	4
23	Regulation of Exocytosis by Protein Kinases and Ca^{2+} in Pancreatic Duct Epithelial Cells. <i>Journal of General Physiology</i> , 2000, 116, 507-520.	0.9	40
24	Identification of a Juxtamembrane Segment of the Glutamate Receptor β_2 Subunit Required for the Plasma Membrane Localization. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 565-571.	1.0	25
25	Oxidative Stress and Genetics in the Pathogenesis of Parkinson's Disease. <i>Neurobiology of Disease</i> , 2000, 7, 240-250.	2.1	397
26	Changes in astrocytic basic fibroblast growth factor expression during and after prolonged exposure to escalating doses of amphetamine. <i>Neuroscience</i> , 2000, 98, 287-293.	1.1	42
27	A stereological approach to human cortical architecture: identification and delineation of cortical areas. <i>Journal of Chemical Neuroanatomy</i> , 2000, 20, 31-47.	1.0	123
28	False memories and the source monitoring framework. <i>Learning and Individual Differences</i> , 2000, 12, 145-161.	1.5	62
29	Plasticity of cardiorespiratory neural processing: classification and computational functions. <i>Respiration Physiology</i> , 2000, 122, 83-109.	2.8	55
30	Genetic and developmental models for the neural control of breathing in vertebrates. <i>Respiration Physiology</i> , 2000, 122, 247-257.	2.8	22
31	Pathophysiology of Parkinson's disease. <i>International Review of Psychiatry</i> , 2000, 12, 270-280.	1.4	14
32	Protein Synthesis at Synaptic Sites on Dendrites. <i>Annual Review of Neuroscience</i> , 2001, 24, 299-325.	5.0	653
33	Beyond Chemoreflex: Plasticity, Redundancy and Self-organization in Respiratory Control. <i>Advances in Experimental Medicine and Biology</i> , 2001, 499, 267-272.	0.8	3
34	The magical number 4 in short-term memory: A reconsideration of mental storage capacity. <i>Behavioral and Brain Sciences</i> , 2001, 24, 87-114.	0.4	5,005
35	Differential Regulatory Mechanism of Ca^{2+} /Calmodulin-Dependent Protein Kinase Kinase Isoforms. <i>Biochemistry</i> , 2001, 40, 13925-13932.	1.2	71
36	Activity-dependent CREB phosphorylation: Convergence of a fast, sensitive calmodulin kinase pathway and a slow, less sensitive mitogen-activated protein kinase pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2808-2813.	3.3	425

#	ARTICLE	IF	CITATIONS
37	Role of Free Radicals in the Neurodegenerative Diseases. <i>Drugs and Aging</i> , 2001, 18, 685-716.	1.3	1,259
38	Abnormal executive function in attention deficit hyperactivity disorder: the effect of stimulant medication and age on spatial working memory. <i>Psychological Medicine</i> , 2001, 31, 1107-1115.	2.7	151
39	Mitochondrial Electron Transport Inhibitors Cause Lipid Peroxidation-Dependent and -Independent Cell Death: Protective Role of Antioxidants. <i>Archives of Biochemistry and Biophysics</i> , 2001, 393, 87-96.	1.4	70
40	Peroxynitrite-Induced Tyrosine Nitration and Inhibition of Protein Kinase C. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 764-770.	1.0	54
41	Nerve-Independence of Limb Regeneration in Larval <i>Xenopus laevis</i> Is Correlated to the Level of fgf-2 mRNA Expression in Limb Tissues. <i>Developmental Biology</i> , 2001, 231, 436-446.	0.9	37
42	Engraftment of Serotonergic Precursors Enhances Locomotor Function and Attenuates Chronic Central Pain Behavior Following Spinal Hemisection Injury in the Rat. <i>Experimental Neurology</i> , 2001, 171, 361-378.	2.0	74
43	Sex-Related Difference in Amygdala Activity during Emotionally Influenced Memory Storage. <i>Neurobiology of Learning and Memory</i> , 2001, 75, 1-9.	1.0	375
44	Mitochondrial Toxin 3-Nitropropionic Acid Induces Cardiac and Neurotoxicity Differentially in Mice. <i>American Journal of Pathology</i> , 2001, 159, 1507-1520.	1.9	46
45	Inflammatory Mediators Potentiate ATP-gated Channels through the P2X3 Subunit. <i>Journal of Biological Chemistry</i> , 2001, 276, 21077-21082.	1.6	124
46	Cyto-, Myelo-, and Receptor Architectonics of the Human Parietal Cortex. <i>NeuroImage</i> , 2001, 14, S8-S20.	2.1	123
47	Molecular and biochemical mechanisms of perinatal brain injury. <i>Seminars in Fetal and Neonatal Medicine</i> , 2001, 6, 99-108.	2.8	105
48	A Hebbian feedback covariance learning paradigm for self-tuning optimal control. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2001, 31, 173-186.	5.5	14
49	Endogenous opiates: 2000. <i>Peptides</i> , 2001, 22, 2257-2328.	1.2	71
50	Spinal cord glia: new players in pain. <i>Pain</i> , 2001, 93, 201-205.	2.0	319
51	Regional differences in the expression of corticostriatal synaptic plasticity. <i>Neuroscience</i> , 2001, 106, 95-101.	1.1	40
52	Depletion of substance P from rat primary sensory neurons by ATP, an implication of P2X receptor-mediated release of substance P. <i>Neuroscience</i> , 2001, 107, 293-300.	1.1	40
53	Integrated brain activity in medial temporal and prefrontal areas predicts subsequent memory performance: human declarative memory formation at the system level. <i>Brain Research Bulletin</i> , 2001, 55, 1-9.	1.4	84
54	Early bilateral deafening prevents calretinin up-regulation in the dorsal cortex of the inferior colliculus of aged CBA/Caj mice. <i>Hearing Research</i> , 2001, 158, 131-138.	0.9	44

#	ARTICLE	IF	CITATIONS
55	Nicotine attenuates DOI-induced head-twitch response in mice: implications for tourette syndrome. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2001, 25, 1445-1457.	2.5	29
56	Molecular pathways involved in the neurotoxicity of 6-OHDA, dopamine and MPTP: contribution to the apoptotic theory in Parkinson's disease. <i>Progress in Neurobiology</i> , 2001, 65, 135-172.	2.8	1,056
57	P2X receptors in peripheral neurons. <i>Progress in Neurobiology</i> , 2001, 65, 107-134.	2.8	349
58	Feeling vibrations: enhanced tactile sensitivity in congenitally deaf humans. <i>Neuroscience Letters</i> , 2001, 301, 75-77.	1.0	171
59	The influence of different sub-type delta opioid receptors in nerve growth factor-induced neuronal differentiation in rat pheochromocytoma PC12 cell. <i>Neuroscience Letters</i> , 2001, 314, 29-32.	1.0	6
60	Molecular and cellular permeability control at the blood-brain barrier. <i>Brain Research Reviews</i> , 2001, 36, 258-264.	9.1	218
61	Human Primary Auditory Cortex: Cytoarchitectonic Subdivisions and Mapping into a Spatial Reference System. <i>NeuroImage</i> , 2001, 13, 684-701.	2.1	708
62	Molecular physiology of proton transduction in nociceptors. <i>Current Opinion in Pharmacology</i> , 2001, 1, 45-51.	1.7	151
63	Tactile Shape Processing. <i>Neuron</i> , 2001, 31, 173-174.	3.8	11
64	ERP time course of perceptual and post-perceptual mechanisms of spatial selection. <i>Cognitive Brain Research</i> , 2001, 11, 59-75.	3.3	50
65	Visual contrast sensitivity in deaf versus hearing populations: exploring the perceptual consequences of auditory deprivation and experience with a visual language. <i>Cognitive Brain Research</i> , 2001, 11, 171-183.	3.3	89
66	The shape of ears to come: dynamic coding of auditory space. <i>Trends in Cognitive Sciences</i> , 2001, 5, 261-270.	4.0	89
67	Cognitive and neural mechanisms of emotional memory. <i>Trends in Cognitive Sciences</i> , 2001, 5, 394-400.	4.0	762
68	Genetics, control of breathing, and sleep-disordered breathing: a review. <i>Sleep Medicine</i> , 2001, 2, 281-295.	0.8	33
69	Environmental enrichment: Effects on spatial memory and hippocampal CREB immunoreactivity. <i>Physiology and Behavior</i> , 2001, 73, 649-658.	1.0	166
70	Integration of local features into a global shape. <i>Vision Research</i> , 2001, 41, 1785-1790.	0.7	28
71	An Important Role of Neural Activity-Dependent CaMKIV Signaling in the Consolidation of Long-Term Memory. <i>Cell</i> , 2001, 106, 771-783.	13.5	253
72	Tyrosine nitration: Localisation, quantification, consequences for protein function and signal transduction. <i>Free Radical Research</i> , 2001, 34, 541-581.	1.5	473

#	ARTICLE	IF	CITATIONS
73	Methylphenidate Selectively Improves Story Retelling in Children with Attention Deficit Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2001, 11, 217-228.	0.7	36
74	A Four-Dimensional Probabilistic Atlas of the Human Brain. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2001, 8, 401-430.	2.2	313
75	A probabilistic atlas and reference system for the human brain: International Consortium for Brain Mapping (ICBM). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 1293-1322.	1.8	1,959
76	The dangers of taking capacity limits too literally. <i>Behavioral and Brain Sciences</i> , 2001, 24, 114-115.	0.4	174
77	The search for fixed generalizable limits of "pure STM" capacity: Problems with theoretical proposals based on independent chunks. <i>Behavioral and Brain Sciences</i> , 2001, 24, 120-121.	0.4	7
78	The magic number four: Can it explain Sternberg's serial memory scan data?. <i>Behavioral and Brain Sciences</i> , 2001, 24, 126-127.	0.4	6
79	Partial matching theory and the memory span. <i>Behavioral and Brain Sciences</i> , 2001, 24, 133-134.	0.4	37
80	Dispelling the magic: Towards memory without capacity. <i>Behavioral and Brain Sciences</i> , 2001, 24, 147-148.	0.4	4
81	Where the magic breaks down: Boundaries and the "focus-of-attention" in schizophrenia. <i>Behavioral and Brain Sciences</i> , 2001, 24, 135-136.	0.4	0
82	Linguistic structure and short term memory. <i>Behavioral and Brain Sciences</i> , 2001, 24, 138-139.	0.4	8
83	Dual oscillations as the physiological basis for capacity limits. <i>Behavioral and Brain Sciences</i> , 2001, 24, 126-126.	0.4	7
84	"Magical number 5" in a chimpanzee. <i>Behavioral and Brain Sciences</i> , 2001, 24, 127-128.	0.4	6
85	Magical attention. <i>Behavioral and Brain Sciences</i> , 2001, 24, 131-131.	0.4	2
86	Long-term memory span. <i>Behavioral and Brain Sciences</i> , 2001, 24, 134-135.	0.4	17
87	Attention is not unitary. <i>Behavioral and Brain Sciences</i> , 2001, 24, 153-154.	0.4	6
88	There is no four-object limit on attention. <i>Behavioral and Brain Sciences</i> , 2001, 24, 119-120.	0.4	5
89	The magical number 4 = 7: Span theory on capacity limitations. <i>Behavioral and Brain Sciences</i> , 2001, 24, 116-117.	0.4	11
90	Capacity limits in continuous old-new recognition and in short-term implicit memory. <i>Behavioral and Brain Sciences</i> , 2001, 24, 130-131.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Invited Review: Intermittent hypoxia and respiratory plasticity. <i>Journal of Applied Physiology</i> , 2001, 90, 2466-2475.	1.2	343
92	Ca ²⁺ Levels Are Regulated by Receptor Usage and Control Dopamine and Adenosine Action in the Striatum. <i>Journal of Neuroscience</i> , 2001, 21, 4390-4399.	1.7	156
93	Statistical Model Relating CA3 Burst Probability to Recovery From Burst-Induced Depression at Recurrent Collateral Synapses. <i>Journal of Neurophysiology</i> , 2001, 86, 2736-2747.	0.9	43
94	Rab3A Is Required for Brain-Derived Neurotrophic Factor-Induced Synaptic Plasticity: Transcriptional Analysis at the Population and Single-Cell Levels. <i>Journal of Neuroscience</i> , 2001, 21, 6782-6790.	1.7	65
95	The Pyramidal Cell in Cognition: A Comparative Study in Human and Monkey. <i>Journal of Neuroscience</i> , 2001, 21, RC163-RC163.	1.7	286
96	Cerebellar Long-Term Depression: Characterization, Signal Transduction, and Functional Roles. <i>Physiological Reviews</i> , 2001, 81, 1143-1195.	13.1	768
97	Impact of Early Deafness and Early Exposure to Sign Language on the Cerebral Organization for Motion Processing. <i>Journal of Neuroscience</i> , 2001, 21, 8931-8942.	1.7	285
98	Synchronous Oscillatory Activity in Immature Cortical Network Is Driven by GABAergic Preplate Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 8895-8905.	1.7	101
99	Altered Responsiveness to Cocaine and Increased Immobility in the Forced Swim Test Associated with Elevated cAMP Response Element-Binding Protein Expression in Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2001, 21, 7397-7403.	1.7	466
100	Functional neuroimaging of short-term memory: The neural mechanisms of mental storage. <i>Behavioral and Brain Sciences</i> , 2001, 24, 143-144.	0.4	9
101	A biocognitive approach to the conscious core of immediate memory. <i>Behavioral and Brain Sciences</i> , 2001, 24, 115-116.	0.4	19
102	Processing capacity limits are not explained by storage limits. <i>Behavioral and Brain Sciences</i> , 2001, 24, 123-124.	0.4	8
103	Working memory capacity and the hemispheric organization of the brain. <i>Behavioral and Brain Sciences</i> , 2001, 24, 121-122.	0.4	2
104	Pure short-term memory capacity has implications for understanding individual differences in math skills. <i>Behavioral and Brain Sciences</i> , 2001, 24, 124-125.	0.4	2
105	The magic number and the episodic buffer. <i>Behavioral and Brain Sciences</i> , 2001, 24, 117-118.	0.4	59
106	The nature of forgetting from short-term memory. <i>Behavioral and Brain Sciences</i> , 2001, 24, 134-134.	0.4	8
107	The size and nature of a chunk. <i>Behavioral and Brain Sciences</i> , 2001, 24, 118-118.	0.4	3
108	Which brain mechanism cannot count beyond four?. <i>Behavioral and Brain Sciences</i> , 2001, 24, 142-143.	0.4	0

#	ARTICLE	IF	CITATIONS
109	Memory limits: "Give us an answer!" Behavioral and Brain Sciences, 2001, 24, 150-151.	0.4	1
110	A temporal account of the limited processing capacity. Behavioral and Brain Sciences, 2001, 24, 122-123.	0.4	11
111	How to interface cognitive psychology with cognitive neuroscience?. Behavioral and Brain Sciences, 2001, 24, 148-149.	0.4	0
112	How unitary is the capacity-limited attentional focus?. Behavioral and Brain Sciences, 2001, 24, 146-147.	0.4	1
113	Characterizing chunks in visual short-term memory: Not more than one feature per dimension?. Behavioral and Brain Sciences, 2001, 24, 144-145.	0.4	9
114	Four-sight in hindsight: The existence of magical numbers in vision. Behavioral and Brain Sciences, 2001, 24, 141-142.	0.4	1
115	Models of Respiratory Rhythm Generation in the Pre-Bötzinger Complex. III. Experimental Tests of Model Predictions. Journal of Neurophysiology, 2001, 86, 59-74.	0.9	206
116	Metatheory of storage capacity limits. Behavioral and Brain Sciences, 2001, 24, 154-176.	0.4	163
117	What forms the chunks in a subject's performance? Lessons from the CHREST computational model of learning. Behavioral and Brain Sciences, 2001, 24, 128-129.	0.4	8
118	Studies of STM properties in animals may help us better understand the nature of our own storage limitations: The case of birdsong acquisition. Behavioral and Brain Sciences, 2001, 24, 149-150.	0.4	2
119	Nothing left in store . . . but how do we measure attentional capacity?. Behavioral and Brain Sciences, 2001, 24, 132-133.	0.4	2
120	A neurophysiological account of working memory limits: Between-item segregation and within-chunk integration. Behavioral and Brain Sciences, 2001, 24, 139-141.	0.4	31
121	Over the top: Are there exceptions to the basic capacity limit?. Behavioral and Brain Sciences, 2001, 24, 152-153.	0.4	10
122	If the magical number is 4, how does one account for operations within working memory?. Behavioral and Brain Sciences, 2001, 24, 136-138.	0.4	10
123	Neural Mechanisms of Motor Program Switching in <i>Aplysia</i> . Journal of Neuroscience, 2001, 21, 7349-7362.	1.7	159
124	The magical number 4 in vision. Behavioral and Brain Sciences, 2001, 24, 145-146.	0.4	11
125	Synaptic Depression Mediates Bistability in Neuronal Networks with Recurrent Inhibitory Connectivity. Journal of Neuroscience, 2001, 21, 9460-9470.	1.7	62
126	Potentiation of L-Type Calcium Channels Reveals Nonsynaptic Mechanisms that Correlate Spontaneous Activity in the Developing Mammalian Retina. Journal of Neuroscience, 2001, 21, 8514-8522.	1.7	61

#	ARTICLE	IF	CITATIONS
127	Lesions of the Basolateral Amygdala Complex Block Propofol-induced Amnesia for Inhibitory Avoidance Learning in Rats. <i>Anesthesiology</i> , 2001, 95, 708-715.	1.3	41
128	Developmental patterns of protein expression in photoreceptors implicate distinct environmental versus cell-intrinsic mechanisms. <i>Visual Neuroscience</i> , 2001, 18, 157-168.	0.5	26
129	Imaging Plasticity in Cochlear Implant Patients. <i>Audiology and Neuro-Otology</i> , 2001, 6, 381-393.	0.6	109
130	Effects of voluntary ethanol intake on the expression of Ca ²⁺ /calmodulin-dependent protein kinase IV and on CREB expression and phosphorylation in the rat nucleus accumbens. <i>NeuroReport</i> , 2001, 12, 4133-4137.	0.6	32
131	Adult sex differences on a decision-making task previously shown to depend on the orbital prefrontal cortex.. <i>Behavioral Neuroscience</i> , 2001, 115, 196-206.	0.6	181
132	Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes. <i>Biochemical Journal</i> , 2001, 359, 687.	1.7	16
133	Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes. <i>Biochemical Journal</i> , 2001, 359, 687-695.	1.7	26
134	Chapter 3 BDNF/trkB signaling in the developmental sculpting of visual connections. <i>Progress in Brain Research</i> , 2001, 134, 35-49.	0.9	30
135	Methylphenidate Improves HIV-1-Associated Cognitive Slowing. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 248-254.	0.9	58
137	Ionic mechanisms of GABA-induced long-term potentiation in the rat superior colliculus. <i>Experimental Brain Research</i> , 2001, 140, 486-494.	0.7	5
138	Contextual abnormalities of saccadic inhibition in children with attention deficit hyperactivity disorder. <i>Experimental Brain Research</i> , 2001, 141, 507-518.	0.7	32
139	G α olf is necessary for coupling D1 and A2a receptors to adenylyl cyclase in the striatum. <i>Journal of Neurochemistry</i> , 2001, 76, 1585-1588.	2.1	190
140	Hydrogen peroxide removal and glutathione mixed disulfide formation during metabolic inhibition in mesencephalic cultures. <i>Journal of Neurochemistry</i> , 2001, 77, 1496-1507.	2.1	28
141	Down-regulation of occludin expression in astrocytes by tumour necrosis factor (TNF) is mediated via TNF type-1 receptor and nuclear factor- κ B activation. <i>Journal of Neurochemistry</i> , 2001, 78, 155-162.	2.1	70
142	JNK3 contributes to c-Jun activation and apoptosis but not oxidative stress in nerve growth factor-deprived sympathetic neurons. <i>Journal of Neurochemistry</i> , 2001, 78, 298-303.	2.1	67
143	Increased infarct size and exacerbated apoptosis in the glutathione peroxidase-1 (Gpx-1) knockout mouse brain in response to ischemia/reperfusion injury. <i>Journal of Neurochemistry</i> , 2001, 78, 1389-1399.	2.1	187
144	BDNF mRNA expression in rat hippocampus and prefrontal cortex: effects of neonatal ventral hippocampal damage and antipsychotic drugs. <i>European Journal of Neuroscience</i> , 2001, 14, 135-144.	1.2	179
145	RGS9 proteins facilitate acute tolerance to mu-opioid effects. <i>European Journal of Neuroscience</i> , 2001, 13, 801-811.	1.2	80

#	ARTICLE	IF	CITATIONS
146	Effects of cannabinoids on prefrontal neuronal responses to ventral tegmental area stimulation. <i>European Journal of Neuroscience</i> , 2001, 14, 96-102.	1.2	78
147	δ^9 -tetrahydrocannabinol-induced MAPK/ERK and Elk-1 activation in vivo depends on dopaminergic transmission. <i>European Journal of Neuroscience</i> , 2001, 14, 342-352.	1.2	144
148	Brain-derived neurotrophic factor induces long-lasting potentiation of synaptic transmission in visual cortex in vivo in young rats, but not in the adult. <i>European Journal of Neuroscience</i> , 2001, 14, 1219-1228.	1.2	45
149	The ubiquitin-proteasome cascade is required for mammalian long-term memory formation. <i>European Journal of Neuroscience</i> , 2001, 14, 1820-1826.	1.2	203
150	Activity- and age-dependent GABAergic synaptic plasticity in the developing rat hippocampus. <i>European Journal of Neuroscience</i> , 2001, 14, 1937-1946.	1.2	57
151	Plasmalemmal δ^4 -opioid receptor distribution mainly in nondopaminergic neurons in the rat ventral tegmental area. <i>Synapse</i> , 2001, 41, 311-328.	0.6	94
152	Role of oxidative stress in the apoptotic cell death of cultured cerebellar granule neurons. <i>Journal of Neuroscience Research</i> , 2001, 64, 284-297.	1.3	73
153	Equal proportions of small and large DRG neurons express opioid receptor mRNAs. <i>Journal of Comparative Neurology</i> , 2001, 429, 590-600.	0.9	75
154	Central anatomy of individual rapidly adapting low-threshold mechanoreceptors innervating the hairy skin of newborn mice: Early maturation of hair follicle afferents. <i>Journal of Comparative Neurology</i> , 2001, 436, 304-323.	0.9	74
155	Identifying neurons in the PreBötzing complex that generate respiratory rhythm: Visualizing the ghost in the machine. <i>Journal of Comparative Neurology</i> , 2001, 434, 125-127.	0.9	16
156	Immunohistochemical distribution of delta opioid receptors in the rat central nervous system: Evidence for somatodendritic labeling and antigen-specific cellular compartmentalization. <i>Journal of Comparative Neurology</i> , 2001, 440, 65-84.	0.9	125
157	Development of the visual pathway is disrupted in mice with a targeted disruption of the calcium channel β_3 -subunit gene. <i>Journal of Comparative Neurology</i> , 2001, 440, 177-191.	0.9	31
158	Microglial cells protect cerebellar granule neurons from apoptosis: Evidence for reciprocal signaling. <i>Glia</i> , 2001, 36, 271-280.	2.5	78
159	Mitochondria and degenerative disorders. <i>American Journal of Medical Genetics Part A</i> , 2001, 106, 27-36.	2.4	244
160	Glutathione peroxidase-1 gene knockout on body antioxidant defense in mice. <i>BioFactors</i> , 2001, 14, 93-99.	2.6	49
161	Drug Dependence as a Disorder of Neural Plasticity: Focus on Dopamine and Glutamate. <i>Reviews in the Neurosciences</i> , 2001, 12, 141-58.	1.4	76
162	Tumor Necrosis Factor- α -converting Enzyme (ADAM17) Mediates the Cleavage and Shedding of Fractalkine (CX3CL1). <i>Journal of Biological Chemistry</i> , 2001, 276, 37993-38001.	1.6	551
163	Current source density analysis of CNV during temporal gap paradigm. <i>Brain Topography</i> , 2001, 13, 149-159.	0.8	42

#	ARTICLE	IF	CITATIONS
164	Signaling by the Respiratory Burst in Macrophages. <i>IUBMB Life</i> , 2001, 51, 365-371.	1.5	91
165	Safety assessment of \hat{I}^2 -nitropropionic acid: a monograph in support of an acceptable daily intake in humans. <i>Food Chemistry</i> , 2001, 75, 1-27.	4.2	35
166	Chronic 'jet lag' produces temporal lobe atrophy and spatial cognitive deficits. <i>Nature Neuroscience</i> , 2001, 4, 567-568.	7.1	291
167	The effects of pH on the interaction between capsaicin and the vanilloid receptor in rat dorsal root ganglia neurons. <i>British Journal of Pharmacology</i> , 2001, 132, 899-908.	2.7	45
168	Lesions of the human amygdala impair enhanced perception of emotionally salient events. <i>Nature</i> , 2001, 411, 305-309.	13.7	1,250
169	Cortical remodelling induced by activity of ventral tegmental dopamine neurons. <i>Nature</i> , 2001, 412, 79-83.	13.7	524
170	Dynamic predictions: Oscillations and synchrony in top-down processing. <i>Nature Reviews Neuroscience</i> , 2001, 2, 704-716.	4.9	3,053
171	Asymmetric cell division in the <i>Drosophila</i> nervous system. <i>Nature Reviews Neuroscience</i> , 2001, 2, 772-779.	4.9	126
172	Dopamine D ₂ like receptors selectively block N-type Ca ²⁺ channels to reduce GABA release onto rat striatal cholinergic interneurons. <i>Journal of Physiology</i> , 2001, 533, 479-492.	1.3	89
173	Hey presto! Electrophysiological characterisation of prestin, a motor protein from outer hair cells, transfected into kidney cells. <i>Journal of Physiology</i> , 2001, 531, 582-582.	1.3	1
174	KCNQ potassium channels: physiology, pathophysiology, and pharmacology. , 2001, 90, 1-19.		378
175	Dopamine receptor functions: lessons from knockout mice. , 2001, 91, 63-83.		71
176	G-protein-coupled receptor dimerization: modulation of receptor function. , 2001, 92, 71-87.		289
177	In vivo neutralization of endogenous brain fractalkine increases hippocampal TNF α and 8-isoprostane production induced by intracerebroventricular injection of LPS. <i>Journal of Neuroimmunology</i> , 2001, 115, 135-143.	1.1	85
178	Temperature-dependent activation of recombinant rat vanilloid VR1 receptors expressed in HEK293 cells by capsaicin and anandamide. <i>European Journal of Pharmacology</i> , 2001, 423, 121-125.	1.7	32
179	Two RGS proteins that inhibit G α o and G α q signaling in <i>C. elegans</i> neurons require a G β 5-like subunit for function. <i>Current Biology</i> , 2001, 11, 222-231.	1.8	86
180	Carnitine as a free radical scavenger in aging. <i>Experimental Gerontology</i> , 2001, 36, 1713-1726.	1.2	126
181	Development of Retinal Ganglion Cell Structure and Function. <i>Progress in Retinal and Eye Research</i> , 2001, 20, 139-174.	7.3	181

#	ARTICLE	IF	CITATIONS
182	Frequency switches in inhibitory networks with anesthetics. <i>Neurocomputing</i> , 2001, 38-40, 467-474.	3.5	3
183	Effects of auditory and visual deprivation on human brain development. <i>Clinical Neuroscience Research</i> , 2001, 1, 248-257.	0.8	8
184	Reciprocal electromechanical properties of rat prestin: The motor molecule from rat outer hair cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 4178-4183.	3.3	150
185	Oligomerization of opioid receptors with beta 2-adrenergic receptors: A role in trafficking and mitogen-activated protein kinase activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 343-348.	3.3	206
186	Signaling to the Mammalian Circadian Clocks: In Pursuit of the Primary Mammalian Circadian Photoreceptor. <i>Science Signaling</i> , 2001, 2001, re16-re16.	1.6	27
187	Secretases as therapeutic targets for the treatment of Alzheimer's disease. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2001, 8, 124-142.	1.4	30
188	PYRAMIDAL NEURONES IN MACAQUE VISUAL CORTEX: INTERAREAL PHENOTYPIC VARIATION OF DENDRITIC BRANCHING PATTERNS. <i>Fractals</i> , 2001, 09, 287-295.	1.8	25
189	DENDRITIC BRANCHING PATTERNS OF PYRAMIDAL CELLS IN THE VISUAL CORTEX OF THE NEW WORLD MARMOSET MONKEY, WITH COMPARATIVE NOTES ON THE OLD WORLD MACAQUE MONKEY. <i>Fractals</i> , 2001, 09, 297-303.	1.8	23
190	Regional Dendritic and Spine Variation in Human Cerebral Cortex: a Quantitative Golgi Study. <i>Cerebral Cortex</i> , 2001, 11, 558-571.	1.6	375
191	Oligomerization of opioid receptors with β_2 -adrenergic receptors: A role in trafficking and mitogen-activated protein kinase activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 343-348.	3.3	281
192	Heterodimerization of Calcium Sensing Receptors with Metabotropic Glutamate Receptors in Neurons. <i>Journal of Biological Chemistry</i> , 2001, 276, 39053-39059.	1.6	137
193	Vanilloid Receptor Expression and Capsaicin Excitation of Rat Dental Primary Afferent Neurons. <i>Journal of Dental Research</i> , 2001, 80, 1518-1523.	2.5	62
194	Distinct regions in the 3' untranslated region are responsible for targeting and stabilizing utrophin transcripts in skeletal muscle cells. <i>Journal of Cell Biology</i> , 2001, 154, 1173-1184.	2.3	50
195	Responses to Animated Contours of Neurons in Visual Cortex Area 18 of the Cat. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2001, 12, 49-58.	0.7	0
196	Neuropsychology of fear and loathing. <i>Nature Reviews Neuroscience</i> , 2001, 2, 352-363.	4.9	898
197	Nuclear Localization of G Protein β_2 and Regulator of G Protein Signaling 7 in Neurons and Brain. <i>Journal of Biological Chemistry</i> , 2001, 276, 10284-10289.	1.6	69
198	Activation of Calcium/Calmodulin-dependent Protein Kinase IV in Long Term Potentiation in the Rat Hippocampal CA1 Region. <i>Journal of Biological Chemistry</i> , 2001, 276, 24044-24050.	1.6	105
199	Defining Ca ²⁺ /Calmodulin-dependent Protein Kinase Cascades in Transcriptional Regulation. <i>Journal of Biological Chemistry</i> , 2001, 276, 2975-2978.	1.6	138

#	ARTICLE	IF	CITATIONS
201	Genetic requirement of p47phox for superoxide production by murine microglia. <i>FASEB Journal</i> , 2001, 15, 285-287.	0.2	59
202	Neural mechanism for the magical number 4: Competitive interactions and nonlinear oscillation. <i>Behavioral and Brain Sciences</i> , 2001, 24, 151-152.	0.4	60
203	Differential Dependence of the D1 and D5 Dopamine Receptors on the G Protein $\beta\gamma$ Subunit for Activation of Adenylyl cyclase. <i>Journal of Biological Chemistry</i> , 2001, 276, 39386-39393.	1.6	67
204	The focus of attention across space and across time. <i>Behavioral and Brain Sciences</i> , 2001, 24, 129-130.	0.4	17
205	Analgesic Effects of Intrathecal Administration of P2Y Nucleotide Receptor Agonists UTP and UDP in Normal and Neuropathic Pain Model Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 66-73.	1.3	97
206	Influence of cell fate mechanisms upon retinal mosaic formation: a modelling study. <i>Development (Cambridge)</i> , 2002, 129, 5399-5408.	1.2	49
207	Attenuation of Protein Kinase C and cAMP-dependent Protein Kinase Signal Transduction in the Neurogranin Knockout Mouse. <i>Journal of Biological Chemistry</i> , 2002, 277, 19498-19505.	1.6	54
208	Sex differences in the neural basis of emotional memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10789-10794.	3.3	579
209	Thyroid hormone is a critical determinant for the regulation of the cochlear motor protein prestin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2901-2906.	3.3	107
210	Expression Analysis and Subcellular Distribution of the Two G-protein Regulators AGS3 and LGN Indicate Distinct Functionality. <i>Journal of Biological Chemistry</i> , 2002, 277, 15897-15903.	1.6	106
211	μ -Opioid Receptors Desensitize Less Rapidly than δ -Opioid Receptors Due to Less Efficient Activation of Arrestin. <i>Journal of Biological Chemistry</i> , 2002, 277, 15729-15735.	1.6	49
212	Protein kinase C changes in diabetes: Is the concept relevant to neuropathy?. <i>International Review of Neurobiology</i> , 2002, 50, 61-82.	0.9	62
213	Contribution by synaptic zinc to the gender-disparate plaque formation in human Swedish mutant APP transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7705-7710.	3.3	409
214	Coding of Objects in the Prefrontal Cortex in Monkeys and Humans. <i>Neuroscientist</i> , 2002, 8, 6-11.	2.6	14
215	Membrane Targeting and Asymmetric Localization of Drosophila Partner of Inscuteable Are Discrete Steps Controlled by Distinct Regions of the Protein. <i>Molecular and Cellular Biology</i> , 2002, 22, 4230-4240.	1.1	32
216	cAMP-dependent Protein Kinase Types I and II Differentially Regulate cAMP Response Element-mediated Gene Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 18810-18816.	1.6	39
217	Mechanism of Apoptosis Induced by a New Topoisomerase Inhibitor through the Generation of Hydrogen Peroxide. <i>Journal of Biological Chemistry</i> , 2002, 277, 30684-30689.	1.6	58
218	Object representation-by-fragments in the visual system: a neurocomputational model. , 0, , .		1

#	ARTICLE	IF	CITATIONS
219	Effects of normal aging and Alzheimer's disease on emotional memory.. <i>Emotion</i> , 2002, 2, 118-134.	1.5	298
220	Constitutively active and G-protein coupled inward rectifier K ⁺ channels: Kir2.0 and Kir3.0. , 2002, 145, 47-179.		135
221	Ethanol Stimulates cAMP-Responsive Element (CRE)-Mediated Transcription via CRE-Binding Protein and cAMP-Dependent Protein Kinase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 66-70.	1.3	69
222	Interaction of 14-3-3 Protein with Regulator of G Protein Signaling 7 Is Dynamically Regulated by Tumor Necrosis Factor- α . <i>Journal of Biological Chemistry</i> , 2002, 277, 32954-32962.	1.6	51
223	Reduced N-Acetylaspartate in Prefrontal Cortex of Adult Rats with Neonatal Hippocampal Damage. <i>Cerebral Cortex</i> , 2002, 12, 983-990.	1.6	44
224	A-317491, a novel potent and selective non-nucleotide antagonist of P2X3 and P2X2/3 receptors, reduces chronic inflammatory and neuropathic pain in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17179-17184.	3.3	440
225	A Requirement of Nuclear Factor- κ B Activation in Fear-potentiated Startle. <i>Journal of Biological Chemistry</i> , 2002, 277, 46720-46729.	1.6	88
226	The Interaction of RGSZ1 with SCG10 Attenuates the Ability of SCG10 to Promote Microtubule Disassembly. <i>Journal of Biological Chemistry</i> , 2002, 277, 18127-18133.	1.6	34
227	D1/D5 Dopamine Receptors Stimulate Intracellular Calcium Release in Primary Cultures of Neocortical and Hippocampal Neurons. <i>Journal of Neurophysiology</i> , 2002, 87, 2167-2175.	0.9	95
228	Nitric Oxide and Depolarization Induce Hydroxyl Radical Generation. <i>The Japanese Journal of Pharmacology</i> , 2002, 88, 1-5.	1.2	18
229	The Temporal Sequence of Changes in Gene Expression by Drugs of Abuse. , 2003, 79, 03-12.		10
230	Effects of NADH and NADPH on superoxide levels and cerebral vascular tone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H688-H695.	1.5	93
231	Studies of Altered Social Cognition in Neuropsychiatric Disorders Using Functional Neuroimaging. <i>Canadian Journal of Psychiatry</i> , 2002, 47, 327-336.	0.9	88
232	Psychostimulant Use in the Rehabilitation of Individuals with Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2002, 17, 284-299.	1.0	83
233	Antiparkinsonian Drugs and Their Neuroprotective Effects.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 284-290.	0.6	20
234	Probability matching: Encouraging optimal responding in humans.. <i>Canadian Journal of Experimental Psychology</i> , 2002, 56, 58-63.	0.7	80
235	Mort neuronale dans les modÃ©les expÃ©rimentaux de la maladie de Parkinson. <i>Medecine/Sciences</i> , 2002, 18, 457-466.	0.0	3
236	Neuroprotective gene therapy for Parkinson's disease. <i>Current Gene Therapy</i> , 2002, 2, 451-483.	0.9	23

#	ARTICLE	IF	CITATIONS
237	Reaction Time Performance in Adults With HIV/AIDS. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2002, 24, 912-929.	0.8	49
238	Purine and Pyrimidine (P2) Receptors as Drug Targets. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4057-4093.	2.9	334
239	Mice Lacking Glutathione Peroxidase-1 Activity Show Increased TUNEL Staining and an Accelerated Inflammatory Response in Brain Following a Cold-Induced Injury. <i>Experimental Neurology</i> , 2002, 177, 9-20.	2.0	44
240	3-Nitropropionic Acid Neurotoxicity in Hippocampal Slice Cultures: Developmental and Regional Vulnerability and Dependency on Glucose. <i>Experimental Neurology</i> , 2002, 176, 237-246.	2.0	14
241	Ocsyn, a Novel Syntaxin-Interacting Protein Enriched in the Subapical Region of Inner Hair Cells. <i>Molecular and Cellular Neurosciences</i> , 2002, 20, 343-353.	1.0	15
242	The Effects of Spatial Attention on Motion Processing in Deaf Signers, Hearing Signers, and Hearing Nonsigners. <i>Brain and Cognition</i> , 2002, 49, 152-169.	0.8	117
243	Visual Field Asymmetries for Motion Processing in Deaf and Hearing Signers. <i>Brain and Cognition</i> , 2002, 49, 170-181.	0.8	97
244	Role of hydroxyl radical formation in neurotoxicity as revealed by in vivo free radical trapping. <i>Toxicology Letters</i> , 2002, 132, 83-93.	0.4	34
245	The Minicolumn and Evolution of the Brain. <i>Brain, Behavior and Evolution</i> , 2002, 60, 125-151.	0.9	104
246	Climbing fiber development: do neurotrophins have a part to play?. <i>Cerebellum</i> , 2002, 1, 265-275.	1.4	28
247	In Vivo Antioxidant Role of Glutathione Peroxidase: Evidence from Knockout Mice. <i>Methods in Enzymology</i> , 2002, 347, 213-225.	0.4	52
248	Reciprocal Interactions Between Microglia and Neurons: From Survival to Neuropathology. <i>Reviews in the Neurosciences</i> , 2002, 13, 221-42.	1.4	188
250	Zinc accelerates dengue virus type 2-induced apoptosis in Vero cells. <i>FEBS Letters</i> , 2002, 524, 20-24.	1.3	11
251	Role for brain-derived neurotrophic factor in learning and memory. <i>Life Sciences</i> , 2002, 70, 735-744.	2.0	342
252	Development of the rat respiratory neuron network during the late fetal period. <i>Neuroscience Research</i> , 2002, 42, 209-218.	1.0	35
253	Characterization of mGluR5R, a novel, metabotropic glutamate receptor 5-related gene. <i>Molecular Brain Research</i> , 2002, 109, 18-33.	2.5	7
254	Dendritic morphology of callosal and ipsilateral projection neurons in monkey prefrontal cortex. <i>Neuroscience</i> , 2002, 109, 461-471.	1.1	43
255	Acute and chronic alterations in calcium homeostasis in 3-nitropropionic acid-treated human NT2-N neurons. <i>Neuroscience</i> , 2002, 113, 699-708.	1.1	19

#	ARTICLE	IF	CITATIONS
256	Subacute systemic 3-nitropropionic acid intoxication induces a distinct motor disorder in adult C57Bl/6 mice: behavioural and histopathological characterisation. <i>Neuroscience</i> , 2002, 114, 1005-1017.	1.1	147
257	Detailed localization of regulator of G protein signaling 2 messenger ribonucleic acid and protein in the rat brain. <i>Neuroscience</i> , 2002, 114, 39-53.	1.1	34
258	Environmental Factors in Parkinson's Disease. <i>NeuroToxicology</i> , 2002, 23, 487-502.	1.4	213
259	Long-term plasticity at GABAergic and glycinergic synapses: mechanisms and functional significance. <i>Trends in Neurosciences</i> , 2002, 25, 564-570.	4.2	271
260	Elevated levels of GluR1 in the midbrain: a trigger for sensitization to drugs of abuse?. <i>Trends in Neurosciences</i> , 2002, 25, 610-615.	4.2	255
261	Nucleus accumbens shell and core dopamine: differential role in behavior and addiction. <i>Behavioural Brain Research</i> , 2002, 137, 75-114.	1.2	840
262	Synaptic modification in neurons of the central nucleus of the inferior colliculus. <i>Hearing Research</i> , 2002, 168, 43-54.	0.9	36
263	Top-down control of visual attention's effects of stimulus modality. <i>International Congress Series</i> , 2002, 1232, 789-794.	0.2	0
264	Neuroimaging of emotion and personality: Scientific evidence and ethical considerations. <i>Brain and Cognition</i> , 2002, 50, 414-431.	0.8	102
265	Erythropoietin restores glutathione peroxidase activity in 1-methyl-4-phenyl-1,2,5,6-tetrahydropyridine-induced neurotoxicity in C57BL mice and stimulates murine astroglial glutathione peroxidase production in vitro. <i>Neuroscience Letters</i> , 2002, 321, 73-76.	1.0	124
266	Adenosine 5'-triphosphate-evoked calcium responses in terminal Schwann cells of lanceolate sensory endings isolated from rat vibrissae. <i>Neuroscience Letters</i> , 2002, 324, 137-140.	1.0	9
267	Human anterior cingulate cortex is activated by negative feedback: evidence from event-related potentials in a guessing task. <i>Neuroscience Letters</i> , 2002, 325, 203-206.	1.0	104
268	Dopaminergic modulation of high-level cognition in Parkinson's disease: the role of the prefrontal cortex revealed by PET. <i>Brain</i> , 2002, 125, 584-594.	3.7	382
269	Toxin-induced mitochondrial dysfunction. <i>International Review of Neurobiology</i> , 2002, 53, 243-279.	0.9	17
270	Accumulation of nerve growth factor protein at both rostral and caudal stumps in the transected rat spinal cord. <i>Journal of the Neurological Sciences</i> , 2002, 198, 63-69.	0.3	33
271	Enhanced Locomotor, Reinforcing, and Neurochemical Effects of Cocaine in Serotonin 5-Hydroxytryptamine 2C Receptor Mutant Mice. <i>Journal of Neuroscience</i> , 2002, 22, 10039-10045.	1.7	148
272	Activation of Central Terminal Vanilloid Receptor-1 Receptors and α -Methylene-ATP-Sensitive P2X Receptors Reveals a Converged Synaptic Activity onto the Deep Dorsal Horn Neurons of the Spinal Cord. <i>Journal of Neuroscience</i> , 2002, 22, 1228-1237.	1.7	95
273	Long-Lasting Potentiation of GABAergic Synapses in Dopamine Neurons after a Single In Vivo Ethanol Exposure. <i>Journal of Neuroscience</i> , 2002, 22, 2074-2082.	1.7	175

#	ARTICLE	IF	CITATIONS
274	Substrate for Cross-Talk Inhibition between Thalamic Barreloids. <i>Journal of Neuroscience</i> , 2002, 22, RC218-RC218.	1.7	44
275	Interneuronal Basis of the Generation of Related but Distinct Motor Programs in <i>Aplysia</i> : Implications for Current Neuronal Models of Vertebrate Intralimb Coordination. <i>Journal of Neuroscience</i> , 2002, 22, 6228-6238.	1.7	87
276	Functional Dissection of Neuroanatomical Loci Regulating Ethanol Sensitivity in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2002, 22, 9490-9501.	1.7	82
277	One-Trial <i>In Vitro</i> Conditioning Regulates a Cytoskeletal-Related Protein (CSP24) in the Conditioned Stimulus Pathway of <i>Hermissenda</i> . <i>Journal of Neuroscience</i> , 2002, 22, 10514-10518.	1.7	18
278	Peroxyinitrite and injury to the vasculature and central nervous system in stroke and neurodegeneration. , 2002, , 23-46.		1
279	P2X Receptors in Trigeminal Subnucleus Caudalis Modulate Central Sensitization in Trigeminal Subnucleus Oral. <i>Journal of Neurophysiology</i> , 2002, 88, 1614-1624.	0.9	65
280	The International Consortium for Brain Mapping: A Probabilistic Atlas and Reference System for the Human Brain. , 2002, , 727-755.		7
281	The GABAAR Receptor $\alpha 1$ Subtype in the Ventral Pallidum Regulates Alcohol-Seeking Behaviors. <i>Journal of Neuroscience</i> , 2002, 22, 3765-3775.	1.7	76
282	Spontaneous Development of Synchronous Oscillatory Activity During Maturation of Cortical Networks <i>In Vitro</i> . <i>Journal of Neurophysiology</i> , 2002, 88, 2196-2206.	0.9	163
283	ATP-Inhibition of M Current in Frog Sympathetic Neurons Involves Phospholipase C But Not Ins P3, Ca ²⁺ , PKC, or Ras. <i>Journal of Neurophysiology</i> , 2002, 88, 277-288.	0.9	26
284	Blockade of Ca ²⁺ -Permeable AMPA/Kainate Channels Decreases Oxygen-Induced Glucose Deprivation-Induced Zn ²⁺ Accumulation and Neuronal Loss in Hippocampal Pyramidal Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 1273-1279.	1.7	139
285	Differential Effects of Serotonin Enhance Activity of an Electrically Coupled Neural Network. <i>Journal of Neurophysiology</i> , 2002, 87, 2889-2895.	0.9	14
286	Synaptic Mechanisms Regulating the Activation of a Ca ²⁺ -Mediated Plateau Potential in Developing Relay Cells of the LGN. <i>Journal of Neurophysiology</i> , 2002, 87, 1175-1185.	0.9	58
287	Rewarding and Psychomotor Stimulant Effects of Endomorphin-1: Anteroposterior Differences within the Ventral Tegmental Area and Lack of Effect in Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2002, 22, 7225-7233.	1.7	123
288	Experimental and Modeling Studies of Novel Bursts Induced by Blocking Na ⁺ Pump and Synaptic Inhibition in the Rat Spinal Cord. <i>Journal of Neurophysiology</i> , 2002, 88, 676-691.	0.9	28
289	Prenatal Choline Supplementation Protects against Postnatal Neurotoxicity. <i>Journal of Neuroscience</i> , 2002, 22, RC195-RC195.	1.7	49
290	<i>In Vitro</i> Neurotoxicity of Methylisothiazolinone, a Commonly Used Industrial and Household Biocide, Proceeds via a Zinc and Extracellular Signal-Regulated Kinase Mitogen-Activated Protein Kinase-Dependent Pathway. <i>Journal of Neuroscience</i> , 2002, 22, 7408-7416.	1.7	77
291	Cyclin-Dependent Kinase 5 Is Required for Associative Learning. <i>Journal of Neuroscience</i> , 2002, 22, 3700-3707.	1.7	127

#	ARTICLE	IF	CITATIONS
292	Electrophysiological Responses in the Human Amygdala Discriminate Emotion Categories of Complex Visual Stimuli. <i>Journal of Neuroscience</i> , 2002, 22, 9502-9512.	1.7	214
293	Peripheral Inflammation Sensitizes P2X Receptor-Mediated Responses in Rat Dorsal Root Ganglion Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 93-102.	1.7	221
294	Selective Coupling of T-Type Calcium Channels to SK Potassium Channels Prevents Intrinsic Bursting in Dopaminergic Midbrain Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 3404-3413.	1.7	233
295	Psychomotor Stimulant Addiction: A Neural Systems Perspective. <i>Journal of Neuroscience</i> , 2002, 22, 3312-3320.	1.7	667
296	<i>In Vivo</i> Labeling of Parvalbumin-Positive Interneurons and Analysis of Electrical Coupling in Identified Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 7055-7064.	1.7	282
297	Quantitative Analysis of Cyto- and Receptor Architecture of the Human Brain. , 2002, , 573-602.		152
298	Voluntary Alcohol Consumption Is Controlled via the Neuropeptide Y Y1 Receptor. <i>Journal of Neuroscience</i> , 2002, 22, RC208-RC208.	1.7	141
299	Several δ -opioid receptor ligands display no subtype selectivity to the human δ -opioid receptor. <i>European Journal of Pharmacology</i> , 2002, 451, 257-264.	1.7	33
300	Glucose metabolism in the amygdala in depression: Relationship to diagnostic subtype and plasma cortisol levels. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 71, 431-447.	1.3	404
301	Elevated extracellular CRF levels in the bed nucleus of the stria terminalis during ethanol withdrawal and reduction by subsequent ethanol intake. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 213-220.	1.3	220
302	Ginkgo biloba extract. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 72, 913-922.	1.3	59
303	Neurobiology of relapse to alcohol in rats. , 2002, 94, 137-156.		219
304	Oxidative stress and dopamine deficiency in a genetic mouse model of Lesch- <i>Nyhan</i> disease. <i>Developmental Brain Research</i> , 2002, 133, 127-139.	2.1	44
305	Expression of the L-type calcium channel in the developing mouse visual system by use of immunocytochemistry. <i>Developmental Brain Research</i> , 2002, 136, 185-195.	2.1	17
306	GRO1 \pm /KC, a chemokine receptor CXCR2 ligand, can be a potent trigger for neuronal ERK1/2 and PI-3 kinase pathways and for tau hyperphosphorylation—a role in Alzheimer's disease?. <i>Journal of Neuroimmunology</i> , 2002, 122, 55-64.	1.1	94
307	Speechreading circuits in people born deaf. <i>Neuropsychologia</i> , 2002, 40, 801-807.	0.7	82
308	The contribution of visual areas to speech comprehension: a PET study in cochlear implants patients and normal-hearing subjects. <i>Neuropsychologia</i> , 2002, 40, 1562-1569.	0.7	91
309	Neural response to emotional faces with and without awareness: event-related fMRI in a parietal patient with visual extinction and spatial neglect. <i>Neuropsychologia</i> , 2002, 40, 2156-2166.	0.7	278

#	ARTICLE	IF	CITATIONS
310	The distribution of copper, zinc- and manganese-superoxide dismutase, and glutathione peroxidase messenger ribonucleic acid in rat basal ganglia. <i>Biochemical Pharmacology</i> , 2002, 63, 1159-1164.	2.0	15
311	Glutathione, iron and Parkinson's disease. <i>Biochemical Pharmacology</i> , 2002, 64, 1037-1048.	2.0	372
312	Evaluation of 3-nitrotyrosine as a marker for 3-nitropropionic acid-induced oxidative stress in Lewis and Wistar rats and strain-specific whole brain spheroid cultures. <i>Brain Research</i> , 2002, 931, 5-20.	1.1	20
313	MPTP. <i>Neurotoxicology and Teratology</i> , 2002, 24, 607-620.	1.2	123
314	Neural Systems and Cue-Induced Cocaine Craving. <i>Neuropsychopharmacology</i> , 2002, 26, 376-386.	2.8	455
315	Where Do We Go from Here? The Importance of Initial Values. <i>Neuropsychopharmacology</i> , 2002, 27, 879-880.	2.8	7
316	The role of tangential dispersion in retinal mosaic formation. <i>Progress in Retinal and Eye Research</i> , 2002, 21, 153-168.	7.3	70
317	Auditory deprivation affects processing of motion, but not color. <i>Cognitive Brain Research</i> , 2002, 14, 422-434.	3.3	116
318	Multiple regulatory events controlling the expression and localization of utrophin in skeletal muscle fibers: insights into a therapeutic strategy for Duchenne muscular dystrophy. <i>Journal of Physiology (Paris)</i> , 2002, 96, 31-42.	2.1	28
319	Computational perspectives on dopamine function in prefrontal cortex. <i>Current Opinion in Neurobiology</i> , 2002, 12, 223-229.	2.0	333
320	Drugs, flies, and videotape: the effects of ethanol and cocaine on <i>Drosophila</i> locomotion. <i>Current Opinion in Neurobiology</i> , 2002, 12, 639-645.	2.0	72
321	Working memory after traumatic brain injury in children. <i>Annals of Neurology</i> , 2002, 52, 82-88.	2.8	94
322	Developmentally regulated changes in cellular compartmentation and synaptic distribution of actin in hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2002, 69, 427-436.	1.3	32
323	Age-related deficits in long-term potentiation are insensitive to hydrogen peroxide: Coincidence with enhanced autophosphorylation of Ca ²⁺ /calmodulin-dependent protein kinase II. <i>Journal of Neuroscience Research</i> , 2002, 70, 298-308.	1.3	43
324	BDNF-triggered events in the rat hippocampus are required for both short- and long-term memory formation. <i>Hippocampus</i> , 2002, 12, 551-560.	0.9	298
325	Subchronic methylphenidate administration has no effect on locomotion, emotional behavior, or water maze learning in prepubertal mice. <i>Developmental Psychobiology</i> , 2002, 41, 123-132.	0.9	29
326	Conditional mutagenesis of CamKIV. <i>Genesis</i> , 2002, 32, 161-164.	0.8	5
327	Reconsolidation reconsidered. <i>Integrative Psychological and Behavioral Science</i> , 2002, 37, 245-253.	0.3	38

#	ARTICLE	IF	CITATIONS
328	Dopamine receptor-coupling defect in hypertension. <i>Current Hypertension Reports</i> , 2002, 4, 237-244.	1.5	31
329	Attentional control in learning to discriminate bars and gratings. <i>Experimental Brain Research</i> , 2002, 142, 539-550.	0.7	17
330	Depletion of intracellular glutathione mediates zinc-induced cell death in rat primary astrocytes. <i>Experimental Brain Research</i> , 2002, 143, 257-263.	0.7	52
331	The influence of response competition on cerebral asymmetries for processing hierarchical stimuli revealed by ERP recordings. <i>Experimental Brain Research</i> , 2002, 144, 136-139.	0.7	45
332	Clock mechanisms in zebrafish. <i>Cell and Tissue Research</i> , 2002, 309, 27-34.	1.5	252
333	Calbindin and calretinin immunoreactivities in the retina of a chondrosteian, <i>Acipenser baeri</i> . <i>Cell and Tissue Research</i> , 2002, 309, 355-360.	1.5	28
334	Dopamine efflux by MPTP and hydroxyl radical generation. <i>Journal of Neural Transmission</i> , 2002, 109, 1159-1180.	1.4	86
335	Memory trace in prefrontal cortex: theory for the cognitive switch. <i>Biological Reviews</i> , 2002, 77, 563-577.	4.7	15
336	Impaired Mitochondrial Function Results in Increased Tissue Transglutaminase Activity In Situ. <i>Journal of Neurochemistry</i> , 2002, 75, 1951-1961.	2.1	39
337	Glutathione depletion switches nitric oxide neurotrophic effects to cell death in midbrain cultures: implications for Parkinson's disease. <i>Journal of Neurochemistry</i> , 2002, 79, 1183-1195.	2.1	59
338	Trophic agents that prevent neuronal apoptosis activate calpain and down-regulate CaMKIV. <i>Journal of Neurochemistry</i> , 2002, 81, 314-324.	2.1	16
339	Transglutaminase overexpression sensitizes neuronal cell lines to apoptosis by increasing mitochondrial membrane potential and cellular oxidative stress. <i>Journal of Neurochemistry</i> , 2002, 81, 1061-1072.	2.1	117
340	Spinal cord injury induces expression of RGS7 in microglia/macrophages in rats. <i>European Journal of Neuroscience</i> , 2002, 15, 602-612.	1.2	20
341	D2-mediated modulation of N-type calcium currents in rat globus pallidus neurons following dopamine denervation. <i>European Journal of Neuroscience</i> , 2002, 15, 815-825.	1.2	25
342	Expression of fractalkine and its receptor, CX3CR1, in response to ischaemia-reperfusion brain injury in the rat. <i>European Journal of Neuroscience</i> , 2002, 15, 1663-1668.	1.2	133
343	Tissue plasminogen activator is required for corticostriatal long-term potentiation. <i>European Journal of Neuroscience</i> , 2002, 16, 713-721.	1.2	52
344	Stimulation of cortical acetylcholine release following blockade of ionotropic glutamate receptors in nucleus accumbens. <i>European Journal of Neuroscience</i> , 2002, 16, 1259-1266.	1.2	24
345	Molecular phenotype of rat striatal neurons expressing the dopamine D5receptor subtype. <i>European Journal of Neuroscience</i> , 2002, 16, 2049-2058.	1.2	103

#	ARTICLE	IF	CITATIONS
346	The neuropsychological profile of early and continuously treated phenylketonuria: orienting, vigilance, and maintenance versus manipulation-functions of working memory. <i>Neuroscience and Biobehavioral Reviews</i> , 2002, 26, 697-712.	2.9	89
347	Developmental profiles of glutamate receptors and synaptic transmission at a single synapse in the mouse auditory brainstem. <i>Journal of Physiology</i> , 2002, 540, 861-873.	1.3	131
348	The optic tectum controls visually guided adaptive plasticity in the owl's auditory space map. <i>Nature</i> , 2002, 415, 73-76.	13.7	104
349	Calcium-calmodulin-dependent protein kinase IV is required for fear memory. <i>Nature Neuroscience</i> , 2002, 5, 573-579.	7.1	208
350	Cross-modal plasticity: where and how?. <i>Nature Reviews Neuroscience</i> , 2002, 3, 443-452.	4.9	833
351	Involvement of μ - and δ -, but not κ -, opioid receptors in the peristaltic motor depression caused by endogenous and exogenous opioids in the guinea-pig intestine. <i>British Journal of Pharmacology</i> , 2002, 135, 741-750.	2.7	67
352	Seizure-induced memory impairment is reduced by choline supplementation before or after status epilepticus. <i>Epilepsy Research</i> , 2002, 48, 3-13.	0.8	91
353	Environmental estrogen-like chemicals and hydroxyl radicals induced by MPTP in the striatum: a review. <i>Neurochemical Research</i> , 2002, 27, 423-431.	1.6	17
354	Computation by ensemble synchronization in recurrent networks with synaptic depression. <i>Journal of Computational Neuroscience</i> , 2002, 13, 111-124.	0.6	83
355	Traps in the route to models of memory and decision. <i>Psychonomic Bulletin and Review</i> , 2002, 9, 3-25.	1.4	67
356	Event-related potentials of emotional memory: Encoding pleasant, unpleasant, and neutral pictures. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 252-263.	1.0	343
357	Mechanisms underlying dependencies of performance on stimulus history in a two-alternative forced-choice task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 283-299.	1.0	104
358	The inferior temporal cortex: architecture, computation, and representation. <i>Journal of Neurocytology</i> , 2002, 31, 359-371.	1.6	61
359	Cortical heterogeneity: implications for visual processing and polysensory integration. <i>Journal of Neurocytology</i> , 2002, 31, 317-335.	1.6	120
360	Targeted Trafficking of Neurotransmitter Receptors to Synaptic Sites. <i>Molecular Neurobiology</i> , 2002, 26, 117-136.	1.9	11
361	Current perspectives on the role of thyroid hormone in growth and development of cerebellum. <i>Cerebellum</i> , 2003, 2, 279-289.	1.4	84
362	Selective vulnerability of cerebellar granule neuroblasts and their progeny to drugs with abuse liability. <i>Cerebellum</i> , 2003, 2, 184-195.	1.4	29
363	Functional neuroanatomy of emotions: A meta-analysis. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003, 3, 207-233.	1.0	922

#	ARTICLE	IF	CITATIONS
364	Effects of methylphenidate on working memory in pigeons. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003, 3, 300-308.	1.0	10
365	Neural processing associated with true and false memory retrieval. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2003, 3, 323-334.	1.0	77
366	The acute effect of methylphenidate on cerebral blood flow in boys with attention-deficit/hyperactivity disorder. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 423-426.	3.3	54
367	Attenuation of cocaine-seeking behaviour by the AMPA/kainate receptor antagonist CNQX in rats. <i>Psychopharmacology</i> , 2003, 166, 69-76.	1.5	36
368	Neurochemical correlates of relapse to d-amphetamine self-administration by rats induced by stimulation of the ventral subiculum. <i>Psychopharmacology</i> , 2003, 168, 99-108.	1.5	50
369	Enhanced P2Y1 receptor expression in the brain after sensitisation with d-amphetamine. <i>Psychopharmacology</i> , 2003, 167, 187-194.	1.5	33
370	cAMP-dependent protein kinase and reward-related learning: intra-accumbens Rp-cAMPS blocks amphetamine-produced place conditioning in rats. <i>Psychopharmacology</i> , 2003, 170, 23-32.	1.5	37
371	Temporal shaping of phasic neuronal responses by GABA- and non-GABA-mediated mechanisms in the somatosensory thalamus of the rat. <i>Experimental Brain Research</i> , 2003, 153, 310-321.	0.7	5
372	Excitation of fluorescent dyes inactivates the outer hair cell integral membrane motor protein prestin and betrays its lateral mobility. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 617-622.	1.3	16
373	Distinct prefrontal cortex activity associated with item memory and source memory for visual shapes. <i>Cognitive Brain Research</i> , 2003, 17, 75-82.	3.3	610
374	Neural correlates of error detection and correction in a semantic retrieval task. <i>Cognitive Brain Research</i> , 2003, 17, 793-817.	3.3	83
375	Prefrontal cortex function, quasi-physiological stimuli, and synaptic plasticity. <i>Journal of Physiology (Paris)</i> , 2003, 97, 423-430.	2.1	26
376	Effect of opioid receptor ligands on the μ -S196A knock-in and μ knockout mouse vas deferens. <i>European Journal of Pharmacology</i> , 2003, 478, 207-210.	1.7	3
377	Zn ²⁺ transporters and Zn ²⁺ homeostasis in neurons. <i>European Journal of Pharmacology</i> , 2003, 479, 171-185.	1.7	162
378	Serotonin and drug reward: focus on 5-HT _{2C} receptors. <i>European Journal of Pharmacology</i> , 2003, 480, 151-162.	1.7	147
379	Role of the mesotelencephalic dopamine system in learning and memory processes in the rat. <i>European Journal of Pharmacology</i> , 2003, 475, 55-60.	1.7	89
380	G-proteins as transducers in transmembrane signalling. <i>Progress in Biophysics and Molecular Biology</i> , 2003, 83, 101-130.	1.4	238
381	Molecular determinants and physiological relevance of extrasomatic RNA localization in neurons. <i>Frontiers in Neuroendocrinology</i> , 2003, 24, 128-139.	2.5	12

#	ARTICLE	IF	CITATIONS
382	Neuropharmacological sequelae of persistent CNS viral infections: lessons from Borna Disease Virus. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 777-787.	1.3	16
383	A comparative study of the anticholinesterase activity of several antipsychotic agents. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 75, 895-901.	1.3	7
384	The N-methyl-d-aspartate receptor subunit NR2B: localization, functional properties, regulation, and clinical implications. , 2003, 97, 55-85.		332
385	Mu and delta receptors mediate morphine effects on phagocytosis by murine peritoneal macrophages. <i>Journal of Neuroimmunology</i> , 2003, 136, 9-16.	1.1	37
386	Prefrontal activity associated with working memory and episodic long-term memory. <i>Neuropsychologia</i> , 2003, 41, 378-389.	0.7	391
387	On the development of the stratification of the inner plexiform layer in the chick retina. <i>Journal of Comparative Neurology</i> , 2003, 460, 1-12.	0.9	26
388	Upregulation of calretinin immunostaining in the ferret inferior colliculus after cochlear ablation. <i>Journal of Comparative Neurology</i> , 2003, 460, 585-596.	0.9	28
389	Anatomical markers for the subdivisions of the barn owl's inferior-collicular complex and adjacent peri- and subventricular structures. <i>Journal of Comparative Neurology</i> , 2003, 465, 145-159.	0.9	38
390	Development of output connections from the inferior colliculus to the optic tectum in barn owls. <i>Journal of Comparative Neurology</i> , 2003, 464, 511-524.	0.9	12
391	Fractalkine protein localization and gene expression in mouse brain. <i>Journal of Neuroscience Research</i> , 2003, 73, 81-88.	1.3	85
392	Protein synthesis at synapse versus cell body: Enhanced but transient expression of long-term facilitation at isolated synapses. <i>Journal of Neurobiology</i> , 2003, 56, 275-286.	3.7	45
393	The top and the bottom of ADHD: a neuropsychological perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 583-592.	2.9	283
394	Birth insult interacts with stress at adulthood to alter dopaminergic function in animal models: possible implications for schizophrenia and other disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 91-101.	2.9	173
395	Metabolic imprinting of choline by its availability during gestation: implications for memory and attentional processing across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 385-399.	2.9	277
396	Changes in the expression of claudins and transepithelial electrical resistance of mouse Sertoli cells by Leydig cell coculture. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 271-278.	3.6	37
397	Expression of mCLOCK and Other Circadian Clock-Relevant Proteins in the Mouse Suprachiasmatic Nuclei. <i>Journal of Neuroendocrinology</i> , 2003, 15, 329-334.	1.2	70
398	Tetrahydrobiopterin precursor sepiapterin provides protection against neurotoxicity of 1-methyl-4-phenylpyridinium in nigral slice cultures. <i>Journal of Neurochemistry</i> , 2003, 85, 214-223.	2.1	25
399	Zinc toxicity on neonatal cortical neurons: involvement of glutathione chelation. <i>Journal of Neurochemistry</i> , 2003, 85, 443-453.	2.1	73

#	ARTICLE	IF	CITATIONS
400	Activity of the rat GluR4 promoter in transfected cortical neurons and glia. <i>Journal of Neurochemistry</i> , 2003, 86, 1162-1173.	2.1	8
401	NR2A induction and NMDA receptor-dependent neuronal death by neurotrophin-4/5 in cortical cell culture. <i>Journal of Neurochemistry</i> , 2003, 88, 708-716.	2.1	18
402	Dopamine gating of forebrain neural ensembles. <i>European Journal of Neuroscience</i> , 2003, 17, 429-435.	1.2	228
403	Endogenous and exogenous dopamine presynaptically inhibits glutamatergic reticulospinal transmission via an action of D2-receptors on N-type Ca ²⁺ channels. <i>European Journal of Neuroscience</i> , 2003, 17, 447-454.	1.2	30
404	The pyramidal neuron in occipital, temporal and prefrontal cortex of the owl monkey (<i>Aotus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 T 1313-1318.	1.2	26
405	Methamphetamine exposure during the preweaning period causes prolonged changes in dorsal striatal protein kinase A activity, dopamine D2-like binding sites, and dopamine content. <i>Synapse</i> , 2003, 48, 131-137.	0.6	34
406	Amygdaloid D1 receptors are not linked to stimulation of adenylate cyclase. <i>Synapse</i> , 2003, 50, 320-333.	0.6	31
407	Protection of brain cells against AMPA-induced damage by <i>Asiasari radix</i> extracts. <i>Phytotherapy Research</i> , 2003, 17, 882-886.	2.8	12
408	Antisense overexpression of BMAL2 enhances cell proliferation. <i>Oncogene</i> , 2003, 22, 5306-5314.	2.6	27
409	The Decreased Phosphorylation of Cyclic Adenosine Monophosphate (cAMP) Response Element Binding (CREB) Protein in the Central Amygdala Acts as a Molecular Substrate for Anxiety Related to Ethanol Withdrawal in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 396-409.	1.4	146
410	Glutathione Peroxidase-1 Contributes to the Neuroprotection Seen in the Superoxide Dismutase-1 Transgenic Mouse in Response to Ischemia/Reperfusion Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 19-22.	2.4	55
411	Parallel decrease in γ -aminobutyric acid-sensitive transmission and dopamine-induced inhibition at the striatal synapse of developing rats. <i>Journal of Physiology</i> , 2003, 546, 483-490.	1.3	30
412	Strong, reliable and precise synaptic connections between thalamic relay cells and neurones of the nucleus reticularis in juvenile rats. <i>Journal of Physiology</i> , 2003, 546, 801-811.	1.3	84
413	Sugar Transport by Mammalian Members of the SLC26 Superfamily of Anion-Bicarbonate Exchangers. <i>Journal of Physiology</i> , 2003, 550, 667-677.	1.3	26
414	Nosing in on the emotional brain. <i>Nature Neuroscience</i> , 2003, 6, 106-108.	7.1	50
415	The master clock becomes a servant. <i>Nature Neuroscience</i> , 2003, 6, 108-108.	7.1	0
416	Parietal activity and the perceived direction of ambiguous apparent motion. <i>Nature Neuroscience</i> , 2003, 6, 616-623.	7.1	168
417	Rapid task-related plasticity of spectrotemporal receptive fields in primary auditory cortex. <i>Nature Neuroscience</i> , 2003, 6, 1216-1223.	7.1	762

#	ARTICLE	IF	CITATIONS
418	Immune responses to RNA-virus infections of the CNS. <i>Nature Reviews Immunology</i> , 2003, 3, 493-502.	10.6	205
419	Brachial plexus dorsal rhizotomy in hemiplegic cerebral palsy. <i>Hand Clinics</i> , 2003, 19, 687-699.	0.4	16
420	Ambient odors modulate visual attentional capture. <i>Neuroscience Letters</i> , 2003, 352, 221-221.	1.0	0
421	Purinergetic mechanisms contribute to mechanosensory transduction in the rat colorectum. <i>Gastroenterology</i> , 2003, 125, 1398-1409.	0.6	100
422	A fronto-parietal circuit for tactile object discrimination. <i>NeuroImage</i> , 2003, 19, 1103-1114.	2.1	154
424	Ambient odors modulate visual attentional capture. <i>Neuroscience Letters</i> , 2003, 352, 221-225.	1.0	38
425	Systems mediating acute glucocorticoid effects on memory consolidation and retrieval. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 1213-1223.	2.5	156
426	Androgenic Regulation of Oxidative Stress in the Rat Prostate. <i>American Journal of Pathology</i> , 2003, 163, 2513-2522.	1.9	158
427	Zinc released from metallothionein-iii may contribute to hippocampal CA1 and thalamic neuronal death following acute brain injury. <i>Experimental Neurology</i> , 2003, 184, 337-347.	2.0	150
428	Opioid receptor interactions: Local and nonlocal, symmetric and asymmetric, physical and functional. <i>Life Sciences</i> , 2003, 73, 1873-1893.	2.0	31
429	The GBeta5 subunit that associates with the R7 subfamily of RGS proteins regulates mu-opioid effects. <i>Neuropharmacology</i> , 2003, 45, 82-95.	2.0	37
430	Compulsive behavior in the 5-HT2C receptor knockout mouse. <i>Physiology and Behavior</i> , 2003, 78, 641-649.	1.0	120
431	Repeated stress in young and old 5-HT2C receptor knockout mice. <i>Physiology and Behavior</i> , 2003, 79, 217-226.	1.0	38
432	Engagement of Lateral and Medial Prefrontal Areas in the Ecphory of Sad and Happy Autobiographical Memories. <i>Cortex</i> , 2003, 39, 643-665.	1.1	263
433	Cyclic AMP induces phosphorylation of claudin-5 immunoprecipitates and expression of claudin-5 gene in blood-brain-barrier endothelial cells via protein kinase A-dependent and -independent pathways. <i>Experimental Cell Research</i> , 2003, 290, 275-288.	1.2	176
434	Isolating the retrieval of imagined pictures during episodic memory: activation of the left precuneus and left prefrontal cortex. <i>NeuroImage</i> , 2003, 20, 1934-1943.	2.1	176
435	Drug craving and addiction: integrating psychological and neuropsychopharmacological approaches. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 563-579.	2.5	676
436	Adenosine in the spinal cord and periphery: release and regulation of pain. <i>Progress in Neurobiology</i> , 2003, 69, 313-340.	2.8	313

#	ARTICLE	IF	CITATIONS
437	The neurobiology and control of anxious states. <i>Progress in Neurobiology</i> , 2003, 70, 83-244.	2.8	815
438	Hippocampal modulation of sensorimotor processes. <i>Progress in Neurobiology</i> , 2003, 70, 319-345.	2.8	252
439	Changes in the gene expression of six subtypes of P2X receptors in rat dorsal root ganglion after spinal nerve ligation. <i>Neuroscience Letters</i> , 2003, 337, 81-84.	1.0	42
440	Prenatal dietary choline availability alters postnatal neurotoxic vulnerability in the adult rat. <i>Neuroscience Letters</i> , 2003, 341, 161-163.	1.0	26
441	The effects of early bilateral deafening on calretinin expression in the dorsal cochlear nucleus of aged CBA/CaJ mice. <i>Hearing Research</i> , 2003, 183, 57-66.	0.9	25
442	Activity-dependent change in the protein level of brain-derived neurotrophic factor but no change in other neurotrophins in the visual cortex of young and adult ferrets. <i>Neuroscience</i> , 2003, 117, 361-371.	1.1	24
443	Pyramidal cell heterogeneity in the visual cortex of the nocturnal new world owl monkey (aotus) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 50	1.1	22
444	Estradiol inhibits atp-induced intracellular calcium concentration increase in dorsal root ganglia neurons. <i>Neuroscience</i> , 2003, 118, 941-948.	1.1	126
445	Presynaptic μ opioid receptors differentially modulate rhythm and pattern generation in the ventral respiratory group of the rat. <i>Neuroscience</i> , 2003, 121, 959-973.	1.1	28
446	A molecular perspective of human circadian rhythm disorders. <i>Brain Research Reviews</i> , 2003, 42, 204-220.	9.1	111
447	Neurobiology of emotion perception I: the neural basis of normal emotion perception. <i>Biological Psychiatry</i> , 2003, 54, 504-514.	0.7	1,920
448	Adaptor protein complex-4 (AP-4) is expressed in the central nervous system neurons and interacts with glutamate receptor $\hat{2}$. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 283-295.	1.0	67
449	Genetic or Pharmacological Iron Chelation Prevents MPTP-Induced Neurotoxicity In Vivo. <i>Neuron</i> , 2003, 37, 899-909.	3.8	594
450	Review: neuronal-glia interactions in central sensitization. <i>Seminars in Pain Medicine</i> , 2003, 1, 171-183.	0.4	10
451	Functional Genomics and the Comparative Physiology of Hypoxia. <i>Annual Review of Physiology</i> , 2003, 65, 203-230.	5.6	42
452	Disruption in the Inhibitory Architecture of the Cell Minicolumn: Implications for Autism. <i>Neuroscientist</i> , 2003, 9, 496-507.	2.6	285
453	Amphetamine or cocaine limits the ability of later experience to promote structural plasticity in the neocortex and nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10523-10528.	3.3	207
454	Isolating the retrieval of imagined pictures during episodic memory: activation of the left precuneus and left prefrontal cortex. <i>NeuroImage</i> , 2003, 20, 1934-1934.	2.1	16

#	ARTICLE	IF	CITATIONS
455	How long will long-term potentiation last?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 735-744.	1.8	203
457	Curvature covariation as a factor in perceptual salience. , 0, , .		5
458	Wnt signaling mediates reorientation of outer hair cell stereociliary bundles in the mammalian cochlea. <i>Development (Cambridge)</i> , 2003, 130, 2375-2384.	1.2	183
459	Neuroscience of Pavlovian Conditioning: A Brief Review. <i>Spanish Journal of Psychology</i> , 2003, 6, 155-167.	1.1	14
460	Instability of GGL domain-containing RGS proteins in mice lacking the G protein α -subunit G α 5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6604-6609.	3.3	193
461	Histone deacetylase inhibitors prevent oxidative neuronal death independent of expanded polyglutamine repeats via an Sp1-dependent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4281-4286.	3.3	241
462	Interaction of Activator of G-protein Signaling 3 (AGS3) with LKB1, a Serine/Threonine Kinase Involved in Cell Polarity and Cell Cycle Progression. <i>Journal of Biological Chemistry</i> , 2003, 278, 23217-23220.	1.6	57
463	G β 3 Subunit-selective G Protein α 5 Mutant Defines Regulators of G Protein Signaling Protein Binding Requirement for Nuclear Localization. <i>Journal of Biological Chemistry</i> , 2003, 278, 12507-12512.	1.6	30
464	Nitric Oxide Triggers the Toxicity due to Glutathione Depletion in Midbrain Cultures through 12-Lipoxygenase. <i>Journal of Biological Chemistry</i> , 2003, 278, 21542-21549.	1.6	94
465	Heterodimerization of β 2A- and β 21-Adrenergic Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 10770-10777.	1.6	112
466	Practice and Difficulty Evoke Anatomically and Pharmacologically Dissociable Brain Activation Dynamics. <i>Cerebral Cortex</i> , 2003, 13, 144-154.	1.6	44
467	A Rapid Increase in the Total Number of Cell Surface Functional GABAA Receptors Induced by Brain-derived Neurotrophic Factor in Rat Visual Cortex. <i>Journal of Biological Chemistry</i> , 2003, 278, 44097-44102.	1.6	56
468	Depersonalization Disorder: A Functional Neuroanatomical Perspective. <i>Stress</i> , 2003, 6, 157-165.	0.8	48
469	Gamblers' irrational thinking about chance events: the "double switching" concept. <i>International Gambling Studies</i> , 2003, 3, 149-161.	1.3	50
470	Facilitation of dendritic mRNA transport by CPEB. <i>Genes and Development</i> , 2003, 17, 638-653.	2.7	235
471	BREATHING: Rhythmicity, Plasticity, Chemosensitivity. <i>Annual Review of Neuroscience</i> , 2003, 26, 239-266.	5.0	759
472	Effects of cigarette smoking on reward responsivity and cognitive function in brain injured individuals. <i>Neuropsychological Rehabilitation</i> , 2003, 13, 365-378.	1.0	9
473	Psychosis as a State of Aberrant Salience: A Framework Linking Biology, Phenomenology, and Pharmacology in Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 13-23.	4.0	2,311

#	ARTICLE	IF	CITATIONS
474	Suppression of cortical representation through backward conditioning. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1405-1408.	3.3	39
475	NF-E2-related Factor-2 Mediates Neuroprotection against Mitochondrial Complex I Inhibitors and Increased Concentrations of Intracellular Calcium in Primary Cortical Neurons. Journal of Biological Chemistry, 2003, 278, 37948-37956.	1.6	279
476	SAVANT-LIKE SKILLS EXPOSED IN NORMAL PEOPLE BY SUPPRESSING THE LEFT FRONTO-TEMPORAL LOBE. Journal of Integrative Neuroscience, 2003, 02, 149-158.	0.8	101
477	An imbalance in antioxidant defense affects cellular function: the pathophysiological consequences of a reduction in antioxidant defense in the glutathione peroxidase-1 (Gpx1) knockout mouse. Redox Report, 2003, 8, 69-79.	1.4	85
478	Lateralization of Prefrontal Activity during Episodic Memory Retrieval: Evidence for the Production-Monitoring Hypothesis. Journal of Cognitive Neuroscience, 2003, 15, 249-259.	1.1	192
479	Learning Optimized Features for Hierarchical Models of Invariant Object Recognition. Neural Computation, 2003, 15, 1559-1588.	1.3	142
480	Oxytocin and Vasopressin V1a and V2 Receptors Form Constitutive Homo- and Heterodimers during Biosynthesis. Molecular Endocrinology, 2003, 17, 677-691.	3.7	296
481	Pharmacogenomic Analysis of Mechanisms Mediating Ethanol Regulation of Dopamine β -Hydroxylase. Journal of Biological Chemistry, 2003, 278, 38860-38869.	1.6	29
482	The R7 Subfamily of RGS Proteins Assists Tachyphylaxis and Acute Tolerance at μ -Opioid Receptors. Neuropsychopharmacology, 2003, 28, 1983-1990.	2.8	66
483	Opioid Receptor Oligomerization: Detection and Functional Characterization of Interacting Receptors. , 2003, 84, 157-184.		36
484	Motor function under lower and higher controlled processing demands in early and continuously treated phenylketonuria.. Neuropsychology, 2003, 17, 369-379.	1.0	58
485	Reproduction of Seen Actions: Stimulus-Selective Learning. Perception, 2003, 32, 839-854.	0.5	11
486	Spatial Integration in Glass Patterns. Perception, 2003, 32, 1211-1220.	0.5	17
487	Involvement of CLOCK:BMAL1 heterodimer in serum-responsive mPer1 induction. NeuroReport, 2003, 14, 15-19.	0.6	29
488	Overexpression of Rat Heat Shock Protein 70 Reduces Neuronal Injury after Transient Focal Ischemia, Transient Global Ischemia, or Kainic Acid-induced Seizures. Neurosurgery, 2003, 53, 1179-1188.	0.6	107
489	A Comparison of Macaque Behavior and Superior Colliculus Neuronal Activity to Predictions From Models of Two-Choice Decisions. Journal of Neurophysiology, 2003, 90, 1392-1407.	0.9	333
490	Les M ^o talloprot ^o ases de la matrice et leurs inhibiteurs, des modulateurs des interactions neuro-immunes et des processus physiopathologiques dans le syst ^e me nerveux. Soci ^e t ^e De Biologie Journal, 2003, 197, 133-144.	0.3	9
491	Genesis and Control of the Respiratory Rhythm in Adult Mammals. Physiology, 2003, 18, 23-28.	1.6	10

#	ARTICLE	IF	CITATIONS
492	Deaf Adults Without Attention Deficit Hyperactivity Disorder Display Reduced Perceptual Sensitivity and Elevated Impulsivity on the Test of Variables of Attention (T.O.V.A.). Journal of Speech, Language, and Hearing Research, 2003, 46, 1166-1183.	0.7	48
493	The disintegrin-like metalloproteinase ADAM10 is involved in constitutive cleavage of CX3CL1 (fractalkine) and regulates CX3CL1-mediated cell-cell adhesion. Blood, 2003, 102, 1186-1195.	0.6	624
494	Evidence for preserved emotional memory in normal older persons.. Emotion, 2003, 3, 239-253.	1.5	197
495	Oxidative Stress and Huntingtonâ€™s Disease. Oxidative Stress and Disease, 2003, , .	0.3	0
496	Decreased Striatal Dopamine D1Receptor- Stimulated Adenylyl Cyclase Activity in Human Methamphetamine Users. American Journal of Psychiatry, 2003, 160, 896-903.	4.0	44
497	Experiments to Test the Role of Phosphatidylinositol 4,5-Bisphosphate in Neurotransmitter-Induced M-Channel Closure in Bullfrog Sympathetic Neurons. Journal of Neuroscience, 2003, 23, 4931-4941.	1.7	59
498	Possible Involvement of P2Y ₂ Metabotropic Receptors in ATP-Induced Transient Receptor Potential Vanilloid Receptor 1-Mediated Thermal Hypersensitivity. Journal of Neuroscience, 2003, 23, 6058-6062.	1.7	217
499	The Fundamental Computational Biases of Human Cognition: Heuristics That (Sometimes) Impair Decision Making and Problem Solving. , 2003, , 291-342.		48
500	Light Stimulates a Transducin-Independent Increase of Cytoplasmic Ca ²⁺ and Suppression of Current in Cones from the Zebrafish Mutant <i>noh</i> . Journal of Neuroscience, 2003, 23, 470-480.	1.7	101
501	Identification and Characterization of Aplysia Adducin, an Aplysia Cytoskeletal Protein Homologous to Mammalian Adducins: Increased Phosphorylation at a Protein Kinase C Consensus Site during Long-Term Synaptic Facilitation. Journal of Neuroscience, 2003, 23, 2675-2685.	1.7	13
502	Regulation of Î²-Opioid Receptor Trafficking via Î¼-Opioid Receptor Stimulation: Evidence from Î¼-Opioid Receptor Knock-Out Mice. Journal of Neuroscience, 2003, 23, 4888-4898.	1.7	116
503	State-Dependent Processing of Sensory Stimuli by Thalamic Reticular Neurons. Journal of Neuroscience, 2003, 23, 5264-5271.	1.7	49
504	Concerted GABAergic Actions of Aplysia Feeding Interneurons in Motor Program Specification. Journal of Neuroscience, 2003, 23, 5283-5294.	1.7	67
505	Dopaminergic Modulation of Axon Collaterals Interconnecting Spiny Neurons of the Rat Striatum. Journal of Neuroscience, 2003, 23, 8931-8940.	1.7	146
506	Glutamine and glutamate as vital metabolites. Brazilian Journal of Medical and Biological Research, 2003, 36, 153-163.	0.7	276
507	Developmental Modulation of Retinal Wave Dynamics: Shedding Light on the GABA Saga. Journal of Neuroscience, 2003, 23, 7621-7629.	1.7	87
508	Spinal Glia and Proinflammatory Cytokines Mediate Mirror-Image Neuropathic Pain in Rats. Journal of Neuroscience, 2003, 23, 1026-1040.	1.7	643
509	The Similarities and Diversities of Signal Pathways Leading to Consolidation of Conditioning and Consolidation of Extinction of Fear Memory. Journal of Neuroscience, 2003, 23, 8310-8317.	1.7	232

#	ARTICLE	IF	CITATIONS
510	The contribution of genetically manipulated animals to the study of stimulant and alcohol addiction. , 2003, , 421-446.		0
511	Effects of eosinophils on nerve cell morphology and development: the role of reactive oxygen species and p38 MAP kinase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L915-L924.	1.3	37
512	Contribution of Synaptic Depression to Phase Maintenance in a Model Rhythmic Network. Journal of Neurophysiology, 2003, 90, 3513-3528.	0.9	50
513	Effects of Age and Experience on the Development of Neurocognitive Systems. , 2003, , 225-III.		1
514	Receptor Subtypes Involved in the Presynaptic and Postsynaptic Actions of Dopamine on Striatal Interneurons. Journal of Neuroscience, 2003, 23, 6245-6254.	1.7	209
515	Self-Organizing Neural Integrator Predicts Interval Times through Climbing Activity. Journal of Neuroscience, 2003, 23, 5342-5353.	1.7	167
516	Activation of Î²1-Adrenoceptors Excites Striatal Cholinergic Interneurons through a cAMP-Dependent, Protein Kinase-Independent Pathway. Journal of Neuroscience, 2003, 23, 5272-5282.	1.7	45
517	Pathway-Specific Differences in Subunit Composition of Synaptic NMDA Receptors on Pyramidal Neurons in Neocortex. Journal of Neuroscience, 2003, 23, 10074-10083.	1.7	111
518	Differential Effects of Short- and Long-Term Potentiation on Cell Firing in the CA1 Region of the Hippocampus. Journal of Neuroscience, 2003, 23, 112-121.	1.7	46
519	Integration-differentiation and gating of carotid afferent traffic that shapes the respiratory pattern. Journal of Applied Physiology, 2003, 94, 1213-1229.	1.2	28
520	Presynaptic Remodeling Contributes to Activity-Dependent Synaptogenesis. Journal of Neuroscience, 2003, 23, 8498-8505.	1.7	136
521	Functionalâ€“Anatomic Correlates of Sustained and Transient Processing Components Engaged during Controlled Retrieval. Journal of Neuroscience, 2003, 23, 8460-8470.	1.7	181
522	cAMP-dependent Protein Kinase. , 2003, , 471-477.		0
523	Functional Neuroanatomy of Human Emotion. , 2004, , 365-396.		2
524	Accumbal Neural Responses During the Initiation and Maintenance of Intravenous Cocaine Self-Administration. Journal of Neurophysiology, 2004, 91, 314-323.	0.9	46
525	Protection by Pyruvate of Rat Retinal Cells against Zinc Toxicity In Vitro, and Pressure-Induced Ischemia In Vivo. Investigative Ophthalmology and Visual Science, 2004, 45, 1523-1530.	3.3	72
526	The Neurobiology of Selenium: Lessons from Transgenic Mice. Journal of Nutrition, 2004, 134, 707-710.	1.3	90
527	Eyewitness Testimony. , 2004, , 889-894.		1

#	ARTICLE	IF	CITATIONS
528	Dissociating fear and disgust: implications for the structure of emotions. , 2004, , 149-171.		3
529	Pharmacological Findings on the Biochemical Bases of Memory Processes: A General View. Neural Plasticity, 2004, 11, 159-189.	1.0	42
530	Purification and In Vitro Functional Analysis of R7 Subfamily RGS Proteins in Complex with G \hat{i} 25. Methods in Enzymology, 2004, 390, 163-177.	0.4	4
531	Assays of Nuclear Localization of R7/G \hat{i} 25 Complexes. Methods in Enzymology, 2004, 390, 210-223.	0.4	4
532	Manipulation of Antioxidant Pathways in Neonatal Murine Brain. Pediatric Research, 2004, 56, 656-662.	1.1	97
533	Coexpression of Fractalkine and Its Receptor in Normal Human Endometrium and in Endometrium from Users of Progestin-Only Contraception Supports a Role for Fractalkine in Leukocyte Recruitment and Endometrial Remodeling. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6119-6129.	1.8	82
534	THE PHYSIOLOGY OF PERFORMANCE, STRESS, AND READINESS. Advances in Human Performance and Cognitive Engineering Research, 2004, , 267-305.	0.5	0
535	Intra-Amygdala Muscimol Injections Impair Freezing and Place Avoidance in Aversive Contextual Conditioning. Learning and Memory, 2004, 11, 436-446.	0.5	22
536	Coordinate high-frequency pattern of stimulation and calcium levels control the induction of LTP in striatal cholinergic interneurons. Learning and Memory, 2004, 11, 755-760.	0.5	23
537	Identification of the Genes that are Expressed in the Upper Layers of the Neocortex. Cerebral Cortex, 2004, 14, 1144-1152.	1.6	58
538	Translational Control at the Synapse. Neuroscientist, 2004, 10, 456-466.	2.6	50
539	Respiratory-Like Rhythmic Activity Can Be Produced by an Excitatory Network of Non-Pacemaker Neuron Models. Journal of Neurophysiology, 2004, 92, 686-699.	0.9	29
540	An RNA-interacting Protein, SYNCRIP (Heterogeneous Nuclear Ribonuclear Protein Q1/NSAP1) Is a Component of mRNA Granule Transported with Inositol 1,4,5-Trisphosphate Receptor Type 1 mRNA in Neuronal Dendrites. Journal of Biological Chemistry, 2004, 279, 53427-53434.	1.6	93
541	Emotional memory and perception in temporal lobectomy patients with amygdala damage. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 593-599.	0.9	87
542	CONCEPT FORMATION: 'OBJECT' ATTRIBUTES DYNAMICALLY INHIBITED FROM CONSCIOUS AWARENESS. Journal of Integrative Neuroscience, 2004, 03, 31-46.	0.8	56
543	Patent Ductus Venosus and Dioxin Resistance in Mice Harboring a Hypomorphic Arnt Allele. Journal of Biological Chemistry, 2004, 279, 16326-16331.	1.6	109
544	Molecular Actions of Selenium in the Brain: Neuroprotective Mechanisms of an Essential Trace Element. Reviews in the Neurosciences, 2004, 15, 19-32.	1.4	37
545	Graphical models for brain connectivity from functional imaging data. , 0, ,		1

#	ARTICLE	IF	CITATIONS
546	Deletion of the synaptic protein interaction site of the N-type (CaV2.2) calcium channel inhibits secretion in mouse pheochromocytoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15219-15224.	3.3	42
547	Genetic evidence for the bidirectional modulation of synaptic plasticity in the prefrontal cortex by D1 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3236-3241.	3.3	199
548	Parietal cortex and representation of the mental Self. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6827-6832.	3.3	510
549	An egr-1 (zif268) Antisense Oligodeoxynucleotide Infused Into the Amygdala Disrupts Fear Conditioning. <i>Learning and Memory</i> , 2004, 11, 617-624.	0.5	98
550	Ca ²⁺ /calmodulin-dependent protein kinase II potentiates ATP responses by promoting trafficking of P2X receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11868-11873.	3.3	69
551	Dopamine D1 and D2 Receptor Co-activation Generates a Novel Phospholipase C-mediated Calcium Signal. <i>Journal of Biological Chemistry</i> , 2004, 279, 35671-35678.	1.6	391
552	Neuronal Synchronization and Selective Color Processing in the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 503-522.	1.1	181
553	Prefrontal Cortex Activity Associated with Source Monitoring in a Working Memory Task. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 921-934.	1.1	98
554	Regulation of exocytosis by purinergic receptors in pancreatic duct epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C573-C579.	2.1	33
555	Octodon degus: A Diurnal, Social, and Long-lived Rodent. <i>ILAR Journal</i> , 2004, 45, 14-24.	1.8	86
556	Skeletal muscle adaptation in response to voluntary running in Ca ²⁺ /calmodulin-dependent protein kinase IV-deficient mice. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1311-C1319.	2.1	109
557	Post-pubertal Emergence of Prefrontal Cortical Up States Induced by D1-NMDA Co-activation. <i>Cerebral Cortex</i> , 2004, 15, 49-57.	1.6	151
558	The 3-D Prefrontal Cortex: Hemispheric Asymmetries in Prefrontal Activity and Their Relation to Memory Retrieval Processes. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 903-907.	1.1	21
559	Context-dependent Deactivation of the Amygdala during Pain. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1289-1301.	1.1	90
560	Brain Activity during Episodic Retrieval of Autobiographical and Laboratory Events: An fMRI Study using a Novel Photo Paradigm. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1583-1594.	1.1	352
561	A chimeric opioid peptide with mixed μ agonist/ κ antagonist properties. <i>Chemical Biology and Drug Design</i> , 2004, 63, 63-68.	1.2	26
562	Latent inhibition of cued fear conditioning: an NMDA receptor-dependent process that can be established in the presence of anisomycin. <i>European Journal of Neuroscience</i> , 2004, 20, 818-826.	1.2	20
563	Functional Brain Mapping of Extraversion and Neuroticism: Learning From Individual Differences in Emotion Processing. <i>Journal of Personality</i> , 2004, 72, 1105-1132.	1.8	213

#	ARTICLE	IF	CITATIONS
564	A test of the integrity of the components of Baddeley's model of working memory in attention-deficit/hyperactivity disorder (ADHD). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004, 45, 912-926.	3.1	90
565	Left and right superior parietal lobule in tactile object discrimination. <i>European Journal of Neuroscience</i> , 2004, 19, 1067-1072.	1.2	81
566	Men and women differ in amygdala response to visual sexual stimuli. <i>Nature Neuroscience</i> , 2004, 7, 411-416.	7.1	562
567	Synchrony and covariation of firing rates in the primary visual cortex during contour grouping. <i>Nature Neuroscience</i> , 2004, 7, 982-991.	7.1	160
568	Oxidative stress in neurodegeneration: cause or consequence?. <i>Nature Medicine</i> , 2004, 10, S18-S25.	15.2	1,562
569	Agonist-dependence of recovery from desensitization of P2X3 receptors provides a novel and sensitive approach for their rapid up or downregulation. <i>British Journal of Pharmacology</i> , 2004, 141, 1048-1058.	2.7	48
570	Ionotropic Glutamate Receptor Antagonists Modulate Cue-Induced Reinstatement of Ethanol-Seeking Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 558-565.	1.4	106
571	Contribution of GABAergic inhibition to synaptic responses and LTD early in postnatal development in the rat superior colliculus. <i>European Journal of Neuroscience</i> , 2004, 20, 1331-1340.	1.2	11
572	Shorter latencies for motion trajectories than for flashes in population responses of cat primary visual cortex. <i>Journal of Physiology</i> , 2004, 556, 971-982.	1.3	105
573	Extrasynaptic NR2B and NR2D subunits of NMDA receptors shape $\hat{\epsilon}$ superslow $\hat{\epsilon}$ ™ afterburst EPSC in rat hippocampus. <i>Journal of Physiology</i> , 2004, 558, 451-463.	1.3	142
574	Cochlear function in Prestin knockout mice. <i>Journal of Physiology</i> , 2004, 560, 821-830.	1.3	136
575	Plasticity of GABAergic synapses in the neonatal rat hippocampus. <i>Journal of Cellular and Molecular Medicine</i> , 2004, 8, 31-37.	1.6	19
576	Effects of Alzheimer disease on memory for verbal emotional information. <i>Neuropsychologia</i> , 2004, 42, 791-800.	0.7	81
577	On the role of response conflicts and stimulus position for hemispheric differences in global/local processing: an ERP study. <i>Neuropsychologia</i> , 2004, 42, 1805-1813.	0.7	80
578	Morphine inhibits Fc-mediated phagocytosis through mu and delta opioid receptors. <i>Journal of Neuroimmunology</i> , 2004, 147, 131-133.	1.1	32
579	Disruption of Gi/o protein signaling in the nucleus accumbens results in a D1 dopamine receptor-mediated hyperactivity. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 79, 93-99.	1.3	5
580	Mouse models to study G-protein-mediated signaling. , 2004, 101, 75-89.		56
581	Motion velocity thresholds in deaf signers: changes in lateralization but not in overall sensitivity. <i>Cognitive Brain Research</i> , 2004, 21, 1-10.	3.3	63

#	ARTICLE	IF	CITATIONS
582	Characterisation of Gs activation by dopamine D1 receptors using an antibody capture assay: antagonist properties of clozapine. <i>European Journal of Pharmacology</i> , 2004, 485, 111-117.	1.7	17
583	Cabergoline protects SH-SY5Y neuronal cells in an in vitro model of ischemia. <i>European Journal of Pharmacology</i> , 2004, 489, 157-165.	1.7	31
584	Amitriptyline produces multiple influences on the peripheral enhancement of nociception by P2X receptors. <i>European Journal of Pharmacology</i> , 2004, 499, 275-283.	1.7	2
585	Reactive oxygen species induce different cell death mechanisms in cultured neurons. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1112-1125.	1.3	171
586	Gamma-hydroxybutyrate and ethanol depress spontaneous excitatory postsynaptic currents in dopaminergic neurons of the substantia nigra. <i>Brain Research</i> , 2004, 997, 62-66.	1.1	23
587	Levels of brain-derived neurotrophic factor and neurotrophin-4 in lumbar motoneurons after low-thoracic spinal cord hemisection. <i>Brain Research</i> , 2004, 1013, 174-181.	1.1	40
588	Cell signalling through thromboxane A2 receptors. <i>Cellular Signalling</i> , 2004, 16, 521-533.	1.7	176
589	Learning to Predict Through Adaptation. <i>Neuroinformatics</i> , 2004, 2, 361-366.	1.5	3
590	RGSZ1 and GAIP Regulate μ - but Not δ -Opioid Receptors in Mouse CNS: Role in Tachyphylaxis and Acute Tolerance. <i>Neuropsychopharmacology</i> , 2004, 29, 1091-1104.	2.8	59
591	Novel Bursting Patterns Emerging from Model Inhibitory Networks with Synaptic Depression. <i>Journal of Computational Neuroscience</i> , 2004, 17, 31-45.	0.6	7
592	Mathematical Simulation of the Induction of Long-Term Depression in Cerebellar Purkinje Cells. <i>Neuroscience and Behavioral Physiology</i> , 2004, 34, 115-121.	0.2	2
593	Increased Formation of Reactive Oxygen Species, but No Changes in Glutathione Peroxidase Activity, in Striata of Mice Transgenic for the Huntington's Disease Mutation. <i>Neurochemical Research</i> , 2004, 29, 729-733.	1.6	140
594	The Amygdala Modulates Hippocampus-Dependent Context Memory Formation and Stores Cue-Shock Associations.. <i>Behavioral Neuroscience</i> , 2004, 118, 53-62.	0.6	92
595	How we use rules to select actions: A review of evidence from cognitive neuroscience. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 564-579.	1.0	349
596	Neuronal pathology in Parkinson's disease. <i>Cell and Tissue Research</i> , 2004, 318, 135-147.	1.5	79
597	The inhibition of acquired fear. <i>Neurotoxicity Research</i> , 2004, 6, 175-188.	1.3	34
598	Plasticity at hippocampal to prefrontal cortex synapses is impaired by loss of dopamine and stress: Importance for psychiatric diseases. <i>Neurotoxicity Research</i> , 2004, 6, 233-244.	1.3	123
599	Pharmacogenetic studies of alcohol self-administration and withdrawal. <i>Psychopharmacology</i> , 2004, 174, 539-60.	1.5	33

#	ARTICLE	IF	CITATIONS
600	Pharmacological manipulation of human working memory. <i>Psychopharmacology</i> , 2004, 174, 126-35.	1.5	77
601	Methylphenidate restores visual memory, but not working memory function in attention deficit-hyperkinetic disorder. <i>Psychopharmacology</i> , 2004, 175, 319-330.	1.5	82
602	Changes in PKA activity and Gs β and Golf β levels after amphetamine- and cocaine-induced behavioral sensitization. <i>Synapse</i> , 2004, 51, 241-248.	0.6	35
603	Long-term depression in horizontal slices of the rat lateral amygdala. <i>Synapse</i> , 2004, 53, 141-150.	0.6	24
604	Selenium and selenoproteins in the brain and brain diseases. <i>Journal of Neurochemistry</i> , 2004, 86, 1-12.	2.1	362
605	Functional neural anatomy of talent. <i>The Anatomical Record</i> , 2004, 277B, 21-36.	2.3	34
606	Detection of novelty, but not memory of spatial habituation, is associated with an increase in phosphorylated cAMP response element-binding protein levels in the hippocampus. <i>Hippocampus</i> , 2004, 14, 117-123.	0.9	35
607	Alterations in calretinin immunostaining in the ferret superior olivary complex after cochlear ablation. <i>Journal of Comparative Neurology</i> , 2004, 470, 63-79.	0.9	35
608	Oscillatory calcium responses mediated by P2Y2 purinergic receptors in terminal Schwann cells of longitudinal lanceolate endings isolated from rat vibrissae. <i>Journal of Comparative Neurology</i> , 2004, 475, 416-425.	0.9	12
609	Low density of membrane particles in auditory hair cells of lizards and birds suggests an absence of somatic motility. <i>Journal of Comparative Neurology</i> , 2004, 479, 149-155.	0.9	30
610	Reexpression of the TJ protein CLDN1 induces apoptosis in breast tumor spheroids. <i>International Journal of Cancer</i> , 2004, 108, 374-383.	2.3	108
611	Hierarchical self-organization of minicolumnar receptive fields. <i>Neural Networks</i> , 2004, 17, 1377-1389.	3.3	10
612	Generative modelling of regulated dynamical behavior in cultured neuronal networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 335, 249-278.	1.2	41
613	Effect of D-003 on a Subconvulsive Dose of Kainic Acid in Rats. <i>Drugs in R and D</i> , 2004, 5, 331-336.	1.1	1
614	Mechanisms of visuospatial orienting in deafness. <i>European Journal of Cognitive Psychology</i> , 2004, 16, 791-805.	1.3	49
615	Levels of brain-derived neurotrophic factor and neurotrophin-4 in lumbar motoneurons after low-thoracic spinal cord hemisection. <i>Brain Research</i> , 2004, 1013, 174-174.	1.1	2
616	Integrated technology for evaluation of brain function and neural plasticity. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2004, 15, 263-306.	0.7	129
617	Biomechanical and perceptual constraints on the bandwidth requirements of sign language. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2004, 12, 65-72.	2.7	15

#	ARTICLE	IF	CITATIONS
618	The Neurobiology of Conditioned and Unconditioned Fear: A Neurobehavioral System Analysis of the Amygdala. Behavioral and Cognitive Neuroscience Reviews, 2004, 3, 23-41.	3.9	175
619	Role of Hydrogen Peroxide in the Aetiology of Alzheimer's Disease. Drugs and Aging, 2004, 21, 81-100.	1.3	113
620	Cellular Distribution and Functions of P2 Receptor Subtypes in Different Systems. International Review of Cytology, 2004, 240, 31-304.	6.2	677
621	Dopamine Receptor Signaling. Journal of Receptor and Signal Transduction Research, 2004, 24, 165-205.	1.3	694
622	THE AMYGDALA MODULATES THE CONSOLIDATION OF MEMORIES OF EMOTIONALLY AROUSING EXPERIENCES. Annual Review of Neuroscience, 2004, 27, 1-28.	5.0	1,942
623	Selenium and brain function: a poorly recognized liaison. Brain Research Reviews, 2004, 45, 164-178.	9.1	281
624	Sparing of behavior and basal extracellular dopamine after 6-hydroxydopamine lesions of the nigrostriatal pathway in rats exposed to a prelesion sensitizing regimen of amphetamine. Experimental Neurology, 2004, 189, 78-93.	2.0	23
625	A pilot trial of topiramate for the treatment of cocaine dependence. Drug and Alcohol Dependence, 2004, 75, 233-240.	1.6	278
626	Separating item-related electrophysiological indices of retrieval effort and retrieval orientation. Brain and Cognition, 2004, 55, 433-443.	0.8	29
627	Diversity in protein-protein interactions of connexins: emerging roles. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1662, 22-41.	1.4	127
628	Repeated intracerebroventricular forskolin administration enhances behavioral sensitization to cocaine. Behavioural Brain Research, 2004, 153, 255-260.	1.2	15
629	Rho/ROCK and Cdk5 effects on phosphorylation of a β -thymosin repeat protein in Hermisenda. Biochemical and Biophysical Research Communications, 2004, 323, 395-401.	1.0	10
630	Learning motion discrimination with suppressed MT. Vision Research, 2004, 44, 1817-1825.	0.7	22
631	IL-1 β regulates expression of Cx32, occludin, and claudin-2 of rat hepatocytes via distinct signal transduction pathways. Experimental Cell Research, 2004, 299, 427-441.	1.2	65
632	Genetic influence on variability in human acute experimental pain sensitivity associated with gender, ethnicity and psychological temperament. Pain, 2004, 109, 488-496.	2.0	355
633	Peripheral P2X receptors and nociception: interactions with biogenic amine systems. Pain, 2004, 110, 79-89.	2.0	25
634	Development of tactile allodynia and thermal hyperalgesia by intrathecally administered platelet-activating factor in mice. Pain, 2004, 111, 351-359.	2.0	56
635	DARPP-32 and modulation of cAMP signaling: involvement in motor control and levodopa-induced dyskinesia. Parkinsonism and Related Disorders, 2004, 10, 281-286.	1.1	48

#	ARTICLE	IF	CITATIONS
636	mCPP-induced hyperactivity in 5-HT _{2C} receptor mutant mice is mediated by activation of multiple 5-HT receptor subtypes. <i>Neuropharmacology</i> , 2004, 46, 663-671.	2.0	48
637	A functional magnetic resonance imaging study of local/global processing with stimulus presentation in the peripheral visual hemifields. <i>Neuroscience</i> , 2004, 124, 113-120.	1.1	89
638	Bcl-2 immunoreactive neurons are differentially distributed in subregions of the amygdala and hippocampus of the adult macaque. <i>Neuroscience</i> , 2004, 127, 539-556.	1.1	34
639	EEG alpha power changes reflect response inhibition deficits after traumatic brain injury (TBI) in humans. <i>Neuroscience Letters</i> , 2004, 362, 1-5.	1.0	64
641	Overexpression of CREB reduces CRE-mediated transcription: behavioral and cellular analyses in transgenic mice. <i>Molecular and Cellular Neurosciences</i> , 2004, 25, 602-611.	1.0	12
642	NEURONAL CIRCUITS OF THE NEOCORTEX. <i>Annual Review of Neuroscience</i> , 2004, 27, 419-451.	5.0	1,566
643	Disruption of type 5 adenylyl cyclase negates the developmental increase in G α olf expression in the striatum. <i>FEBS Letters</i> , 2004, 564, 153-156.	1.3	17
644	Cognitive Dysfunction in Parkinson's Disease: The Role of Frontostriatal Circuitry. <i>Neuroscientist</i> , 2004, 10, 525-537.	2.6	430
645	Dissociable effects of arousal and valence on prefrontal activity indexing emotional evaluation and subsequent memory: an event-related fMRI study. <i>NeuroImage</i> , 2004, 23, 64-74.	2.1	394
646	Redox signaling in central neural regulation of cardiovascular function. <i>Progress in Biophysics and Molecular Biology</i> , 2004, 84, 125-149.	1.4	109
647	The 23rd Scientific Meeting of the Hong Kong Society of Neurosciences. <i>Neuroscience Letters</i> , 2004, 370, 1-39.	1.0	12
648	Anxiogenic effects in the rat elevated plus-maze of 5-HT _{2C} agonists into ventral but not dorsal hippocampus. <i>Behavioural Pharmacology</i> , 2004, 15, 37-43.	0.8	90
649	Changes in Working Memory After Traumatic Brain Injury in Children.. <i>Neuropsychology</i> , 2004, 18, 240-247.	1.0	94
650	Developmental plasticity of photoreceptors. <i>Progress in Brain Research</i> , 2004, 144, 1-19.	0.9	4
651	Single-Neuron Discharge Properties and Network Activity in Dissociated Cultures of Neocortex. <i>Journal of Neurophysiology</i> , 2004, 92, 977-996.	0.9	87
652	Neuronal Energy Metabolism in Brain: Astrocyte as both Metabolic "Buffer" and Mediator of Neuronal Injury. , 2004, , 277-302.		0
653	Afferent Input Modulates Neurotrophins and Synaptic Plasticity in the Spinal Cord. <i>Journal of Neurophysiology</i> , 2004, 92, 3423-3432.	0.9	71
654	Small-Conductance Ca ²⁺ -Dependent K ⁺ Channels Are the Target of Spike-Induced Ca ²⁺ Release in a Feedback Regulation of Pyramidal Cell Excitability. <i>Journal of Neurophysiology</i> , 2004, 91, 2322-2329.	0.9	38

#	ARTICLE	IF	CITATIONS
655	How the mesencephalic locomotor region recruits hindbrain neurons. <i>Progress in Brain Research</i> , 2004, 143, 219-230.	0.9	7
656	Course 7 Activity-dependent transmission in neocortical synapses. <i>Les Houches Summer School Proceedings</i> , 2005, , 245-265.	0.2	6
657	Immediate Changes in Anticipatory Activity of Caudate Neurons Associated With Reversal of Position-Reward Contingency. <i>Journal of Neurophysiology</i> , 2005, 94, 1879-1887.	0.9	50
658	Advancing Circadian Rhythms Before Eastward Flight: A Strategy to Prevent or Reduce Jet Lag. <i>Sleep</i> , 2005, 28, 33-44.	0.6	120
659	Iron dysregulation and Parkinson's disease. <i>Journal of Alzheimer's Disease</i> , 2005, 6, S47-S52.	1.2	53
660	Optical Imaging of Large-Scale Correlated Wave Activity in the Developing Rat CNS. <i>Journal of Neurophysiology</i> , 2005, 94, 1606-1622.	0.9	26
661	Association analysis of CHMP1.5 genetic variation and bipolar disorder. <i>Psychiatric Genetics</i> , 2005, 15, 211-214.	0.6	3
662	Neuropsychological functioning in stimulant-naïve boys with hyperkinetic disorder. <i>Psychological Medicine</i> , 2005, 35, 1109-1120.	2.7	106
663	Pyramidal cell specialization in the occipitotemporal cortex of the vervet monkey. <i>NeuroReport</i> , 2005, 16, 967-970.	0.6	19
664	State-dependent executive deficits among psychopathic offenders. <i>Journal of the International Neuropsychological Society</i> , 2005, 11, 311-321.	1.2	20
665	Dissociating Processes Supporting Causal Perception and Causal Inference in the Brain.. <i>Neuropsychology</i> , 2005, 19, 591-602.	1.0	117
666	Delta Plots in the Study of Individual Differences: New Tools Reveal Response Inhibition Deficits in AD/HD That Are Eliminated by Methylphenidate Treatment.. <i>Journal of Abnormal Psychology</i> , 2005, 114, 197-215.	2.0	129
667	Modeling of slow glutamate diffusion and AMPA receptor activation in the cerebellar glomerulus. <i>Journal of Theoretical Biology</i> , 2005, 234, 363-382.	0.8	38
668	A systems approach to appraisal mechanisms in emotion. <i>Neural Networks</i> , 2005, 18, 317-352.	3.3	694
669	Common fronto-parietal activity in attention, memory, and consciousness: Shared demands on integration?. <i>Consciousness and Cognition</i> , 2005, 14, 390-425.	0.8	370
670	Response monitoring and expectancy in random serial RT tasks. <i>Acta Psychologica</i> , 2005, 119, 189-216.	0.7	14
671	Visual Spatial Attention Tracking Using High-Density SSVEP Data for Independent Brain-Computer Communication. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2005, 13, 172-178.	2.7	188
672	Heterodimerization of opioid receptor-like 1 and μ -opioid receptors impairs the potency of μ receptor agonist. <i>Journal of Neurochemistry</i> , 2005, 92, 1285-1294.	2.1	64

#	ARTICLE	IF	CITATIONS
673	Group I metabotropic glutamate receptors, mGlu1a and mGlu5a, couple to cyclic AMP response element binding protein (CREB) through a common Ca ²⁺ - and protein kinase C-dependent pathway. <i>Journal of Neurochemistry</i> , 2005, 93, 232-245.	2.1	25
674	Treatment of YAC128 mice and their wild-type littermates with cystamine does not lead to its accumulation in plasma or brain: implications for the treatment of Huntington disease. <i>Journal of Neurochemistry</i> , 2005, 94, 1087-1101.	2.1	52
675	Inhibition of thrombin-induced microglial activation and NADPH oxidase by minocycline protects dopaminergic neurons in the substantia nigra in vivo. <i>Journal of Neurochemistry</i> , 2005, 95, 1755-1765.	2.1	104
676	Time course of oxidative stress, lesion and edema after intrastriatal injection of malonate in rat: effect of alpha-phenyl-N-tert-butyl nitrone. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 57-64.	1.0	7
677	Learning in realistic networks of spiking neurons and spike-driven plastic synapses. <i>European Journal of Neuroscience</i> , 2005, 21, 3143-3160.	1.2	39
678	The control of responsiveness in ADHD by catecholamines: evidence for dopaminergic, noradrenergic and interactive roles. <i>Developmental Science</i> , 2005, 8, 122-131.	1.3	100
679	Immune regulation of central nervous system functions: from sickness responses to pathological pain. <i>Journal of Internal Medicine</i> , 2005, 257, 139-155.	2.7	313
680	Laboratory models of alcoholism: treatment target identification and insight into mechanisms. <i>Nature Neuroscience</i> , 2005, 8, 1471-1480.	7.1	92
681	Cochlear function in mice with only one copy of the prestin gene. <i>Journal of Physiology</i> , 2005, 569, 229-241.	1.3	45
682	Behavioral and neural mechanisms of compulsive drug seeking. <i>European Journal of Pharmacology</i> , 2005, 526, 77-88.	1.7	112
683	Suppression of alcohol self-administration and cue-induced reinstatement of alcohol seeking by the mGlu2/3 receptor agonist LY379268 and the mGlu8 receptor agonist (S)-3,4-DCPG. <i>European Journal of Pharmacology</i> , 2005, 528, 110-118.	1.7	122
684	Neural organization for recognition of grammatical and emotional facial expressions in deaf ASL signers and hearing nonsigners. <i>Cognitive Brain Research</i> , 2005, 22, 193-203.	3.3	92
685	EEG spectral dynamics during discrimination of auditory and visual targets. <i>Cognitive Brain Research</i> , 2005, 24, 81-96.	3.3	143
686	The control of memory retrieval: Insights from event-related potentials. <i>Cognitive Brain Research</i> , 2005, 24, 599-614.	3.3	38
687	Repetitive transcranial magnetic stimulation of dorsolateral prefrontal cortex increases tolerance to human experimental pain. <i>Cognitive Brain Research</i> , 2005, 25, 153-160.	3.3	129
688	Intracellular calcium stores contribute to increased susceptibility to LTD induction during aging. <i>Brain Research</i> , 2005, 1031, 125-128.	1.1	69
689	Melatonin protects against neuronal damage induced by 3-nitropropionic acid in rat striatum. <i>Brain Research</i> , 2005, 1046, 90-96.	1.1	54
690	Minocycline fails to protect cerebellar granular cell cultures against malonate-induced cell death. <i>Neurobiology of Disease</i> , 2005, 20, 384-391.	2.1	31

#	ARTICLE	IF	CITATIONS
691	Electrophysiological indices of strategic episodic retrieval processing. <i>Neuropsychologia</i> , 2005, 43, 1152-1162.	0.7	58
692	Brain activations associated with probability matching. <i>Neuropsychologia</i> , 2005, 43, 1598-1608.	0.7	14
693	Anterior prefrontal cortex and the recollection of contextual information. <i>Neuropsychologia</i> , 2005, 43, 1774-1783.	0.7	112
694	Emotional memory: Separating content and context. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 247-258.	0.9	50
695	Distribution within the barn owl's inferior colliculus of neurons projecting to the optic tectum and thalamus. <i>Journal of Comparative Neurology</i> , 2005, 492, 110-121.	0.9	14
696	Pyramidal neurons of granular prefrontal cortex of the galago: Complexity in evolution of the psychic cell in primates. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 285A, 610-618.	2.0	19
697	Specialization in pyramidal cell structure in the sensory-motor cortex of the Chacma baboon (<i>Papio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Discoveries in Molecular, Cellular, and Evolutionary Biology, 2005, 286A, 854-865.	2.0	14
698	The oxidative stress response of the yeast <i>Candida intermedia</i> to copper, zinc, and selenium exposure. <i>Journal of Basic Microbiology</i> , 2005, 45, 125-135.	1.8	55
699	NADPH oxidase produces reactive oxygen species and maintains survival of rat astrocytes. <i>Cell Biochemistry and Function</i> , 2005, 23, 93-100.	1.4	29
700	Neurocognitive effects of methylphenidate in adult attention-deficit/hyperactivity disorder. <i>Psychopharmacology</i> , 2005, 178, 286-295.	1.5	117
701	Effector antagonism by the regulators of G protein signalling (RGS) proteins causes desensitization of mu-opioid receptors in the CNS. <i>Psychopharmacology</i> , 2005, 180, 1-11.	1.5	39
702	The role of insulin and IGF-1 signaling in longevity. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 320-343.	2.4	150
703	Neuroprotective role of neurotrophins: Relationship between nerve growth factor and apoptotic cell survival pathway after cerebral ischemia. <i>Current Atherosclerosis Reports</i> , 2005, 7, 268-273.	2.0	10
704	Self-regulated Complexity in Neural Networks. <i>Natural Computing</i> , 2005, 4, 363-386.	1.8	8
705	The Effects of Systemic Administration of Selective Antagonists of Dopamine D1 and D2/D3 Receptors on Food-Related and Defensive (escape responses) Conditioned Paw-Placing Responses in Cats. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 649-653.	0.2	0
706	Mitochondrial metabolism of reactive oxygen species. <i>Biochemistry (Moscow)</i> , 2005, 70, 200-214.	0.7	1,008
707	Zinc dyshomeostasis: A key modulator of neuronal injury. <i>Journal of Alzheimer's Disease</i> , 2005, 8, 93-108.	1.2	100
708	Serotonin, dopamine, and cooperation. <i>Behavioral and Brain Sciences</i> , 2005, 28, .	0.4	1

#	ARTICLE	IF	CITATIONS
709	Modeling human behavioral traits and clarifying the construct of affiliation and its disorders. Behavioral and Brain Sciences, 2005, 28, .	0.4	4
710	Is all affiliation the same? Facilitation or complementarity?. Behavioral and Brain Sciences, 2005, 28, .	0.4	1
711	Trust: A temporary human attachment facilitated by oxytocin. Behavioral and Brain Sciences, 2005, 28, .	0.4	28
712	Cognitive Control and Schizophrenia: Psychological and Neural Mechanisms. , 2005, , 122-159.		9
713	The role of trait affiliation in human community. Behavioral and Brain Sciences, 2005, 28, .	0.4	1
714	Opioid bliss as the felt hedonic core of mammalian prosociality “ and of consummatory pleasure more generally?. Behavioral and Brain Sciences, 2005, 28, .	0.4	2
715	Affiliative reward and the ontogenetic bonding system. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
716	Mesolimbic-mesocortical loops may encode saliency, not just reward. Behavioral and Brain Sciences, 2005, 28, .	0.4	1
717	Affiliative drive: Could this be disturbed in childhood autism?. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
718	Neuropeptides influence expression of and capacity to form social bonds. Behavioral and Brain Sciences, 2005, 28, .	0.4	2
719	A nonhuman primate perspective on affiliation. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
720	Specificity of affiliation supported by neurotransmitter challenge tests and molecular genetics. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
721	Is the construct for human affiliation too narrow?. Behavioral and Brain Sciences, 2005, 28, .	0.4	4
722	Integrating genetic, behavioral, and psychometric research in conceptualizing human behavioral traits. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
723	Endogenous and exogenous opiates modulate the development of parent“infant attachment. Behavioral and Brain Sciences, 2005, 28, .	0.4	9
724	It's a long way up from comparative studies of animals to personality traits in humans. Behavioral and Brain Sciences, 2005, 28, .	0.4	7
725	Endogenous free radicals and antioxidants in the brain. , 2005, , 3-17.		0
726	Toxic animal models. , 2005, , 196-221.		9

#	ARTICLE	IF	CITATIONS
727	Serotonin and affiliative behavior. Behavioral and Brain Sciences, 2005, 28, .	0.4	6
728	Impaired hedonic capacity in major depressive disorder: Impact on affiliative behaviors. Behavioral and Brain Sciences, 2005, 28, .	0.4	0
729	Social bonds, motivational conflict, and altruism: Implications for neurobiology. Behavioral and Brain Sciences, 2005, 28, .	0.4	2
730	Deficits in affiliative reward: An endophenotype for psychiatric disorders?. Behavioral and Brain Sciences, 2005, 28, .	0.4	3
731	Use of herpes virus amplicon vectors to study brain disorders. BioTechniques, 2005, 39, 381-391.	0.8	133
732	Electrophysiological-anatomic correlates of ATP-triggered vagal reflex in the dog. V. Role of purinergic receptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R651-R655.	0.9	35
733	Chapter II Signal transduction of dopamine receptors. Handbook of Chemical Neuroanatomy, 2005, , 109-151.	0.3	5
734	C-Terminus of p47phox Is Required for Interaction with Leukocyte Type Rat 12-Lipoxygenase. Protein and Peptide Letters, 2005, 12, 295-297.	0.4	0
735	Regional Differences in Adaptation of CNS Mu Opioid Receptors to Chronic Opioid Agonist Administration. Current Neuropharmacology, 2005, 3, 157-182.	1.4	1
736	A Mini-Review of fMRI Studies of Human Medial Temporal Lobe Activity Associated with Recognition Memory. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2005, 58, 340-360.	2.8	153
737	The G Protein-Coupled Receptors Handbook. Contemporary Clinical Neuroscience, 2005, , .	0.3	5
738	Pituitary adenylate cyclase-activating polypeptide prevents the effects of ceramides on migration, neurite outgrowth, and cytoskeleton remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2637-2642.	3.3	63
739	Representation of Regular and Irregular Shapes in Macaque Inferotemporal Cortex. Cerebral Cortex, 2005, 15, 1308-1321.	1.6	73
740	Semantic activation within and across the cerebral hemispheres: What's left isn't right. Laterality, 2005, 10, 131-148.	0.5	19
742	Timing and velocity randomization similarly affect anticipatory pursuit. Journal of Vision, 2005, 5, 1-1.	0.1	68
743	Medication Development for Addictive Disorders: The State of the Science. American Journal of Psychiatry, 2005, 162, 1432-1440.	4.0	187
744	A Role for the Distal Carboxyl Tails in Generating the Novel Pharmacology and G Protein Activation Profile of μ and δ Opioid Receptor Hetero-oligomers. Journal of Biological Chemistry, 2005, 280, 38478-38488.	1.6	89
745	Chapter VII Role of cortical and striatal dopamine in cognitive function. Handbook of Chemical Neuroanatomy, 2005, 21, 395-434.	0.3	3

#	ARTICLE	IF	CITATIONS
746	Sex Differences in the Responses of the Human Amygdala. <i>Neuroscientist</i> , 2005, 11, 288-293.	2.6	176
747	Å-Adrenergic Receptor Activation Facilitates Induction of a Protein Synthesis-Dependent Late Phase of Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2005, 25, 3294-3303.	1.7	203
748	Remembering one year later: Role of the amygdala and the medial temporal lobe memory system in retrieving emotional memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2626-2631.	3.3	486
749	RNA splicing capability of live neuronal dendrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16859-16864.	3.3	102
750	Heterodimerization of μ - and δ -Opioid Receptors Occurs at the Cell Surface Only and Requires Receptor-G Protein Interactions. <i>Journal of Biological Chemistry</i> , 2005, 280, 11152-11164.	1.6	101
751	Opioid-induced tolerance and dependence in mice is modulated by the distance between pharmacophores in a bivalent ligand series. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 19208-19213.	3.3	278
752	Activation of group II metabotropic glutamate receptors induces depotentiation in amygdala slices and reduces fear-potentiated startle in rats. <i>Learning and Memory</i> , 2005, 12, 130-137.	0.5	43
753	Gap junction-mediated intercellular biochemical coupling in cochlear supporting cells is required for normal cochlear functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15201-15206.	3.3	136
754	The Auditory Midbrain in Bats and Birds. , 2005, , 493-536.		13
755	Localization of P2X and P2Y Receptors in Dorsal Root Ganglia of the Cat. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 1273-1282.	1.3	42
756	Regional Dendritic Variation in Neonatal Human Cortex: A Quantitative Golgi Study. <i>Developmental Neuroscience</i> , 2005, 27, 277-287.	1.0	76
757	Impaired recognition of scary music following unilateral temporal lobe excision. <i>Brain</i> , 2005, 128, 628-640.	3.7	149
758	Parallel amygdala and inferotemporal activation reflect emotional intensity and fear relevance. <i>NeuroImage</i> , 2005, 24, 1265-1270.	2.1	395
759	Dissociable brain activations during the retrieval of different kinds of spatial context memory. <i>NeuroImage</i> , 2005, 25, 993-1001.	2.1	24
760	Different neuronal pathways support the generation of general and specific mental images. <i>NeuroImage</i> , 2005, 27, 544-552.	2.1	34
761	The predictive power of trajectory motion. <i>Vision Research</i> , 2005, 45, 2993-3003.	0.7	11
762	Implicit Memory Development in School-Aged Children With Attention Deficit Hyperactivity Disorder (ADHD): Conceptual Priming Deficit?. <i>Developmental Neuropsychology</i> , 2005, 28, 779-807.	1.0	24
763	Dissociation of emotional processes in response to visual and olfactory stimuli following frontotemporal damage. <i>Neurocase</i> , 2005, 11, 114-128.	0.2	35

#	ARTICLE	IF	CITATIONS
764	Mitochondrial Inhibition and Oxidative Stress: Reciprocating Players in Neurodegeneration. Antioxidants and Redox Signaling, 2005, 7, 1117-1139.	2.5	75
765	Analyses of murine Postsynaptic Density-95 identify novel isoforms and potential translational control elements. Molecular Brain Research, 2005, 133, 143-152.	2.5	12
766	3-Nitropropionic acid-induced hydrogen peroxide, mitochondrial DNA damage, and cell death are attenuated by Bcl-2 overexpression in PC12 cells. Molecular Brain Research, 2005, 133, 215-223.	2.5	69
767	Production of homocysteine in serum-starved apoptotic PC12 cells depends on the activation and modification of Ras. Neuroscience Letters, 2005, 391, 56-61.	1.0	2
768	Electrophysiological and morphological properties of identified crossed tecto-reticular neurons in the rat superior colliculus. Neuroscience Research, 2005, 52, 174-184.	1.0	18
769	Promyelocytic leukemia zinc finger protein localizes to the cochlear outer hair cells and interacts with prestin, the outer hair cell motor protein. Hearing Research, 2005, 204, 216-222.	0.9	15
770	Relationships between cognitive characteristics of the job, age, and cognitive efficiency. International Congress Series, 2005, 1280, 43-48.	0.2	15
771	SNARC hunting: Examining number representation in deaf students. Learning and Individual Differences, 2005, 15, 223-236.	1.5	39
772	Synaptic localization of a functional NADPH oxidase in the mouse hippocampus. Molecular and Cellular Neurosciences, 2005, 29, 97-106.	1.0	192
773	Probability matching in the right hemisphere. Brain and Cognition, 2005, 57, 165-167.	0.8	11
774	Atypical lateralization of memory for location: Effects of deafness and sign language use. Brain and Cognition, 2005, 58, 226-239.	0.8	16
775	Sensory temporal processing in adults with early hearing loss. Brain and Cognition, 2005, 59, 173-182.	0.8	44
776	An intermittent, controlled-rate, slow progressive degeneration model of Parkinson's disease: antiparkinson effects of Sinemet and protective effects of methylphenidate. Behavioural Brain Research, 2005, 156, 201-213.	1.2	57
777	Visualization of the trimeric P2X2 receptor with a crown-capped extracellular domain. Biochemical and Biophysical Research Communications, 2005, 337, 998-1005.	1.0	45
778	The somatic marker hypothesis: A neural theory of economic decision. Games and Economic Behavior, 2005, 52, 336-372.	0.4	1,507
779	Abundant expression of zinc transporters in Bergman glia of mouse cerebellum. Brain Research Bulletin, 2005, 64, 441-448.	1.4	34
780	Dissociation of synaptic zinc level and zinc transporter 3 expression during postnatal development and after sensory deprivation in the barrel cortex of mice. Brain Research Bulletin, 2005, 66, 106-113.	1.4	12
781	Post-training intra-amygdala amphetamine injections given during acquisition of a stimulus-response (S-R) habit task enhance the expression of stimulus-reward learning: Further evidence for incidental amygdala learning. Brain Research Bulletin, 2005, 66, 222-228.	1.4	6

#	ARTICLE	IF	CITATIONS
782	Reduction in functional potency of the neurotoxin domoic acid in the presence of cadmium and zinc ions. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 175-181.	2.0	1
783	A novel azulenyl nitron antioxidant protects against MPTP and 3-nitropropionic acid neurotoxicities. <i>Experimental Neurology</i> , 2005, 191, 86-93.	2.0	40
784	Post-lesion transcommissural olivocerebellar reinnervation improves motor function following unilateral pedunculotomy in the neonatal rat. <i>Experimental Neurology</i> , 2005, 196, 254-265.	2.0	14
785	Changes in P2X3 receptor expression in the trigeminal ganglion following monoarthritis of the temporomandibular joint in rats. <i>Pain</i> , 2005, 116, 42-51.	2.0	73
786	Brain, aging and neurodegeneration: Role of zinc ion availability. <i>Progress in Neurobiology</i> , 2005, 75, 367-390.	2.8	236
787	The role of speed lines in subtle direction judgments. <i>Vision Research</i> , 2005, 45, 1629-1640.	0.7	8
788	Distracted and confused?: Selective attention under load. <i>Trends in Cognitive Sciences</i> , 2005, 9, 75-82.	4.0	1,681
789	Glia: novel counter-regulators of opioid analgesia. <i>Trends in Neurosciences</i> , 2005, 28, 661-669.	4.2	303
790	Monoaminergic dysregulation in glutathione-deficient mice: Possible relevance to schizophrenia?. <i>Neuroscience</i> , 2005, 132, 1055-1072.	1.1	38
791	Unilateral cochlear ablation in adult ferrets results in upregulation in calretinin immunostaining in the central nucleus of the inferior colliculus. <i>Neuroscience</i> , 2005, 136, 957-969.	1.1	17
792	Greater contribution of N-methyl-d-aspartic acid receptors in ventral compared to dorsal hippocampal slices in the expression and long-term maintenance of epileptiform activity. <i>Neuroscience</i> , 2005, 135, 765-779.	1.1	41
793	Chapter VI Dopamine, motivation and reward. <i>Handbook of Chemical Neuroanatomy</i> , 2005, 21, 303-394.	0.3	4
794	Neuroeconomics: How Neuroscience Can Inform Economics. <i>Journal of Economic Literature</i> , 2005, 43, 9-64.	4.5	1,533
795	A Meta-Analysis of Working Memory Impairments in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2005, 44, 377-384.	0.3	1,027
796	Amphetamine improves cognitive function in medicated individuals with schizophrenia and in healthy volunteers. <i>Schizophrenia Research</i> , 2005, 77, 43-58.	1.1	205
797	The Ventral Hippocampus Supports a Memory Representation of Context and Contextual Fear Conditioning: Implications for a Unitary Function of the Hippocampus.. <i>Behavioral Neuroscience</i> , 2005, 119, 154-163.	0.6	127
798	The mental self. <i>Progress in Brain Research</i> , 2005, 150, 197-594.	0.9	51
802	THE ACTIN CYTOSKELETON: Integrating Form and Function at the Synapse. <i>Annual Review of Neuroscience</i> , 2005, 28, 25-55.	5.0	364

#	ARTICLE	IF	CITATIONS
805	Redox Control of Neural Function: Background, Mechanisms, and Significance. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1941-1970.	2.5	80
806	Neuroplasticity as a Double-edged Sword: Deaf Enhancements and Dyslexic Deficits in Motion Processing. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 701-714.	1.1	91
807	Opsin Oligomerization in a Heterologous Cell System. <i>Journal of Receptor and Signal Transduction Research</i> , 2006, 26, 505-526.	1.3	25
808	Synaptic Regulation of Translation of Dendritic mRNAs. <i>Journal of Neuroscience</i> , 2006, 26, 7143-7146.	1.7	210
809	An fMRI investigation of short-term source memory in young and older adults. <i>NeuroImage</i> , 2006, 30, 627-633.	2.1	68
810	Learning functional structure from fMR images. <i>NeuroImage</i> , 2006, 31, 1601-1613.	2.1	74
811	Discriminating imagined from perceived information engages brain areas implicated in schizophrenia. <i>NeuroImage</i> , 2006, 32, 696-703.	2.1	83
812	Lateral Diffusion Anisotropy and Membrane Lipid/Skeleton Interaction in Outer Hair Cells. <i>Biophysical Journal</i> , 2006, 91, 364-381.	0.2	37
813	Oxidative Damage in Huntington's Disease Pathogenesis. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 2061-2073.	2.5	275
814	Savant-like Numerosity Skills Revealed in Normal People by Magnetic Pulses. <i>Perception</i> , 2006, 35, 837-845.	0.5	70
815	̑-Band Electroencephalographic Activity over Occipital Cortex Indexes Visuospatial Attention Bias and Predicts Visual Target Detection. <i>Journal of Neuroscience</i> , 2006, 26, 9494-9502.	1.7	1,303
816	NAD(P)H oxidase-induced oxidative stress in sympathetic ganglia of apolipoprotein E deficient mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2006, 126-127, 285-291.	1.4	7
817	Dissociation of event-related potentials indexing arousal and semantic cohesion during emotional word encoding. <i>Brain and Cognition</i> , 2006, 62, 43-57.	0.8	91
818	Right hemispheric dominance in processing of unconscious negative emotion. <i>Brain and Cognition</i> , 2006, 62, 261-266.	0.8	62
819	Protein synthesis inhibition in the basolateral amygdala following retrieval does not impair expression of morphine-associated conditioned place preference. <i>Behavioural Brain Research</i> , 2006, 171, 162-169.	1.2	36
820	Variants of the 5' untranslated region of human NCF2: Expression and translational efficiency. <i>Gene</i> , 2006, 366, 169-179.	1.0	18
821	Pre-stimulus EEG effects related to response speed, task switching and upcoming response hand. <i>Biological Psychology</i> , 2006, 72, 15-34.	1.1	55
822	Protective effect of S-allylcysteine on 3-nitropropionic acid-induced lipid peroxidation and mitochondrial dysfunction in rat brain synaptosomes. <i>Brain Research Bulletin</i> , 2006, 68, 379-383.	1.4	68

#	ARTICLE	IF	CITATIONS
823	Image statistics of American Sign Language: comparison with faces and natural scenes. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2085.	0.8	23
824	Rapid eye movement sleep deprivation revives a form of developmentally regulated synaptic plasticity in the visual cortex of post-critical period rats. <i>Neuroscience Letters</i> , 2006, 391, 96-101.	1.0	30
825	The expression of fractalkine in the endometrium during the menstrual cycle. <i>International Journal of Gynecology and Obstetrics</i> , 2006, 92, 242-247.	1.0	10
826	Layers of exercise hyperpnea: Modulation and plasticity. <i>Respiratory Physiology and Neurobiology</i> , 2006, 151, 251-266.	0.7	47
827	Ontogeny of central rhythm generation in chicks and rodents. <i>Respiratory Physiology and Neurobiology</i> , 2006, 154, 37-46.	0.7	23
828	Hyperekplexia Phenotype of Glycine Receptor $\hat{I}\pm 1$ Subunit Mutant Mice Identifies Zn^{2+} as an Essential Endogenous Modulator of Glycinergic Neurotransmission. <i>Neuron</i> , 2006, 52, 679-690.	3.8	126
829	Reduction of dopaminergic degeneration and oxidative stress by inhibition of angiotensin converting enzyme in a MPTP model of parkinsonism. <i>Neuropharmacology</i> , 2006, 51, 112-120.	2.0	78
830	Acute administration of 3-nitropropionic acid, a reactive oxygen species generator, boosts ethanol-induced locomotor stimulation. New support for the role of brain catalase in the behavioural effects of ethanol. <i>Neuropharmacology</i> , 2006, 51, 1137-1145.	2.0	16
831	Dopamine D1 receptors co-distribute with N-methyl-d-aspartic acid type-1 subunits and modulate synaptically-evoked N-methyl-d-aspartic acid currents in rat basolateral amygdala. <i>Neuroscience</i> , 2006, 142, 671-690.	1.1	51
832	Activation of ETB receptors increases superoxide levels in sympathetic ganglia in vivo. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R90-R95.	0.9	29
833	Coding of Stimulus Frequency by Latency in Thalamic Networks Through the Interplay of GABAB-Mediated Feedback and Stimulus Shape. <i>Journal of Neurophysiology</i> , 2006, 95, 1735-1750.	0.9	21
834	Control of the Subthalamic Innervation of Substantia Nigra Pars Reticulata by D1 and D2 Dopamine Receptors. <i>Journal of Neurophysiology</i> , 2006, 95, 1800-1811.	0.9	64
835	Neuroscientists need to be evolutionarily challenged. <i>Behavioral and Brain Sciences</i> , 2006, 29, 13-14.	0.4	2
836	Brain evolution: Part I. <i>Behavioral and Brain Sciences</i> , 2006, 29, 12-13.	0.4	6
837	Velocity and direction in neurobehavioral evolution: The centripetal prospective. <i>Behavioral and Brain Sciences</i> , 2006, 29, 21-22.	0.4	0
838	Brain design: The evolution of brains. <i>Behavioral and Brain Sciences</i> , 2006, 29, 24-25.	0.4	0
839	The key role of prefrontal cortex structure and function. <i>Behavioral and Brain Sciences</i> , 2006, 29, 22-22.	0.4	3
840	Putting humans in their proper place. <i>Behavioral and Brain Sciences</i> , 2006, 29, 15-16.	0.4	7

#	ARTICLE	IF	CITATIONS
841	Brain evolution by natural selection. Behavioral and Brain Sciences, 2006, 29, 23-24.	0.4	2
842	Scaling patterns of interhemispheric connectivity in eutherian mammals. Behavioral and Brain Sciences, 2006, 29, 16-17.	0.4	4
843	An evolutionary niche for quantitative theoretical analyses?. Behavioral and Brain Sciences, 2006, 29, 23-23.	0.4	13
845	The evolution of computation in brain circuitry. Behavioral and Brain Sciences, 2006, 29, 17-18.	0.4	3
846	Principles of brain connectivity organization. Behavioral and Brain Sciences, 2006, 29, 18-19.	0.4	3
847	Practical use of evolutionary neuroscience principles. Behavioral and Brain Sciences, 2006, 29, 14-15.	0.4	3
848	Evolutionary neuroscience: Limitations and prospects. Behavioral and Brain Sciences, 2006, 29, 25-31.	0.4	0
849	Mental attention, not language, may explain evolutionary growth of human intelligence and brain size. Behavioral and Brain Sciences, 2006, 29, 19-20.	0.4	3
850	Neural synchrony in stochastic resonance, attention, and consciousness.. Canadian Journal of Experimental Psychology, 2006, 60, 319-326.	0.7	55
851	Adults Faking ADHD: You Must Be Kidding!. The ADHD Report, 2006, 14, 1-7.	0.4	46
852	Emerging Network Activity in Dissociated Cultures of Neocortex: Novel Electrophysiological Protocols and Mathematical Modeling. , 2006, , 243-273.		2
853	Enhanced memory performance on an internal-internal source monitoring test following acute psychosocial stress.. Behavioral Neuroscience, 2006, 120, 1204-1210.	0.6	31
854	Simple predictions fueled by capacity limitations: When are they successful?. Journal of Experimental Psychology: Learning Memory and Cognition, 2006, 32, 966-982.	0.7	47
855	Synaptogenesis and early neural activity. , 2006, , 265-287.		2
856	Retinal mosaics. , 2006, , 193-207.		5
857	Spectral Receptive Field Properties Explain Shape Selectivity in Area V4. Journal of Neurophysiology, 2006, 96, 3492-3505.	0.9	112
858	Analyzing the origin of spontaneous synchronized burst in cultured neuronal networks on MEA. , 2006, 6085, 99.		0
859	PrÃ©cis of Principles of Brain Evolution. Behavioral and Brain Sciences, 2006, 29, 1-12.	0.4	201

#	ARTICLE	IF	CITATIONS
860	Eye Fixations of Deaf and Hearing Observers in Simultaneous Communication Perception. <i>Ear and Hearing</i> , 2006, 27, 331-352.	1.0	16
861	Advances in Selenoprotein Expression: Patterns and Individual Variations. , 2006, , 132-158.		4
862	Choline Transport for Phospholipid Synthesis. <i>Experimental Biology and Medicine</i> , 2006, 231, 490-504.	1.1	264
863	Brain-derived neurotrophic factor enhances expression of superior cervical ganglia clone 10 in lateral geniculate nucleus and visual cortex of developing kittens. <i>European Journal of Neuroscience</i> , 2006, 23, 637-648.	1.2	3
864	S1P inhibits gap junctions in astrocytes: involvement of Giand Rho GTPase/ROCK. <i>European Journal of Neuroscience</i> , 2006, 23, 1453-1464.	1.2	74
865	In vivo optical recordings of synaptic transmission and intracellular Ca ²⁺ and Cl ⁻ in the superior colliculus of fetal rats. <i>European Journal of Neuroscience</i> , 2006, 23, 1405-1416.	1.2	2
866	Ryanodine receptor-transmitter release site coupling increases quantal size in a synapse-specific manner. <i>European Journal of Neuroscience</i> , 2006, 24, 1591-1605.	1.2	10
867	Transient global amnesia following a transoceanic flight. <i>Psychiatry and Clinical Neurosciences</i> , 2006, 60, 516-520.	1.0	5
868	Limited regulation of somatodendritic dopamine release by voltage-sensitive Ca ²⁺ channels contrasted with strong regulation of axonal dopamine release. <i>Journal of Neurochemistry</i> , 2006, 96, 645-655.	2.1	66
869	Cumulative effect of norepinephrine and dopamine carrier blockade on extracellular dopamine increase in the nucleus accumbens shell, bed nucleus of stria terminalis and prefrontal cortex. <i>Journal of Neurochemistry</i> , 2006, 96, 473-481.	2.1	69
870	The effect of congenital deafness on duration judgment. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2006, 47, 946-953.	3.1	22
871	Varieties of attention in neutral trials: Linking RT to ERPs and EEG frequencies. <i>Psychophysiology</i> , 2006, 43, 113-125.	1.2	25
872	Children's Eyewitness Memory: A Modern History and Contemporary Commentary. <i>Journal of Social Issues</i> , 2006, 62, 811-832.	1.9	60
873	Complex Regional Pain Syndromes (Reflex Sympathetic Dystrophy and Causalgia) and Spinal Cord Stimulation. <i>Pain Medicine</i> , 2006, 7, S64-S96.	0.9	35
874	Sensitivity to the locomotor-stimulant effects of ethanol and allopregnanolone: a quantitative trait locus study of common genetic influence. <i>Genes, Brain and Behavior</i> , 2006, 5, 506-517.	1.1	22
875	Ageing and neuronal vulnerability. <i>Nature Reviews Neuroscience</i> , 2006, 7, 278-294.	4.9	895
876	Towards multimodal atlases of the human brain. <i>Nature Reviews Neuroscience</i> , 2006, 7, 952-966.	4.9	261
877	Rapid developmental switch in the mechanisms driving early cortical columnar networks. <i>Nature</i> , 2006, 439, 79-83.	13.7	296

#	ARTICLE	IF	CITATIONS
878	The origin of spontaneous synchronized burst in cultured neuronal networks based on multi-electrode arrays. <i>BioSystems</i> , 2006, 85, 137-143.	0.9	19
879	The role of the extrapersonal brain systems in religious activity. <i>Consciousness and Cognition</i> , 2006, 15, 500-539.	0.8	93
880	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	2.9	121
881	A composite neural network model for perseveration and distractibility in the Wisconsin card sorting test. <i>Neural Networks</i> , 2006, 19, 375-387.	3.3	41
882	Increased "Vigilance" of Antioxidant Mechanisms in Neural Stem Cells Potentiates Their Capability to Resist Oxidative Stress. <i>Stem Cells</i> , 2006, 24, 2110-2119.	1.4	72
883	Effects of the orientation of moving objects on the perception of streaming/bouncing motion displays. <i>Perception & Psychophysics</i> , 2006, 68, 750-758.	2.3	35
884	Sleep, Memory, and Plasticity. <i>Annual Review of Psychology</i> , 2006, 57, 139-166.	9.9	822
885	Remember"Know judgments and retrieval of contextual details. <i>Acta Psychologica</i> , 2006, 122, 160-173.	0.7	45
886	Mean-field analysis of selective persistent activity in presence of short-term synaptic depression. <i>Journal of Computational Neuroscience</i> , 2006, 20, 201-217.	0.6	34
887	In vivo Effects of the Anatoxin-a on Striatal Dopamine Release. <i>Neurochemical Research</i> , 2006, 31, 491-501.	1.6	22
888	Oxidative Stress in Skin Fibroblasts Cultures of Patients with Huntington's Disease. <i>Neurochemical Research</i> , 2006, 31, 1103-1109.	1.6	57
889	l-NAME has Opposite Effects on the Productions of S-adenosylhomocysteine and S-adenosylmethionine in V12-H-Ras and M-CR3B-Ras Pheochromocytoma Cells. <i>Neurochemical Research</i> , 2006, 31, 1205-1210.	1.6	5
890	Distributed neural actions of anti-parkinsonian therapies as revealed by PET. <i>Journal of Neural Transmission</i> , 2006, 113, 75-86.	1.4	12
891	Nitric oxide and MPP+-induced hydroxyl radical generation. <i>Journal of Neural Transmission</i> , 2006, 113, 1131-1144.	1.4	38
892	An inverse agonist selective for $\alpha 5$ subunit-containing GABAA receptors improves encoding and recall but not consolidation in the Morris water maze. <i>Psychopharmacology</i> , 2006, 188, 619-628.	1.5	93
893	Contributions of GABAergic and glutamatergic mechanisms to isoflurane-induced suppression of thalamic somatosensory information transfer. <i>Experimental Brain Research</i> , 2006, 176, 159-172.	0.7	45
894	8-hydroxydeoxyguanosine suppresses NO production and COX-2 activity via Rac1/STATs signaling in LPS-induced brain microglia. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1392-1403.	1.3	55
895	The corticotropin-releasing factor (CRF)1 receptor antagonists CP154,526 and DMP695 inhibit light-induced phase advances of hamster circadian activity rhythms. <i>Brain Research</i> , 2006, 1083, 96-102.	1.1	10

#	ARTICLE	IF	CITATIONS
896	Growing axons in fish optic nerve are accompanied by astrocytes interconnected by tight junctions. <i>Brain Research</i> , 2006, 1103, 25-31.	1.1	25
897	Effects of spatial distribution of attention during inhibition of return (IOR) on flanker interference in hearing and congenitally deaf people. <i>Brain Research</i> , 2006, 1109, 117-127.	1.1	54
898	“Did you see him in the newspaper?” Electrophysiological correlates of context and valence in face processing. <i>Brain Research</i> , 2006, 1119, 190-202.	1.1	42
899	Exploratory analysis of brain connectivity with ICA. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 102-111.	1.1	27
900	Radiation and the regulatory landscape of neo-Darwinism. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 597, 18-31.	0.4	9
901	Lentivirus-mediated expression of glutathione peroxidase: Neuroprotection in murine models of Parkinson's disease. <i>Neurobiology of Disease</i> , 2006, 21, 29-34.	2.1	69
902	Mice lacking alpha-synuclein are resistant to mitochondrial toxins. <i>Neurobiology of Disease</i> , 2006, 21, 541-548.	2.1	185
903	Collective plasticity and individual stability in cultured neuronal networks. <i>Neurocomputing</i> , 2006, 69, 1150-1154.	3.5	14
904	Self-organization of hierarchical visual maps with feedback connections. <i>Neurocomputing</i> , 2006, 69, 1309-1312.	3.5	18
905	Memory retrieval processing: Neural indices of processes supporting episodic retrieval. <i>Neuropsychologia</i> , 2006, 44, 1120-1130.	0.7	26
906	Differential components of prospective memory? Evidence from fMRI. <i>Neuropsychologia</i> , 2006, 44, 1388-1397.	0.7	248
907	Spatial working memory and strategy formation in adults diagnosed with attention deficit hyperactivity disorder. <i>Personality and Individual Differences</i> , 2006, 41, 653-661.	1.6	12
908	Enhancement of long-term spatial memory in adult rats by the noncompetitive NMDA receptor antagonists, memantine and neramexane. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 298-306.	1.3	116
909	Emotional memory in depersonalization disorder: A functional MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2006, 148, 93-102.	0.9	63
910	Spatial exploration induces ARC, a plasticity-related immediate-early gene, only in calcium/calmodulin-dependent protein kinase II-positive principal excitatory and inhibitory neurons of the rat forebrain. <i>Journal of Comparative Neurology</i> , 2006, 498, 317-329.	0.9	217
911	Yin and Yang of Mitochondrial ROS. , 2006, , 1-60.		3
912	Chapter 22 Contribution of glia to pain processing in health and disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2006, 81, 309-323.	1.0	17
913	The Potential Role of Mitochondria in Pediatric Traumatic Brain Injury. <i>Developmental Neuroscience</i> , 2006, 28, 432-446.	1.0	59

#	ARTICLE	IF	CITATIONS
914	Ionotropic and Metabotropic Glutamate Receptor Antagonism Attenuates Cue-Induced Cocaine Seeking. <i>Neuropsychopharmacology</i> , 2006, 31, 778-786.	2.8	162
915	Modulation of GJA1 Turnover and Intercellular Communication by Proinflammatory Cytokines in the Anterior Pituitary Folliculostellate Cell Line TtT/GF1. <i>Biology of Reproduction</i> , 2006, 74, 2-12.	1.2	22
916	Transient Calcium and Dopamine Increase PKA Activity and DARPP-32 Phosphorylation. <i>PLoS Computational Biology</i> , 2006, 2, e119.	1.5	97
917	Superoxide anion is elevated in sympathetic neurons in DOCA-salt hypertension via activation of NADPH oxidase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1019-H1026.	1.5	29
918	Methylphenidate Increases Cortical Excitability via Activation of Alpha-2 Noradrenergic Receptors. <i>Neuropsychopharmacology</i> , 2006, 31, 594-601.	2.8	92
919	Effects of single-dose methylphenidate on cognitive performance in patients with traumatic brain injury: a double-blind placebo-controlled study. <i>Clinical Rehabilitation</i> , 2006, 20, 24-30.	1.0	79
920	Pharmacological Stimulation of Group II Metabotropic Glutamate Receptors Reduces Cocaine Self-Administration and Cocaine-Induced Reinstatement of Drug Seeking in Squirrel Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 922-931.	1.3	83
921	Neuroprotection by Transgenic Expression of Glucose-6-Phosphate Dehydrogenase in Dopaminergic Nigrostriatal Neurons of Mice. <i>Journal of Neuroscience</i> , 2006, 26, 4500-4508.	1.7	62
922	Analysis of the Oligomeric Structure of the Motor Protein Prestin. <i>Journal of Biological Chemistry</i> , 2006, 281, 19916-19924.	1.6	94
923	Suppression of Emotional and Nonemotional Content in Memory. <i>Psychological Science</i> , 2006, 17, 441-447.	1.8	185
924	Dual roles for the trimeric G protein Go in asymmetric cell division in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6524-6529.	3.3	48
925	Atlases of the Human Brain: Tools for Functional Neuroimaging. , 2006, , 566-603.		10
927	The Continuous Wagon Wheel Illusion Is Associated with Changes in Electroencephalogram Power at 13 Hz. <i>Journal of Neuroscience</i> , 2006, 26, 502-507.	1.7	105
928	Development of regular cellular spacing in the retina: theoretical models. <i>Mathematical Medicine and Biology</i> , 2006, 23, 79-99.	0.8	34
929	Relative and Absolute Quantification of Postsynaptic Density Proteome Isolated from Rat Forebrain and Cerebellum. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1158-1170.	2.5	440
930	Dietary choline deficiency alters global and gene-specific DNA methylation in the developing hippocampus of mouse fetal brains. <i>FASEB Journal</i> , 2006, 20, 43-49.	0.2	308
931	Proinflammatory cytokines released from microglia inhibit gap junctions in astrocytes: potentiation by β -amyloid. <i>FASEB Journal</i> , 2006, 20, 494-496.	0.2	187
932	Neurotrophin 3 induces structural and functional modification of synapses through distinct molecular mechanisms. <i>Journal of Cell Biology</i> , 2006, 175, 1029-1042.	2.3	35

#	ARTICLE	IF	CITATIONS
933	Nigrostriatal Dopaminergic Neurodegeneration in the Weaver Mouse Is Mediated via Neuroinflammation and Alleviated by Minocycline Administration. <i>Journal of Neuroscience</i> , 2006, 26, 11644-11651.	1.7	47
934	Regional Interaction of Endoplasmic Reticulum Ca ²⁺ Signals between Soma and Dendrites through Rapid Luminal Ca ²⁺ Diffusion. <i>Journal of Neuroscience</i> , 2006, 26, 12127-12136.	1.7	75
935	TRPV1 Recapitulates Native Capsaicin Receptor in Sensory Neurons in Association with Fas-Associated Factor 1. <i>Journal of Neuroscience</i> , 2006, 26, 2403-2412.	1.7	53
936	The Role of Protein Interaction Motifs in Regulating the Polarity and Clustering of the Metabotropic Glutamate Receptor mGluR1a. <i>Journal of Neuroscience</i> , 2006, 26, 8115-8125.	1.7	39
937	Persistent Disruption of an Established Morphine Conditioned Place Preference. <i>Journal of Neuroscience</i> , 2006, 26, 3010-3020.	1.7	196
938	Subitizing, Magnitude Representation, and Magnitude Retrieval in Deaf and Hearing Adults. <i>Journal of Deaf Studies and Deaf Education</i> , 2006, 11, 289-302.	0.7	33
939	PROPAGATING INTERFACES IN A TWO-LAYER BISTABLE NEURAL NETWORK. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006, 16, 589-600.	0.7	1
940	μ/κ Opioid Receptor Functional Interaction: Insight Using Receptor-G Protein Fusions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 683-690.	1.3	23
941	Essential role of retinoblastoma protein in mammalian hair cell development and hearing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7345-7350.	3.3	115
942	Protein Synthesis at Synaptic Sites on Dendrites. , 2007, , 169-195.		4
943	Time-Frequency Intracranial Source Localization of Feedback-Related EEG Activity in Hypothesis Testing. <i>Cerebral Cortex</i> , 2007, 17, 1314-1322.	1.6	10
944	Circadian control by the reduction/oxidation pathway: Catalase represses light-dependent clock gene expression in the zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15747-15752.	3.3	116
945	GST α expression mediates dopaminergic neuron sensitivity in experimental parkinsonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1977-1982.	3.3	73
946	Hippocampal place cell assemblies are speed-controlled oscillators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8149-8154.	3.3	229
947	Amnesia produced by altered release of neurotransmitters after intraamygdala injections of a protein synthesis inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12500-12505.	3.3	95
948	Repeated Electrical Stimulation of Reward-Related Brain Regions Affects Cocaine But Not "Natural" Reinforcement. <i>Journal of Neuroscience</i> , 2007, 27, 14179-14189.	1.7	130
949	Non-Recognition of Print Advertising: Emotion Arousal and Gender Effects. <i>Journal of Marketing Communications</i> , 2007, 13, 39-57.	2.7	12
950	Retinal Wave Behavior through Activity-Dependent Refractory Periods. <i>PLoS Computational Biology</i> , 2007, 3, e245.	1.5	48

#	ARTICLE	IF	CITATIONS
951	Mechanical ventilation with 40% oxygen reduces pulmonary expression of genes that regulate lung development and impairs alveolar septation in newborn mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 293, L1099-L1110.	1.3	70
952	Public Health, Public Trust and Lobbying. <i>American Journal of Bioethics</i> , 2007, 7, 4-7.	0.5	44
953	Persistent Activity in Neural Networks with Dynamic Synapses. <i>PLoS Computational Biology</i> , 2007, 3, e35.	1.5	105
954	Developing Context and Background Underlying Cognitive Intervention/Training Studies in Older Populations. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2007, 62, 5-10.	2.4	17
955	Improvements in visual attention in deaf infants and toddlers after cochlear implantation. <i>Audiological Medicine</i> , 2007, 5, 242-249.	0.4	28
956	Input-Driven Oscillations in Networks with Excitatory and Inhibitory Neurons with Dynamic Synapses. <i>Neural Computation</i> , 2007, 19, 1739-1765.	1.3	29
957	The Hands Have It: Number Representations in Adult Deaf Signers. <i>Journal of Deaf Studies and Deaf Education</i> , 2007, 12, 362-372.	0.7	11
958	How vision matters for individuals with hearing loss. <i>International Journal of Audiology</i> , 2007, 46, 500-511.	0.9	42
959	Visual Constructive and Visual-Motor Skills in Deaf Native Signers. <i>Journal of Deaf Studies and Deaf Education</i> , 2007, 12, 148-157.	0.7	26
960	Emotional conflict and neuroticism: Personality-dependent activation in the amygdala and subgenual anterior cingulate.. <i>Behavioral Neuroscience</i> , 2007, 121, 249-256.	0.6	205
961	Visual memory for shapes in deaf signers and nonsigners and in hearing signers and nonsigners: Atypical lateralization and enhancement.. <i>Neuropsychology</i> , 2007, 21, 114-121.	1.0	19
962	Failure of positive but not negative emotional valence to enhance memory in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2007, 116, 43-55.	2.0	100
963	Different temporal profiles of amnesia after intra-hippocampus and intra-amygdala infusions of anisomycin.. <i>Behavioral Neuroscience</i> , 2007, 121, 732-741.	0.6	23
964	Oral methylphenidate improves spatial learning and memory in pre- and periadolescent rats.. <i>Behavioral Neuroscience</i> , 2007, 121, 1272-1279.	0.6	29
965	The effect of age on memory for emotional faces.. <i>Neuropsychology</i> , 2007, 21, 371-380.	1.0	62
966	Probability matching involves rule-generating ability: A neuropsychological mechanism dealing with probabilities.. <i>Neuropsychology</i> , 2007, 21, 621-630.	1.0	32
967	Expression of Nrf2 in Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 75-85.	0.9	604
968	Effects of Synaptic Depression and Recovery on Synchronous Network Activity. <i>Journal of Clinical Neurophysiology</i> , 2007, 24, 165-174.	0.9	13

#	ARTICLE	IF	CITATIONS
969	Testing neuropsychological hypotheses for cognitive deficits in psychopathic criminals: A study of globalâ€“local processing. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 267-76.	1.2	22
970	Anatomy of deductive reasoning. <i>Trends in Cognitive Sciences</i> , 2007, 11, 435-441.	4.0	280
971	The discovery of dendritic spines by Cajal in 1888 and its relevance in the present neuroscience. <i>Progress in Neurobiology</i> , 2007, 83, 110-130.	2.8	55
972	Activation of the brain 5-HT _{2C} receptors causes hypolocomotion without anxiogenic-like cardiovascular adjustments in mice. <i>Neuropharmacology</i> , 2007, 52, 949-957.	2.0	30
973	Dopamine D1 receptor coupling to Gs/olf and Gq in rat striatum and cortex: A scintillation proximity assay (SPA)/antibody-capture characterization of benzazepine agonists. <i>Neuropharmacology</i> , 2007, 52, 1003-1014.	2.0	45
974	Localization of P2X ₂ and P2X ₃ receptors in rat trigeminal ganglion neurons. <i>Neuroscience</i> , 2007, 144, 208-216.	1.1	98
975	Fos and glutamate AMPA receptor subunit coexpression associated with cue-elicited cocaine-seeking behavior in abstinent rats. <i>Neuroscience</i> , 2007, 145, 438-452.	1.1	72
976	Post-training, but not post-reactivation, administration of amphetamine and anisomycin modulates Pavlovian conditioned approach. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 644-658.	1.0	43
977	Glia as the â€œbad guysâ€œ: Implications for improving clinical pain control and the clinical utility of opioids. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 131-146.	2.0	306
978	Do first order and higher order regions of the thalamic reticular nucleus have different developmental timetables?. <i>Experimental Neurology</i> , 2007, 204, 339-354.	2.0	2
979	Thinking style, browsing primes and hypermedia navigation. <i>Computers and Education</i> , 2007, 49, 916-941.	5.1	26
980	Cortical evolution and human behaviour. <i>Brain Research Bulletin</i> , 2007, 74, 191-205.	1.4	12
981	Antioxidant responses and lipid peroxidation following intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) administration in rats: increased susceptibility of olfactory bulb. <i>Life Sciences</i> , 2007, 80, 1906-1914.	2.0	25
982	Effect of emotional context in auditory-cortex processing. <i>International Journal of Psychophysiology</i> , 2007, 65, 261-271.	0.5	21
983	Effects of acute dopamine depletion on the electrophysiological properties of striatal neurons. <i>Neuroscience Research</i> , 2007, 58, 305-316.	1.0	55
984	PCB (Aroclor 1254) enhances oxidative damage in rat brain regions: Protective role of ascorbic acid. <i>NeuroToxicology</i> , 2007, 28, 490-498.	1.4	68
985	Gene expression profiling of MPP ⁺ -treated MN9D cells: A mechanism of toxicity study. <i>NeuroToxicology</i> , 2007, 28, 979-987.	1.4	16
986	Long-distance alpha-band MEG synchronization maintains selective visual attention. <i>International Congress Series</i> , 2007, 1300, 551-554.	0.2	8

#	ARTICLE	IF	CITATIONS
987	Endoplasmic reticulum stress during the embryonic development of the central nervous system in the mouse. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 455-463.	0.7	59
988	Perspective on everyday technologies for Alzheimer's care: Research findings, directions, and challenges. , 2007, 3, 227-234.		22
989	Neurophysiological correlates of relatively enhanced local visual search in autistic adolescents. <i>NeuroImage</i> , 2007, 35, 283-291.	2.1	145
990	Prestimulus oscillations predict visual perception performance between and within subjects. <i>NeuroImage</i> , 2007, 37, 1465-1473.	2.1	613
991	Multiple Dopamine Functions at Different Time Courses. <i>Annual Review of Neuroscience</i> , 2007, 30, 259-288.	5.0	1,153
992	Cognition Enhancers. , 2007, , 241-283.		6
993	Dysregulated Metabotropic Glutamate Receptor-Dependent Translation of AMPA Receptor and Postsynaptic Density-95 mRNAs at Synapses in a Mouse Model of Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2007, 27, 5338-5348.	1.7	380
994	When Remembering Causes Forgetting: Electrophysiological Correlates of Retrieval-Induced Forgetting. <i>Cerebral Cortex</i> , 2007, 17, 1335-1341.	1.6	88
995	Are vertical meridian effects due to audio-visual interference? A new confirmation with deaf subjects. <i>Disability and Rehabilitation</i> , 2007, 29, 797-804.	0.9	4
996	Effect of negative emotional pictures on associative memory for peripheral information. <i>Memory</i> , 2007, 15, 154-166.	0.9	62
997	The Astrocyte as a Gatekeeper of Synaptic Information Transfer. <i>Neural Computation</i> , 2007, 19, 303-326.	1.3	125
998	Physiological Acoustics. , 2007, , 429-457.		4
999	Î±1-Adrenergic Receptors Augment P2X3 Receptor-Mediated Nociceptive Responses in the Uninjured State. <i>Journal of Pain</i> , 2007, 8, 556-562.	0.7	26
1000	Molecular Circadian Rhythms in Central and Peripheral Clocks in Mammals. <i>Chronobiology International</i> , 2007, 24, 195-213.	0.9	259
1001	Specialization of the Neocortical Pyramidal Cell during Primate Evolution. , 2007, , 191-242.		109
1002	Psychotropic and Neurotropic Activity. , 2007, , 565-876.		6
1003	SAFFRON EXTRACT AMELIORATES OXIDATIVE DAMAGE AND MITOCHONDRIAL DYSFUNCTION IN THE RAT BRAIN. <i>Acta Horticulturae</i> , 2007, , 359-366.	0.1	8
1004	Processing of sounds by population spikes in a model of primary auditory cortex. <i>Frontiers in Neuroscience</i> , 2007, 1, 197-209.	1.4	49

#	ARTICLE	IF	CITATIONS
1005	Single-Cell Microelectrochemistry. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8760-8777.	7.2	160
1007	Onset of synaptogenesis in the plexiform layers of the chick retina: A transmission electron microscopic study. <i>Microscopy Research and Technique</i> , 2007, 70, 329-335.	1.2	13
1008	Shape representation by a network of V4-like cells. <i>Neural Networks</i> , 2007, 20, 851-867.	3.3	13
1009	R7-binding protein targets the G protein β 5/R7-regulator of G protein signaling complex to lipid rafts in neuronal cells and brain. <i>BMC Biochemistry</i> , 2007, 8, 18.	4.4	13
1010	Memory functioning following terror attack and the suggested immunization by religious faith. <i>Stress and Health</i> , 2007, 23, 199-204.	1.4	1
1011	Protecting neurons from HIV-1 gp120-induced oxidant stress using both localized intracerebral and generalized intraventricular administration of antioxidant enzymes delivered by SV40-derived vectors. <i>Gene Therapy</i> , 2007, 14, 1650-1661.	2.3	40
1012	Long-term potentiation of neuronal excitation by neuron-glia interactions in the rat spinal dorsal horn. <i>European Journal of Neuroscience</i> , 2007, 25, 1297-1306.	1.2	77
1013	Spatio-temporal dynamics of oscillatory network activity in the neonatal mouse cerebral cortex. <i>European Journal of Neuroscience</i> , 2007, 26, 1995-2004.	1.2	54
1014	Effects of methylphenidate on working memory components: influence of measurement. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 872-880.	3.1	58
1015	Bioenergetic and oxidative effects of free 3-nitrotyrosine in culture: selective vulnerability of dopaminergic neurons and increased sensitivity of non-dopaminergic neurons to dopamine oxidation. <i>Journal of Neurochemistry</i> , 2007, 103, 070629093019004-???	2.1	7
1016	Reduced pain behaviors and extracellular signal-related protein kinase activation in primary sensory neurons by peripheral tissue injury in mice lacking platelet-activating factor receptor. <i>Journal of Neurochemistry</i> , 2007, 102, 1658-1668.	2.1	29
1017	Reduced parietal and visual cortical activation during global processing in Williams syndrome. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 433-438.	1.1	40
1018	μ -Opioid Receptor Ligands Lack Receptor Subtype Selectivity in the Aequorin Luminescence-based Calcium Assay. <i>Chemical Biology and Drug Design</i> , 2007, 70, 247-253.	1.5	6
1019	Deafness and visual enumeration: Not all aspects of attention are modified by deafness. <i>Brain Research</i> , 2007, 1153, 178-187.	1.1	27
1020	EEG alpha oscillations: The inhibition-timing hypothesis. <i>Brain Research Reviews</i> , 2007, 53, 63-88.	9.1	3,105
1021	Listening and talking to neurons: Implications of immune activation for pain control and increasing the efficacy of opioids. <i>Brain Research Reviews</i> , 2007, 56, 148-169.	9.1	162
1022	Post-training intrahippocampal infusion of nicotine-bucladesine combination causes a synergistic enhancement effect on spatial memory retention in rats. <i>European Journal of Pharmacology</i> , 2007, 562, 212-220.	1.7	29
1023	Protective effect of an extract of the oyster mushroom, <i>Pleurotus ostreatus</i> , on antioxidants of major organs of aged rats. <i>Experimental Gerontology</i> , 2007, 42, 183-191.	1.2	74

#	ARTICLE	IF	CITATIONS
1024	Neuromodulation of short-term synaptic dynamics examined in a mechanistic model based on kinetics of calcium currents. <i>Neurocomputing</i> , 2007, 70, 2050-2054.	3.5	8
1025	Combining synaptic and cellular resonance in a feed-forward neuronal network. <i>Neurocomputing</i> , 2007, 70, 2041-2045.	3.5	17
1026	Activity and effective connectivity of parietal and occipital cortical regions during haptic shape perception. <i>Neuropsychologia</i> , 2007, 45, 476-483.	0.7	145
1027	Automatic affective stimulus processing is intact after unilateral resection of the anterior temporal lobe in humans. <i>Neuropsychologia</i> , 2007, 45, 431-434.	0.7	4
1028	Local and global auditory processing: Behavioral and ERP evidence. <i>Neuropsychologia</i> , 2007, 45, 1172-1186.	0.7	65
1029	Which aspects of visual attention are changed by deafness? The case of the Attentional Network Test. <i>Neuropsychologia</i> , 2007, 45, 1801-1811.	0.7	103
1030	The relationship between regional cerebral blood flow and response to methylphenidate in children with attention-deficit hyperactivity disorder: Comparison between non-responders to methylphenidate and responders. <i>Journal of Psychiatric Research</i> , 2007, 41, 459-465.	1.5	37
1031	The role of medial temporal lobe in item recognition and source recollection of emotional stimuli. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007, 7, 233-242.	1.0	58
1032	Synaptic and extrasynaptic NMDA receptors: Problems and prospects. <i>Neurochemical Journal</i> , 2007, 1, 275-280.	0.2	1
1033	Being Fed Up: A Social Cognitive Neuroscience Approach to Mental Satiation. <i>Annals of the New York Academy of Sciences</i> , 2007, 1118, 186-205.	1.8	12
1034	Metabolic Regulation and Function of Glutathione Peroxidase-1. <i>Annual Review of Nutrition</i> , 2007, 27, 41-61.	4.3	224
1035	Dissociable correlates of two classes of retrieval processing in prefrontal cortex. <i>NeuroImage</i> , 2007, 35, 1663-1673.	2.1	38
1036	Inhibitory control and affective valence processing in dementia of the alzheimer type. <i>Journal of Neuropsychology</i> , 2007, 1, 65-83.	0.6	14
1037	Involvement of AMPA/kainate, NMDA, and mGlu5 receptors in the nucleus accumbens core in cue-induced reinstatement of cocaine seeking in rats. <i>Psychopharmacology</i> , 2007, 192, 571-580.	1.5	147
1038	Do the hemispheres differ in their preparation for global/local processing?. <i>Experimental Brain Research</i> , 2007, 176, 525-531.	0.7	5
1039	Trial by trial effects in the antisaccade task. <i>Experimental Brain Research</i> , 2007, 179, 387-396.	0.7	32
1040	Attentional shift by gaze is triggered without awareness. <i>Experimental Brain Research</i> , 2007, 183, 87-94.	0.7	96
1041	Local cortical circuit model inferred from power-law distributed neuronal avalanches. <i>Journal of Computational Neuroscience</i> , 2007, 22, 301-312.	0.6	58

#	ARTICLE	IF	CITATIONS
1042	Can measurement of chemokines become useful biological and functional markers of early-stage chronic pancreatitis?. <i>Journal of Gastroenterology</i> , 2007, 42, 72-77.	2.3	31
1043	Enhanced 5-HT _{2A} Receptor Status in the Hypothalamus and Corpus Striatum of Ethanol-Treated Rats. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 1017-1025.	1.7	12
1044	Implementation Intentions Facilitate Response Inhibition in Children with ADHD. <i>Cognitive Therapy and Research</i> , 2008, 32, 261-280.	1.2	84
1045	Episodic activity in a heterogeneous excitatory network, from spiking neurons to mean field. <i>Journal of Computational Neuroscience</i> , 2008, 25, 39-63.	0.6	54
1046	Biased competition through variations in amplitude of β -oscillations. <i>Journal of Computational Neuroscience</i> , 2008, 25, 89-107.	0.6	33
1047	Sportmotorik und Gehirn. <i>Sportwissenschaft</i> , 2008, 38, 423-450.	0.6	3
1048	Visual temporal order judgment in profoundly deaf individuals. <i>Experimental Brain Research</i> , 2008, 190, 179-188.	0.7	50
1049	Anticipation of natural stimuli modulates EEG dynamics: physiology and simulation. <i>Cognitive Neurodynamics</i> , 2008, 2, 89-100.	2.3	13
1050	Phenomenological models of synaptic plasticity based on spike timing. <i>Biological Cybernetics</i> , 2008, 98, 459-478.	0.6	455
1051	Biochemical analysis of selenoprotein expression in brain cell lines and in distinct brain regions. <i>Cell and Tissue Research</i> , 2008, 332, 403-414.	1.5	16
1052	<i>In vivo</i> and <i>in vitro</i> ethanol exposure in prenatal rat brain: GABA _B receptor modulation on dopamine D ₁ receptor and protein kinase A. <i>Synapse</i> , 2008, 62, 534-543.	0.6	14
1053	Glutamate transporter EAAT2 expression is upregulated in reactive astrocytes in human periventricular leukomalacia. <i>Journal of Comparative Neurology</i> , 2008, 508, 238-248.	0.9	34
1054	Selective visuo-haptic processing of shape and texture. <i>Human Brain Mapping</i> , 2008, 29, 1123-1138.	1.9	186
1055	The effect of mobile phone electromagnetic fields on the alpha rhythm of human electroencephalogram. <i>Bioelectromagnetics</i> , 2008, 29, 1-10.	0.9	76
1056	Effects of working conditions and sleep of the previous day on cognitive performance. <i>Applied Ergonomics</i> , 2008, 39, 99-106.	1.7	50
1057	Phosphatidylinositol-3-kinase activation blocks amyloid beta-induced neurotoxicity. <i>Toxicology</i> , 2008, 243, 43-50.	2.0	46
1058	Recognizing emotions expressed by body pose: A biologically inspired neural model. <i>Neural Networks</i> , 2008, 21, 1238-1246.	3.3	127
1059	When the whole is more than the sum of the parts: Evidence from visuospatial neglect. <i>Journal of Neuropsychology</i> , 2008, 2, 387-413.	0.6	14

#	ARTICLE	IF	CITATIONS
1060	Cannabinoid rescue of striatal progenitor cells in chronic Borna Disease viral encephalitis in rats. <i>Journal of NeuroVirology</i> , 2008, 14, 252-260.	1.0	14
1061	THE INTEGRATE MODEL OF EMOTION, THINKING AND SELF REGULATION: AN APPLICATION TO THE "PARADOX OF AGING". <i>Journal of Integrative Neuroscience</i> , 2008, 07, 367-404.	0.8	48
1062	Event-related potentials associated with a shift in the strategy of visual perception during recognition of a hierarchical stimulus. <i>Human Physiology</i> , 2008, 34, 282-288.	0.1	2
1063	Social influences on spatial memory. <i>Memory and Cognition</i> , 2008, 36, 479-494.	0.9	39
1064	Animals lacking endothelinâ€œconverting enzymeâ€œ are deficient in learning and memory. <i>Genes, Brain and Behavior</i> , 2008, 7, 418-426.	1.1	40
1065	Behavioral characterization of P311 knockout mice. <i>Genes, Brain and Behavior</i> , 2008, 7, 786-795.	1.1	44
1066	GABAB receptor activation mediates frequency-dependent plasticity of developing GABAergic synapses. <i>Nature Neuroscience</i> , 2008, 11, 1410-1418.	7.1	182
1067	Development of rostral prefrontal cortex and cognitive and behavioural disorders. <i>Developmental Medicine and Child Neurology</i> , 2008, 50, 168-181.	1.1	165
1068	Spectral characteristics and linearâ€œnonlinear synchronization changes of different EEG frequency bands during the CNV. <i>Psychophysiology</i> , 2008, 45, 412-419.	1.2	21
1069	Co-expression of mu and delta opioid receptors as receptor-G protein fusions enhances both mu and delta signalling via distinct mechanisms. <i>Journal of Neurochemistry</i> , 2008, 105, 865-873.	2.1	17
1070	Functional similarities between the P1 component and alpha oscillations. <i>European Journal of Neuroscience</i> , 2008, 27, 2330-2340.	1.2	58
1071	Two differential frequencyâ€œdependent mechanisms regulating tonic firing of thalamic reticular neurons. <i>European Journal of Neuroscience</i> , 2008, 27, 2643-2656.	1.2	10
1072	Role of NADPH oxidase in the apoptotic death of cultured cerebellar granule neurons. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1056-1064.	1.3	48
1073	Amyloid-beta-induced neurotoxicity is reduced by inhibition of glycogen synthase kinase-3. <i>Brain Research</i> , 2008, 1188, 254-262.	1.1	114
1074	mRNA expression of activity-regulated cytoskeleton-associated protein (arc) in the amygdala-kindled rats. <i>Brain Research</i> , 2008, 1189, 236-246.	1.1	16
1075	Neural mechanisms of selective auditory attention are enhanced by computerized training: Electrophysiological evidence from language-impaired and typically developing children. <i>Brain Research</i> , 2008, 1205, 55-69.	1.1	165
1076	Change blindness in profoundly deaf individuals and cochlear implant recipients. <i>Brain Research</i> , 2008, 1242, 209-218.	1.1	15
1077	Spontaneous neuronal burst discharges as dependent and independent variables in the maturation of cerebral cortex tissue cultured in vitro: A review of activity-dependent studies in live â€œmodelâ€œ™ systems for the development of intrinsically generated bioelectric slow-wave sleep patterns. <i>Brain Research Reviews</i> , 2008, 59, 221-244.	9.1	36

#	ARTICLE	IF	CITATIONS
1078	The smart potential behind probability matching. <i>Cognition</i> , 2008, 109, 416-422.	1.1	155
1079	Glia in pathological pain: A role for fractalkine. <i>Journal of Neuroimmunology</i> , 2008, 198, 113-120.	1.1	105
1080	Brain angiotensin enhances dopaminergic cell death via microglial activation and NADPH-derived ROS. <i>Neurobiology of Disease</i> , 2008, 31, 58-73.	2.1	176
1081	Age-dependent responses of glial cells and leptomeninges during systemic inflammation. <i>Neurobiology of Disease</i> , 2008, 32, 543-551.	2.1	49
1082	Transfer of the curvature aftereffect in dynamic touch. <i>Neuropsychologia</i> , 2008, 46, 2966-2972.	0.7	23
1083	Methylphenidate improves performance on the radial arm maze in periadolescent rats. <i>Neurotoxicology and Teratology</i> , 2008, 30, 419-427.	1.2	24
1084	The effects of visual, auditory, and mixed cues on choice reaction in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2008, 269, 118-125.	0.3	11
1085	Oscillations and Spiking Pairs: Behavior of a Neuronal Model with STDP Learning. <i>Neural Computation</i> , 2008, 20, 2037-2069.	1.3	7
1086	Executive functioning in children with attention-deficit/hyperactivity disorder: Combined type with and without a stimulant medication history.. <i>Neuropsychology</i> , 2008, 22, 329-340.	1.0	44
1087	GABAergic Interneurons in Synaptic Plasticity and Information Storage. , 2008, , 367-385.		0
1088	Dendritic Transport of mRNA, the IEG Arc, and Synaptic Modifications Involved in Memory Consolidation. , 2008, , 587-610.		3
1089	Three laws of branding: Neuroscientific foundations of effective brand building. <i>Journal of Brand Management</i> , 2008, 16, 176-194.	2.0	31
1090	Dendrites of Mammalian Neurons Contain Specialized P-Body-Like Structures That Respond to Neuronal Activation. <i>Journal of Neuroscience</i> , 2008, 28, 13793-13804.	1.7	153
1091	Temporal changes in the level of neurotrophins in the spinal cord and associated precentral gyrus following spinal hemisection in adult Rhesus monkeys. <i>Journal of Chemical Neuroanatomy</i> , 2008, 36, 138-143.	1.0	11
1092	Incidental encoding of emotional pictures: Affective bias studied through event related brain potentials. <i>International Journal of Psychophysiology</i> , 2008, 68, 193-200.	0.5	13
1093	Serial analysis of gene expression profiles of adult and aged mouse cerebellum. <i>Neurobiology of Aging</i> , 2008, 29, 774-788.	1.5	7
1094	Depression of C fibre-evoked spinal field potentials by the spinal μ opioid receptor is enhanced in the spinal nerve ligation model of neuropathic pain: Involvement of the μ 4-subtype. <i>Neuropharmacology</i> , 2008, 55, 1376-1382.	2.0	7
1095	Dopamine and cyclic-AMP regulated phosphoprotein-32-dependent modulation of prefrontal cortical input and intercellular coupling in mouse accumbens spiny and aspiny neurons. <i>Neuroscience</i> , 2008, 151, 802-816.	1.1	4

#	ARTICLE	IF	CITATIONS
1096	Functional interactions between the nucleus tractus solitarius (NTS) and nucleus accumbens shell in modulating memory for arousing experiences. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 47-60.	1.0	38
1097	Neonatal tactile stimulation enhances spatial working memory, prefrontal long-term potentiation, and D1 receptor activation in adult rats. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 397-406.	1.0	17
1098	Expression, purification and characterisation of the C-terminal STAS domain of the SLC26 anion transporter prestin. <i>Protein Expression and Purification</i> , 2008, 58, 249-256.	0.6	20
1099	Dissociation of the circadian rhythm of locomotor activity in a 22h light/dark cycle impairs passive avoidance but not object recognition memory in rats. <i>Physiology and Behavior</i> , 2008, 94, 523-527.	1.0	20
1100	Sensory memory for ambiguous vision. <i>Trends in Cognitive Sciences</i> , 2008, 12, 334-341.	4.0	168
1101	Large-Scale Gamma-Band Phase Synchronization and Selective Attention. <i>Cerebral Cortex</i> , 2008, 18, 386-396.	1.6	213
1102	Glutathione and Parkinson's disease: Is this the elephant in the room?. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 236-249.	2.5	180
1103	Chronic disruption of circadian rhythms impairs hippocampal memory in the rat. <i>Brain Research Bulletin</i> , 2008, 76, 141-151.	1.4	86
1104	Therapeutic attenuation of mitochondrial dysfunction and oxidative stress in neurotoxin models of Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 151-162.	1.8	48
1105	The activation of histamine-sensitive sites of the ventral hippocampus modulates the consolidation of a learned active avoidance response in rats. <i>Behavioural Brain Research</i> , 2008, 189, 92-99.	1.2	18
1106	Tonic and phasic electroencephalographic dynamics during continuous compensatory tracking. <i>NeuroImage</i> , 2008, 39, 1896-1909.	2.1	88
1107	Region-specific involvement of AMPA/Kainate receptors in Fos protein expression induced by cocaine-conditioned cues. <i>European Neuropsychopharmacology</i> , 2008, 18, 600-611.	0.3	23
1108	Emotional processing and emotional memory are modulated by interoceptive awareness. <i>Cognition and Emotion</i> , 2008, 22, 272-287.	1.2	85
1109	Fully automated microchip system for the detection of quantal exocytosis from single and small ensembles of cells. <i>Lab on A Chip</i> , 2008, 8, 323-329.	3.1	53
1110	Shift Work, Safety, and Aging. <i>Chronobiology International</i> , 2008, 25, 183-198.	0.9	69
1111	On Spiking Models for Synaptic Activity and Impulsive Differential Equations. <i>SIAM Review</i> , 2008, 50, 553-569.	4.2	35
1112	Acute consolidation stress enhances reality monitoring in healthy young adults. <i>Stress</i> , 2008, 11, 235-245.	0.8	13
1113	When Loading Working Memory Reduces Distraction: Behavioral and Electrophysiological Evidence from an Auditory-Visual Distraction Paradigm. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1131-1145.	1.1	159

#	ARTICLE	IF	CITATIONS
1114	Emergence Mechanisms of Brain Functions from Synaptic Dynamics. , 2008, , .		0
1115	Gene Expression of Endothelial Cells due to Interleukin-1 Beta Stimulation and Neutrophil Transmigration. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2008, 15, 73-84.	1.7	32
1116	How we fragment the world: the view from inside versus the view from outside. <i>Social Science Information</i> , 2008, 47, 419-457.	1.1	20
1117	Eye Gaze During Comprehension of American Sign Language by Native and Beginning Signers. <i>Journal of Deaf Studies and Deaf Education</i> , 2008, 14, 237-243.	0.7	97
1118	Circadian modulation of short-term memory in <i>Drosophila</i> . <i>Learning and Memory</i> , 2009, 16, 19-27.	0.5	79
1119	Pharmacological Modulation of Dopaminergic Brain Activity and Its Reflection in Spectral Frequencies of the Rat Electropharmacogram. <i>Neuropsychobiology</i> , 2008, 58, 178-186.	0.9	47
1120	Extracting variant and invariant information from faces: The neural substrates of gaze detection and sex categorization. <i>Social Neuroscience</i> , 2008, 3, 69-78.	0.7	17
1121	Prenatal choline availability alters the context sensitivity of Pavlovian conditioning in adult rats. <i>Learning and Memory</i> , 2008, 15, 866-875.	0.5	16
1122	Critical role of the 65-kDa isoform of glutamic acid decarboxylase in consolidation and generalization of Pavlovian fear memory. <i>Learning and Memory</i> , 2008, 15, 163-171.	0.5	95
1123	An Input-Representing Interneuron Regulates Spike Timing and Thereby Phase Switching in a Motor Network. <i>Journal of Neuroscience</i> , 2008, 28, 1916-1928.	1.7	20
1124	Asymmetric Amplitude Modulations of Brain Oscillations Generate Slow Evoked Responses. <i>Journal of Neuroscience</i> , 2008, 28, 7781-7787.	1.7	179
1125	Extrasynaptic NR2D-Containing NMDARs Are Recruited to the Synapse during LTP of NMDAR-EPSCs. <i>Journal of Neuroscience</i> , 2008, 28, 11685-11694.	1.7	103
1126	Protease-activated Receptor-2 Increases Exocytosis via Multiple Signal Transduction Pathways in Pancreatic Duct Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 18711-18720.	1.6	26
1127	Affective Flexibility. <i>Psychological Science</i> , 2008, 19, 152-160.	1.8	294
1128	Membrane Composition Modulates Prestin-associated Charge Movement. <i>Journal of Biological Chemistry</i> , 2008, 283, 22473-22481.	1.6	44
1129	The Spatiotemporal Dynamics of Autobiographical Memory: Neural Correlates of Recall, Emotional Intensity, and Reliving. <i>Cerebral Cortex</i> , 2008, 18, 217-229.	1.6	322
1130	Arc/Arg3.1 Translation Is Controlled by Convergent N-Methyl-D-aspartate and Gs-coupled Receptor Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2008, 283, 582-592.	1.6	67
1131	Decreased Striatal Dopamine Release Underlies Increased Expression of Long-Term Synaptic Potentiation at Corticostriatal Synapses 24 h after 3-Nitropropionic-Acid-Induced Chemical Hypoxia. <i>Journal of Neuroscience</i> , 2008, 28, 9585-9597.	1.7	25

#	ARTICLE	IF	CITATIONS
1132	The Effects of Feature Attention on Prestimulus Cortical Activity in the Human Visual System. <i>Cerebral Cortex</i> , 2008, 18, 1664-1675.	1.6	38
1133	Discharge Synchrony during the Transition of Behavioral Goal Representations Encoded by Discharge Rates of Prefrontal Neurons. <i>Cerebral Cortex</i> , 2008, 18, 2036-2045.	1.6	41
1134	Pathways of Acetylcholine Synthesis, Transport and Release as Targets for Treatment of Adult-Onset Cognitive Dysfunction. <i>Current Medicinal Chemistry</i> , 2008, 15, 488-498.	1.2	116
1135	The NO-cGMP-PKG signaling pathway regulates synaptic plasticity and fear memory consolidation in the lateral amygdala via activation of ERK/MAP kinase. <i>Learning and Memory</i> , 2008, 15, 792-805.	0.5	107
1136	Region-Specific Spike-Frequency Acceleration in Layer 5 Pyramidal Neurons Mediated by Kv1 Subunits. <i>Journal of Neuroscience</i> , 2008, 28, 13716-13726.	1.7	58
1137	Neuroimaging analysis of an anesthetic gas that blocks human emotional memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1722-1727.	3.3	95
1138	<i>In Vivo</i> Metabotropic Glutamate Receptor 5 (mGluR5) Antagonism Prevents Cocaine-Induced Disruption of Postsynaptically Maintained mGluR5-Dependent Long-Term Depression. <i>Journal of Neuroscience</i> , 2008, 28, 9261-9270.	1.7	35
1139	The hearing gene <i>Prestin</i> reunites echolocating bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13959-13964.	3.3	116
1140	Double dissociation of pharmacologically induced deficits in visual recognition and visual discrimination learning. <i>Learning and Memory</i> , 2008, 15, 565-568.	0.5	12
1141	Separable Forms of Reality Monitoring Supported by Anterior Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 447-457.	1.1	109
1142	Memory Consolidation, Multiple Realizations, and Modest Reductions. <i>Philosophy of Science</i> , 2008, 75, 501-513.	0.5	10
1143	Emotional Facilitation and Disruption of Memory. <i>Advances in Psychology</i> , 2008, 139, 45-59.	0.1	2
1144	Neuroimaging evidence for agenda-dependent monitoring of different features during short-term source memory tests.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2008, 34, 780-790.	0.7	18
1145	Central perceptual load does not reduce ipsilesional flanker interference in parietal extinction.. <i>Neuropsychology</i> , 2008, 22, 371-382.	1.0	10
1146	Do Alterations in Glutathione and Iron Levels Contribute to Pathology Associated with Parkinson's Disease?. <i>Novartis Foundation Symposium</i> , 2008, , 11-25.	1.2	11
1147	Pharmacologic treatment of cognitive impairment after traumatic brain injury. , 0, , 321-333.		3
1148	ERP Indices of Working Memory Updating in AD/HD: Differential Aspects of Development, Subtype, and Medication. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 32-41.	0.9	27
1149	52 Rehabilitation and Outcome of Head Injuries. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
1151	Varying degrees of plasticity in different subsystems within language. , 0, , 125-153.		4
1152	Development of Cochlear Amplification, Frequency Tuning, and Two-Tone Suppression in the Mouse. Journal of Neurophysiology, 2008, 99, 344-355.	0.9	18
1153	Developmental periods of choline sensitivity provide an ontogenetic mechanism for regulating memory capacity and age-related dementia. Frontiers in Integrative Neuroscience, 2008, 1, 7.	1.0	109
1154	Dopaminergic Suppression of Synaptic Transmission in the Lateral Entorhinal Cortex. Neural Plasticity, 2008, 2008, 1-14.	1.0	19
1155	Currents Contributing to Decision Making in Neurons B31/B32 of Aplysia. Journal of Neurophysiology, 2008, 99, 814-830.	0.9	21
1156	Methylphenidate modulates activity within cognitive neural networks of patients with post-stroke major depression: A placebo-controlled fMRI study. Neuropsychiatric Disease and Treatment, 2008, 4, 1251.	1.0	14
1157	Prefrontal Cortex and Memory. , 2008, , 261-279.		14
1158	New Motion Illusion Caused by Pictorial Motion Lines. Experimental Psychology, 2008, 55, 228-234.	0.3	5
1160	A review and empirical study of the composite scales of the Das–Naglieri cognitive assessment system. Psychology Research and Behavior Management, 2009, 2, 59.	1.3	13
1161	Consciousness, Motivation, and Emotion. , 2009, , 117-143.		0
1162	Neuroprotective Effects of the Triterpenoid, CDDO Methyl Amide, a Potent Inducer of Nrf2-Mediated Transcription. PLoS ONE, 2009, 4, e5757.	1.1	146
1163	Modeling the value of strategic actions in the Superior Colliculus. Frontiers in Behavioral Neuroscience, 2009, 3, 57.	1.0	15
1164	Enhanced long term microcircuit plasticity in the valproic acid animal model of autism. Frontiers in Synaptic Neuroscience, 2009, 1, 1.	1.3	24
1165	Emotion and memory narrowing: A review and goal-relevance approach. Cognition and Emotion, 2009, 23, 833-875.	1.2	273
1166	Class specific redundancies in natural images: A theory of extrastriate visual processing. , 2009, , .		1
1167	Constitutive Endocytosis of the Chemokine CX3CL1 Prevents Its Degradation by Cell Surface Metalloproteases. Journal of Biological Chemistry, 2009, 284, 29644-29653.	1.6	23
1168	BDNF-Mediated Cerebellar Granule Cell Development Is Impaired in Mice Null for CaMKK2 or CaMKIV. Journal of Neuroscience, 2009, 29, 8901-8913.	1.7	85
1169	p38 MAPK and β -Arrestin 2 Mediate Functional Interactions between Endogenous μ -Opioid and α -2A-Adrenergic Receptors in Neurons. Journal of Biological Chemistry, 2009, 284, 6270-6281.	1.6	47

#	ARTICLE	IF	CITATIONS
1170	Disruption of Cdk5-Associated Phosphorylation of Residue Threonine-161 of the $\hat{\nu}$ -Opioid Receptor: Impaired Receptor Function and Attenuated Morphine Antinociceptive Tolerance. <i>Journal of Neuroscience</i> , 2009, 29, 3551-3564.	1.7	69
1171	Cellular Mechanisms of Subplate-Driven and Cholinergic Input-Dependent Network Activity in the Neonatal Rat Somatosensory Cortex. <i>Cerebral Cortex</i> , 2009, 19, 89-105.	1.6	86
1172	Post-learning infusion of anisomycin into the anterior cingulate cortex impairs instrumental acquisition through an effect on reinforcer valuation. <i>Learning and Memory</i> , 2009, 16, 706-713.	0.5	6
1173	Activity-Dependent Vesicular Monoamine Transporter-Mediated Depletion of the Nucleus Supports Somatic Release by Serotonin Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 15878-15887.	1.7	37
1174	Three Patterns of Oscillatory Activity Differentially Synchronize Developing Neocortical Networks In Vivo. <i>Journal of Neuroscience</i> , 2009, 29, 9011-9025.	1.7	251
1175	Sequential Effects in Two-Choice Reaction Time Tasks: Decomposition and Synthesis of Mechanisms. <i>Neural Computation</i> , 2009, 21, 2407-2436.	1.3	59
1176	Computational Predictions on the Receptive Fields and Organization of V2 for Shape Processing. <i>Neural Computation</i> , 2009, 21, 762-785.	1.3	6
1177	Direct Actions of Carbenoxolone on Synaptic Transmission and Neuronal Membrane Properties. <i>Journal of Neurophysiology</i> , 2009, 102, 974-978.	0.9	102
1178	Aspects of the Relationship between Drug Dose and Drug Effect. <i>Dose-Response</i> , 2009, 7, dose-response.0.	0.7	26
1179	Area 3a Neuron Response to Skin Nociceptor Afferent Drive. <i>Cerebral Cortex</i> , 2009, 19, 349-366.	1.6	33
1180	Intrahippocampal infusions of anisomycin produce amnesia: Contribution of increased release of norepinephrine, dopamine, and acetylcholine. <i>Learning and Memory</i> , 2009, 16, 308-314.	0.5	56
1181	Deletion of Astrocyte Connexins 43 and 30 Leads to a Dysmyelinating Phenotype and Hippocampal CA1 Vacuolation. <i>Journal of Neuroscience</i> , 2009, 29, 7743-7752.	1.7	203
1182	Dopaminergic Neuromodulation of Semantic Processing: A 4-T fMRI Study with Levodopa. <i>Cerebral Cortex</i> , 2009, 19, 2651-2658.	1.6	39
1183	HIV-1 gp120 neurotoxicity proximally and at a distance from the point of exposure: Protection by rSV40 delivery of antioxidant enzymes. <i>Neurobiology of Disease</i> , 2009, 34, 462-476.	2.1	26
1184	Remembrance of things touched: How sensorimotor experience affects the neural instantiation of object form. <i>Neuropsychologia</i> , 2009, 47, 239-247.	0.7	20
1185	Hemispheric modulations of alpha-band power reflect the rightward shift in attention induced by enhanced attentional load. <i>Neuropsychologia</i> , 2009, 47, 41-49.	0.7	41
1186	Ventrolateral prefrontal cortex and self-initiated semantic elaboration during memory retrieval. <i>Neuropsychologia</i> , 2009, 47, 2261-2271.	0.7	39
1187	A role for right ventrolateral prefrontal cortex in reasoning about indeterminate relations. <i>Neuropsychologia</i> , 2009, 47, 2790-2797.	0.7	51

#	ARTICLE	IF	CITATIONS
1188	The type 4 phosphodiesterase inhibitors rolipram and YM976 facilitate recall of the weak version of the passive avoidance task in the day-old chick. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 92, 224-230.	1.3	2
1189	Valproate ameliorates the survival and the motor performance in a transgenic mouse model of Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 148-153.	1.3	84
1190	Galanin microinjection into the PreBötzing or the Bötzing Complex terminates central inspiratory activity and reduces responses to hypoxia and hypercapnia in rat. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 299-306.	0.7	21
1191	Coherent oscillatory networks supporting short-term memory retention. <i>Brain Research</i> , 2009, 1247, 126-132.	1.1	98
1192	Perinatal exposure to PTU decreases expression of Arc, Homer 1, Egr 1 and Kcna 1 in the rat cerebral cortex and hippocampus. <i>Brain Research</i> , 2009, 1264, 24-32.	1.1	26
1193	Region-specific alterations in glutamate receptor expression and subcellular distribution following extinction of cocaine self-administration. <i>Brain Research</i> , 2009, 1267, 89-102.	1.1	55
1194	Category expectation modulates baseline and stimulus-evoked activity in human inferotemporal cortex. <i>Brain Research</i> , 2009, 1301, 89-99.	1.1	95
1195	Increase of Kv3.1b expression in avian auditory brainstem neurons correlates with synaptogenesis in vivo and in vitro. <i>Brain Research</i> , 2009, 1302, 64-75.	1.1	9
1196	From local inhibition to long-range integration: A functional dissociation of alpha-band synchronization across cortical scales in visuospatial attention. <i>Brain Research</i> , 2009, 1303, 97-110.	1.1	107
1197	Association study between the genetic polymorphisms of glutathione-related enzymes and schizophrenia in a Japanese population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 86-94.	1.1	35
1198	3D Mapping of brain differences in native signing congenitally and prelingually deaf subjects. <i>Human Brain Mapping</i> , 2010, 31, 970-978.	1.9	29
1199	Search for the "ideal analgesic" in pain treatment by engineering the μ -opioid receptor. <i>IUBMB Life</i> , 2010, 62, 103-111.	1.5	6
1200	NOX2 mediates apoptotic death induced by staurosporine but not by potassium deprivation in cerebellar granule neurons. <i>Journal of Neuroscience Research</i> , 2009, 87, 2531-2540.	1.3	14
1201	Randomized, double-blind, pilot evaluation of intravenous glutathione in Parkinson's disease. <i>Movement Disorders</i> , 2009, 24, 979-983.	2.2	121
1202	Temporal information coding properties of a network of inhibitory interneurons. <i>Cognitive Processing</i> , 2009, 10, 85-94.	0.7	2
1203	The effect of 3-hydroxybutyrate methyl ester on learning and memory in mice. <i>Biomaterials</i> , 2009, 30, 1532-1541.	5.7	60
1204	Dopamine and Aging: Intersecting Facets. <i>Neurochemical Research</i> , 2009, 34, 601-629.	1.6	42
1205	Knowledge and Beliefs About Gambling in Australian Secondary School Students and their Implications for Education Strategies. <i>Journal of Gambling Studies</i> , 2009, 25, 523-539.	1.1	53

#	ARTICLE	IF	CITATIONS
1206	When we enhance cognition with Adderall, do we sacrifice creativity? A preliminary study. <i>Psychopharmacology</i> , 2009, 202, 541-547.	1.5	84
1207	Protective effects of epigallocatechin gallate following 3-nitropropionic acid-induced brain damage: possible nitric oxide mechanisms. <i>Psychopharmacology</i> , 2009, 207, 257-270.	1.5	34
1208	L-Type Ca ²⁺ current in frog tectal recurrent neurons determines the NMDA receptor activation on efferent neuron. <i>Experimental Brain Research</i> , 2009, 193, 509-517.	0.7	9
1209	Hypoxia, hypoxia-inducible factors (HIF), HIF hydroxylases and oxygen sensing. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3539-3554.	2.4	229
1210	Learning to breathe: control of the inspiratoryâ€“expiratory phase transition shifts from sensoryâ€“to centralâ€“dominated during postnatal development in rats. <i>Journal of Physiology</i> , 2009, 587, 4931-4948.	1.3	74
1211	Emergence of complex cell properties by learning to generalize in natural scenes. <i>Nature</i> , 2009, 457, 83-86.	13.7	175
1212	Myosin-dependent targeting of transmembrane proteins to neuronal dendrites. <i>Nature Neuroscience</i> , 2009, 12, 568-576.	7.1	182
1213	How (and why) the immune system makes us sleep. <i>Nature Reviews Neuroscience</i> , 2009, 10, 199-210.	4.9	532
1214	Developmental Social Cognitive Neuroscience: Insights From Deafness. <i>Child Development</i> , 2009, 80, 952-967.	1.7	60
1215	Visual recalibration of auditory spatial perception: two separate neural circuits for perceptual learning. <i>European Journal of Neuroscience</i> , 2009, 30, 1141-1150.	1.2	52
1216	Combination therapy with Coenzyme Q ₁₀ and creatine produces additive neuroprotective effects in models of Parkinsonâ€™s and Huntingtonâ€™s Diseases. <i>Journal of Neurochemistry</i> , 2009, 109, 1427-1439.	2.1	210
1217	Selecting features for BCI control based on a covert spatial attention paradigm. <i>Neural Networks</i> , 2009, 22, 1271-1277.	3.3	46
1218	Attention modulations of posterior alpha as a control signal for two-dimensional brainâ€“computer interfaces. <i>Journal of Neuroscience Methods</i> , 2009, 179, 78-84.	1.3	136
1219	L-Carnitine in the lipid and protein protection against ethanol-induced oxidative stress. <i>Alcohol</i> , 2009, 43, 217-223.	0.8	47
1220	Transcribe to Survive: Transcriptional Control of Antioxidant Defense Programs for Neuroprotection in Parkinsonâ€™s Disease. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 509-528.	2.5	88
1222	A model of angle selectivity in area V2 with local divisive normalization. , 2009, , .		3
1223	Cholinergic depletion of the medial septum followed by phase shifting does not impair memory or restâ€“activity rhythms measured under standard light/dark conditions in rats. <i>Brain Research Bulletin</i> , 2009, 79, 53-62.	1.4	24
1224	Heterogeneity of nervous system mitochondria: Location, location, location!. <i>Experimental Neurology</i> , 2009, 218, 293-307.	2.0	59

#	ARTICLE	IF	CITATIONS
1225	Changes in brain activation induced by the training of hypothesis generation skills: An fMRI study. <i>Brain and Cognition</i> , 2009, 69, 391-397.	0.8	21
1226	Sustained attention to local and global target features is different: Performance and tympanic membrane temperature. <i>Brain and Cognition</i> , 2009, 71, 9-13.	0.8	28
1227	Reciprocal influence of connexins and apical junction proteins on their expressions and functions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 768-778.	1.4	43
1228	Associative memory models: from the cell-assembly theory to biophysically detailed cortex simulations. <i>Trends in Neurosciences</i> , 2009, 32, 178-186.	4.2	136
1229	Estrogen modifies arousal but not memory for emotional events in older women. <i>Neurobiology of Aging</i> , 2009, 30, 1296-1304.	1.5	7
1230	The Eyes Have It: Hippocampal Activity Predicts Expression of Memory in Eye Movements. <i>Neuron</i> , 2009, 63, 592-599.	3.8	287
1231	Characterizing the effects of 5-HT _{2C} receptor ligands on motor activity and feeding behaviour in 5-HT _{2C} receptor knockout mice. <i>Neuropharmacology</i> , 2009, 57, 259-267.	2.0	71
1232	Glutamate receptors in the medial geniculate nucleus are necessary for expression and extinction of conditioned fear in rats. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 581-589.	1.0	19
1233	Aging outer hair cells (OHCs) in the Fischer 344 rat cochlea: Function and morphology. <i>Hearing Research</i> , 2009, 248, 39-47.	0.9	57
1234	Proinflammatory cytokines provoke oxidative damage to actin in neuronal cells mediated by Rac1 and NADPH oxidase. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 274-285.	1.0	52
1235	Novel Isoform-Specific Interfaces Revealed by PKA RII ² Holoenzyme Structures. <i>Journal of Molecular Biology</i> , 2009, 393, 1070-1082.	2.0	24
1236	Role of the Superior Colliculus in Choosing Mixed-Strategy Saccades. <i>Journal of Neuroscience</i> , 2009, 29, 1998-2008.	1.7	39
1237	D1 receptor antagonist-induced long-term depression in the medial prefrontal cortex of rat, in vivo: an animal model of psychiatric hypofrontality. <i>Journal of Psychopharmacology</i> , 2009, 23, 672-685.	2.0	13
1238	Anthropology and cultural neuroscience: creating productive intersections in parallel fields. <i>Progress in Brain Research</i> , 2009, 178, 31-42.	0.9	8
1239	How to Travel the World Without Jet Lag. <i>Sleep Medicine Clinics</i> , 2009, 4, 241-255.	1.2	101
1240	Sex Differences in Human Brain Structure and Function: Relevance to Learning and Memory. , 2009, , 2307-2316.		52
1241	Self-organization in the developing nervous system: Theoretical models. <i>HFSP Journal</i> , 2009, 3, 176-185.	2.5	14
1242	Anticataractogenic Effect of an Extract of the Oyster Mushroom, <i>Pleurotus ostreatus</i> , in an Experimental Animal Model. <i>Current Eye Research</i> , 2009, 34, 264-273.	0.7	21

#	ARTICLE	IF	CITATIONS
1243	A novel ANCOVA design for analysis of MEG data with application to a visual attention study. <i>NeuroImage</i> , 2009, 44, 164-174.	2.1	19
1244	Matrix Metalloproteinase-12 Deficiency Worsens Relapsing-Remitting Experimental Autoimmune Encephalomyelitis in Association with Cytokine and Chemokine Dysregulation. <i>American Journal of Pathology</i> , 2009, 174, 898-909.	1.9	42
1245	Cultural influences on memory. <i>Progress in Brain Research</i> , 2009, 178, 137-150.	0.9	62
1246	To See or Not to See: Prestimulus \pm Phase Predicts Visual Awareness. <i>Journal of Neuroscience</i> , 2009, 29, 2725-2732.	1.7	886
1247	Inhibition of Lipid Infusion-Induced Skeletal Muscle Insulin Resistance by Cotreatment With Tempol and Glutathione in Mice. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 370-380.	1.1	22
1248	Rotator Cuff Tear Pain and Tear Size and Scapulohumeral Rhythm. <i>Journal of Athletic Training</i> , 2009, 44, 148-159.	0.9	37
1249	Brain imaging correlates of cognitive impairment in depression. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 30.	1.0	39
1250	Superadditive memory strength for item and source recognition: The role of hierarchical relational binding in the medial temporal lobe. <i>Psychological Review</i> , 2009, 116, 1-19.	2.7	41
1251	Source monitoring 15 years later: What have we learned from fMRI about the neural mechanisms of source memory?. <i>Psychological Bulletin</i> , 2009, 135, 638-677.	5.5	520
1252	Reconciling findings of emotion-induced memory enhancement and impairment of preceding items. <i>Emotion</i> , 2009, 9, 763-781.	1.5	108
1253	Cerebral specialization during lucid dreaming: A right hemisphere hypothesis. <i>Dreaming</i> , 2009, 19, 273-286.	0.3	4
1254	Activity analysis enabling real-time video communication on mobile phones for deaf users. , 2009, , .		7
1255	Diabetes, Oxidative Stress, Nitric Oxide and Mitochondria Function. <i>Current Diabetes Reviews</i> , 2009, 5, 120-144.	0.6	109
1256	Targeting the Progression of Parkinsons Disease. <i>Current Neuropharmacology</i> , 2009, 7, 9-36.	1.4	69
1257	From taste hedonics to motivational drive: central μ -opioid receptors and binge-eating behaviour. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 995.	1.0	86
1258	Enhanced reactivity to visual stimuli in deaf individuals. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 167-179.	0.4	75
1259	Brain activations to emotional pictures are differentially associated with valence and arousal ratings. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 175.	1.0	60
1260	Associations between jet lag and cortisol diurnal rhythms after domestic travel. <i>Health Psychology</i> , 2010, 29, 117-123.	1.3	24

#	ARTICLE	IF	CITATIONS
1261	Invisible expressions evoke core impressions.. Emotion, 2010, 10, 573-586.	1.5	39
1262	Pharmacological Strategies for Enhancing Cognition in Schizophrenia. Current Topics in Behavioral Neurosciences, 2010, 4, 43-96.	0.8	35
1263	Functional brain organization of global and local visual perception: Analysis of event-related potentials. Human Physiology, 2010, 36, 518-534.	0.1	3
1264	Effects of modafinil and methylphenidate on visual attention capacity: a TVA-based study. Psychopharmacology, 2010, 210, 317-329.	1.5	101
1265	Impulsivity and executive functions in polysubstance-using rave attenders. Psychopharmacology, 2010, 210, 377-392.	1.5	56
1266	Long-range synchronization and local desynchronization of alpha oscillations during visual short-term memory retention in children. Experimental Brain Research, 2010, 201, 719-727.	0.7	27
1267	Whatâ€™s New in the Treatment of Cocaine Addiction?. Current Psychiatry Reports, 2010, 12, 441-447.	2.1	45
1268	The influence of L-carnitine supplementation on the antioxidative abilities of serum and the central nervous system of ethanol-induced rats. Metabolic Brain Disease, 2010, 25, 381-389.	1.4	29
1269	Convergent evidence for abnormal striatal synaptic plasticity in dystonia. Neurobiology of Disease, 2010, 37, 558-573.	2.1	112
1270	Behavioral laterality advance: Neuroanatomical evidence for the existence of hemisity. Personality and Individual Differences, 2010, 49, 34-42.	1.6	11
1271	Selenoproteins and the aging brain. Mechanisms of Ageing and Development, 2010, 131, 253-260.	2.2	116
1272	Effects of SCH23390 and spiperone administered into medial striatum and intermediate medial mesopallium on rewarding effects of morphine in day-old chicks. European Journal of Pharmacology, 2010, 627, 136-141.	1.7	15
1273	Cognitive processes supporting episodic memory formation in childhood: The role of source memory, binding, and executive functioning. Developmental Review, 2010, 30, 384-402.	2.6	59
1274	Dopamine D5 receptor immunoreactivity is differentially distributed in GABAergic interneurons and pyramidal cells in the rat medial prefrontal cortex. Brain Research, 2010, 1329, 89-102.	1.1	23
1275	Effects of postnatal dietary choline manipulation against MK-801 neurotoxicity in pre and postadolescent rats. Brain Research, 2010, 1362, 117-132.	1.1	5
1276	Between molecules and experience: Role of early patterns of coordinated activity for the development of cortical maps and sensory abilities. Brain Research Reviews, 2010, 64, 160-176.	9.1	119
1277	Update on the oxidative stress theory of aging: Does oxidative stress play a role in aging or healthy aging?. Free Radical Biology and Medicine, 2010, 48, 642-655.	1.3	367
1278	NOX activity in brain aging: Exacerbation by high fat diet. Free Radical Biology and Medicine, 2010, 49, 22-30.	1.3	56

#	ARTICLE	IF	CITATIONS
1279	Action video game players and deaf observers have larger Goldmann visual fields. <i>Vision Research</i> , 2010, 50, 548-556.	0.7	86
1280	Asia has the global advantage: Race and visual attention. <i>Vision Research</i> , 2010, 50, 1540-1549.	0.7	131
1281	Oocyte triplet pairing for electrophysiological investigation of gap junctional coupling. <i>Journal of Neuroscience Methods</i> , 2010, 188, 280-286.	1.3	0
1282	Neural basis of thinking: laboratory problems versus real-world problems. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010, 1, 613-621.	1.4	20
1283	Time course of attentional bias in anxiety: Emotion and gender specificity. <i>Psychophysiology</i> , 2010, 47, 247-259.	1.2	159
1284	Protective Effect of Sesamol against 3-Nitropropionic Acid-Induced Cognitive Dysfunction and Altered Glutathione Redox Balance in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 577-582.	1.2	44
1285	Dynamic links between theta executive functions and alpha storage buffers in auditory and visual working memory. <i>European Journal of Neuroscience</i> , 2010, 31, 1683-1689.	1.2	130
1287	History, citoarchitecture and neurophysiology of human and non human primates' parietal lobe: A review. <i>Dementia E Neuropsychologia</i> , 2010, 4, 173-180.	0.3	9
1288	Deaf Studies in the 21st Century: ., 2010, , .		10
1289	Perceptual and computational analysis of critical features for biological motion. <i>Journal of Vision</i> , 2010, 10, 15-15.	0.1	41
1290	Theory and method at the intersection of anthropology and cultural neuroscience. <i>Social Cognitive and Affective Neuroscience</i> , 2010, 5, 130-137.	1.5	42
1291	Animal Models of CNS Viral Disease: Examples from Borna Disease Virus Models. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2010, 2010, 1-6.	0.6	13
1292	Brain Inspired Cognitive Systems 2008. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	0.8	2
1293	Does gender influence cognitive outcome after traumatic brain injury?. <i>Neuropsychological Rehabilitation</i> , 2010, 20, 340-354.	1.0	37
1294	Oral methylphenidate normalizes cingulate activity in cocaine addiction during a salient cognitive task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16667-16672.	3.3	108
1295	Transcranial Direct Current Stimulation Facilitates Decision Making in a Probabilistic Guessing Task. <i>Journal of Neuroscience</i> , 2010, 30, 4241-4245.	1.7	96
1296	Iron deficiency in infancy and neurocognitive functioning at 19 years: evidence of long-term deficits in executive function and recognition memory. <i>Nutritional Neuroscience</i> , 2010, 13, 54-70.	1.5	238
1297	A Dynamic Neural Field Model of Mesoscopic Cortical Activity Captured with Voltage-Sensitive Dye Imaging. <i>PLoS Computational Biology</i> , 2010, 6, e1000919.	1.5	53

#	ARTICLE	IF	CITATIONS
1298	Stimulant Medication and Prefrontal Functional Connectivity During Working Memory in ADHD. <i>Journal of Attention Disorders</i> , 2010, 14, 69-78.	1.5	34
1299	Impact of individual differences upon emotion-induced memory trade-offs. <i>Cognition and Emotion</i> , 2010, 24, 150-167.	1.2	43
1300	Effects of amisulpride on emotional memory using a dual-process model in healthy male volunteers. <i>Journal of Psychopharmacology</i> , 2010, 24, 323-331.	2.0	6
1301	Shunting Inhibition Controls the Gain Modulation Mediated by Asynchronous Neurotransmitter Release in Early Development. <i>PLoS Computational Biology</i> , 2010, 6, e1000973.	1.5	11
1303	Oxidative Stress and Altered Mitochondrial Function in Neurodegenerative Diseases: Lessons From Mouse Models. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 439-454.	0.8	79
1304	Neural Decoding with Hierarchical Generative Models. <i>Neural Computation</i> , 2010, 22, 3127-3142.	1.3	57
1305	Locus coeruleus stimulation and noradrenergic modulation of hippocampo-prefrontal cortex long-term potentiation. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1219-1231.	1.0	38
1306	Tactile Sensing—From Humans to Humanoids. <i>IEEE Transactions on Robotics</i> , 2010, 26, 1-20.	7.3	1,379
1307	Uncoupling the D1-N-Methyl-D-Aspartate (NMDA) Receptor Complex Promotes NMDA-Dependent Long-Term Potentiation and Working Memory. <i>Biological Psychiatry</i> , 2010, 67, 246-254.	0.7	70
1308	Mammalian Per-Arnt-Sim Proteins in Environmental Adaptation. <i>Annual Review of Physiology</i> , 2010, 72, 625-645.	5.6	321
1309	A model of primate visual cortex based on category-specific redundancies in natural images. <i>Connection Science</i> , 2010, 22, 313-329.	1.8	1
1310	Expression of prestin and Gata-3,-2,-1 mRNA in the rat organ of Corti during the postnatal period and in culture. <i>Hearing Research</i> , 2010, 261, 9-21.	0.9	12
1311	Climatic influences on dryland salinity in central west New South Wales, Australia. <i>Journal of Arid Environments</i> , 2010, 74, 1216-1224.	1.2	7
1312	Voluntary exercise improves both learning and consolidation of cued conditioned fear in C57 mice. <i>Behavioural Brain Research</i> , 2010, 207, 321-331.	1.2	48
1313	EEG-fMRI reciprocal functional neuroimaging. <i>Clinical Neurophysiology</i> , 2010, 121, 1240-1250.	0.7	24
1314	A Parcellation Scheme for Human Left Lateral Parietal Cortex. <i>Neuron</i> , 2010, 67, 156-170.	3.8	327
1315	AMPA receptor subunit GluR1 downstream of D-1 dopamine receptor stimulation in nucleus accumbens shell mediates increased drug reward magnitude in food-restricted rats. <i>Neuroscience</i> , 2010, 165, 1074-1086.	1.1	44
1316	Changes in microtubule turnover accompany synaptic plasticity and memory formation in response to contextual fear conditioning in mice. <i>Neuroscience</i> , 2010, 168, 167-178.	1.1	67

#	ARTICLE	IF	CITATIONS
1317	Protective effect of montelukast against quinolinic acid/malonic acid induced neurotoxicity: possible behavioral, biochemical, mitochondrial and tumor necrosis factor- α level alterations in rats. <i>Neuroscience</i> , 2010, 171, 284-299.	1.1	43
1318	Substantia nigra, nucleus basalis magnocellularis and basolateral amygdala roles in extinction of contextual fear conditioning in the rat. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 199-205.	1.0	14
1319	Glucose exacerbates zinc-induced astrocyte death. <i>Toxicology Letters</i> , 2010, 199, 102-109.	0.4	6
1320	Major involvement of connexin 43 in seminiferous epithelial junction dynamics and male fertility. <i>Developmental Biology</i> , 2010, 346, 54-67.	0.9	99
1321	Neurally inspired rapid detection of sparse objects in videos. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
1322	Neural basis for dynamic updating of object representation in visual working memory. <i>NeuroImage</i> , 2010, 49, 3394-3403.	2.1	24
1323	Tactile expectation modulates pre-stimulus β -band oscillations in human sensorimotor cortex. <i>NeuroImage</i> , 2010, 51, 867-876.	2.1	126
1324	NOX Activity Is Increased in Mild Cognitive Impairment. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 1371-1382.	2.5	89
1325	Dopamine Receptor Signaling: Intracellular Pathways to Behavior. , 2010, , 137-173.		14
1326	Thalamocortical model for a propofol-induced α -rhythm associated with loss of consciousness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22665-22670.	3.3	331
1327	The Behavior and Social Communication of Honey Bees (<i>Apis Mellifera Carnica</i> Poll.) under the Influence of Alcohol. <i>Psychological Reports</i> , 2010, 106, 701-717.	0.9	18
1328	Why traditional expository teaching "learning approaches may founder? An experimental examination of neural networks in biology learning. <i>Journal of Biological Education</i> , 2011, 45, 83-92.	0.8	3
1329	Neuronal Mechanisms and Attentional Modulation of Corticothalamic Alpha Oscillations. <i>Journal of Neuroscience</i> , 2011, 31, 4935-4943.	1.7	369
1330	Hemispheric asymmetries in hierarchical stimulus processing are modulated by stimulus categories and their predictability. <i>Laterality</i> , 2011, 16, 333-355.	0.5	12
1331	Effects of level of processing on emotional memory: Gist and details. <i>Cognition and Emotion</i> , 2011, 25, 53-72.	1.2	12
1332	Redox Regulation of the Intrinsic Pathway in Neuronal Apoptosis. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1437-1448.	2.5	120
1333	Synaptic Scaling Stabilizes Persistent Activity Driven by Asynchronous Neurotransmitter Release. <i>Neural Computation</i> , 2011, 23, 927-957.	1.3	11
1334	Glutathione Peroxidase-1 in Health and Disease: From Molecular Mechanisms to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1957-1997.	2.5	864

#	ARTICLE	IF	CITATIONS
1335	Oscillatory Alpha-Band Mechanisms and the Deployment of Spatial Attention to Anticipated Auditory and Visual Target Locations: Supramodal or Sensory-Specific Control Mechanisms?. <i>Journal of Neuroscience</i> , 2011, 31, 9923-9932.	1.7	185
1336	Neurophenotyping Genetically Modified Mice for Social Behavior. <i>Methods in Molecular Biology</i> , 2011, 768, 343-363.	0.4	7
1337	Proprotein Convertases. <i>Methods in Molecular Biology</i> , 2011, , .	0.4	5
1338	Ready, Set, Reset: Stimulus-Locked Periodicity in Behavioral Performance Demonstrates the Consequences of Cross-Sensory Phase Reset. <i>Journal of Neuroscience</i> , 2011, 31, 9971-9981.	1.7	127
1339	Neurodegeneration. <i>Methods in Molecular Biology</i> , 2011, , .	0.4	9
1340	Animal Models of Movement Disorders. <i>Neuromethods</i> , 2011, , .	0.2	14
1341	Analysis of CCR5 and CX3CR1 gene polymorphisms in association with unexplained recurrent miscarriages among north Indian women. <i>Cytokine</i> , 2011, 56, 239-244.	1.4	5
1342	Circadian rhythm of adrenal glucocorticoid: Its regulation and clinical implications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 581-591.	1.8	223
1343	Dysfunctional play and dopamine physiology in the Fischer 344 rat. <i>Behavioural Brain Research</i> , 2011, 220, 294-304.	1.2	43
1344	How does the corpus callosum mediate interhemispheric transfer? A review. <i>Behavioural Brain Research</i> , 2011, 223, 211-221.	1.2	398
1345	Pharmacological Models of Parkinsonâ€™s Disease in Rodents. <i>Methods in Molecular Biology</i> , 2011, 793, 211-227.	0.4	2
1346	Decrease of prestin expression by increased potassium concentration in organotypic cultures of the organ of Corti of newborn rats. <i>Neuroscience Letters</i> , 2011, 499, 52-56.	1.0	2
1347	Somatosensory and visual crossmodal plasticity in the anterior auditory field of early-deaf cats. <i>Hearing Research</i> , 2011, 280, 38-47.	0.9	97
1348	Hydrogen-Rich Saline Provides Protection Against Hyperoxic Lung Injury. <i>Journal of Surgical Research</i> , 2011, 165, e43-e49.	0.8	56
1349	Dopamine D1 receptors and age differences in brain activation during working memory. <i>Neurobiology of Aging</i> , 2011, 32, 1849-1856.	1.5	103
1350	N-methyl-d-aspartate receptor subunit composition in the rat trigeminal principal nucleus remains constant during postnatal development and following neonatal denervation. <i>Neuroscience</i> , 2011, 178, 240-249.	1.1	10
1351	Reward or its denial during the neonatal period affects adult spatial memory and hippocampal phosphorylated cAMP response element-binding protein levels of both the neonatal and adult rat. <i>Neuroscience</i> , 2011, 181, 89-99.	1.1	11
1352	Proteomic analysis of short- and intermediate-term memory in <i>Hermisenda</i> . <i>Neuroscience</i> , 2011, 192, 102-111.	1.1	6

#	ARTICLE	IF	CITATIONS
1353	Lidocaine attenuates anisomycin-induced amnesia and release of norepinephrine in the amygdala. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 136-142.	1.0	17
1354	Symbol Interdependency in Symbolic and Embodied Cognition. <i>Topics in Cognitive Science</i> , 2011, 3, 273-302.	1.1	203
1355	Control of Redox State and Redox Signaling by Neural Antioxidant Systems. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1449-1465.	2.5	52
1356	Deaf individuals who work with computers present a high level of visual attention. <i>Dementia E Neuropsychologia</i> , 2011, 5, 123-128.	0.3	0
1357	Cognitive Functioning in Deaf Adults and Children. , 2011, , .		14
1358	The Role of Alpha-Band Brain Oscillations as a Sensory Suppression Mechanism during Selective Attention. <i>Frontiers in Psychology</i> , 2011, 2, 154.	1.1	946
1359	Gain Modulation by an Urgency Signal Controls the Speedâ€“Accuracy Trade-Off in a Network Model of a Cortical Decision Circuit. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 7.	1.2	55
1360	Information Diversity in Structure and Dynamics of Simulated Neuronal Networks. <i>Frontiers in Computational Neuroscience</i> , 2011, 5, 26.	1.2	11
1361	The Promise of Neuroprotective Agents in Parkinson?s Disease. <i>Frontiers in Neurology</i> , 2011, 2, 68.	1.1	94
1362	Activity Dependent Protein Degradation Is Critical for the Formation and Stability of Fear Memory in the Amygdala. <i>PLoS ONE</i> , 2011, 6, e24349.	1.1	155
1363	Prefrontal Asymmetry and Parent-Rated Temperament in Infants. <i>PLoS ONE</i> , 2011, 6, e22694.	1.1	16
1364	Audiovisual Asynchrony Detection and Speech Intelligibility in Noise With Moderate to Severe Sensorineural Hearing Impairment. <i>Ear and Hearing</i> , 2011, 32, 582-592.	1.0	35
1365	Gaze Patterns during Identity and Emotion Judgments in Hearing Adults and Deaf Users of American Sign Language. <i>Perception</i> , 2011, 40, 563-575.	0.5	39
1366	Relationship between a Self-Reported ADHD Questionnaire and Sustained Attention to Local and Global Target Features. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 904-908.	0.2	1
1367	Cross-Modal Spatial Cueing of Attention Influences Visual Perception. <i>Frontiers in Neuroscience</i> , 2011, , 509-528.	0.0	3
1368	Generational Association Studies of Dopaminergic Genes in Reward Deficiency Syndrome (RDS) Subjects: Selecting Appropriate Phenotypes for Reward Dependence Behaviors. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 4425-4459.	1.2	106
1369	Deaf and hearing children: a comparison of peripheral vision development. <i>Developmental Science</i> , 2011, 14, 725-737.	1.3	44
1370	Processing Spatial Relations With Different Apertures of Attention. <i>Cognitive Science</i> , 2011, 35, 297-329.	0.8	18

#	ARTICLE	IF	CITATIONS
1371	A Quantitative Meta-Analysis on Cue-Induced Male Sexual Arousal. <i>Journal of Sexual Medicine</i> , 2011, 8, 2269-2275.	0.3	82
1372	Cognitive impairment in humanized APP ^{ΔE42} –PS1 mice is linked to A β ²¹⁻⁴² and NOX activation. <i>Neurobiology of Disease</i> , 2011, 44, 317-326.	2.1	81
1373	Exponential transient propagating oscillations in a ring of spiking neurons with unidirectional slow inhibitory synaptic coupling. <i>Journal of Theoretical Biology</i> , 2011, 289, 151-159.	0.8	24
1374	Caffeine-induced physiological arousal accentuates global processing biases. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 59-65.	1.3	15
1375	Development of the retina and optic pathway. <i>Vision Research</i> , 2011, 51, 613-632.	0.7	124
1376	Preference for binocular concordant visual input in early postnatal development remains despite prior monocular deprivation. <i>Vision Research</i> , 2011, 51, 1351-1359.	0.7	8
1378	A Taxonomy of External and Internal Attention. <i>Annual Review of Psychology</i> , 2011, 62, 73-101.	9.9	1,027
1380	Molecular Biology of Mu Opioid Receptors. , 2011, , 121-160.		9
1381	Expression Analysis of Prestin and Selected Transcription Factors in Newborn Rats. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 1089-1101.	1.7	11
1382	Role of CAMKII in reinforcement learning: a computational model of glutamate and dopamine signaling pathways. <i>Biological Cybernetics</i> , 2011, 104, 397-424.	0.6	6
1383	A computational study of multisensory maturation in the superior colliculus (SC). <i>Experimental Brain Research</i> , 2011, 213, 341-349.	0.7	25
1384	Acute and long-term response of dopamine nigrostriatal synapses to a single, low-dose episode of 3-nitropropionic acid-mediated chemical hypoxia. <i>Synapse</i> , 2011, 65, 339-350.	0.6	8
1385	Predictive coding. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2011, 2, 580-593.	1.4	323
1386	Requirement for the endocannabinoid system in social interaction impairment induced by coactivation of dopamine D1 and D2 receptors in the piriform cortex. <i>Journal of Neuroscience Research</i> , 2011, 89, 1245-1258.	1.3	18
1387	Dissociable brain states linked to common and creative object use. <i>Human Brain Mapping</i> , 2011, 32, 665-675.	1.9	104
1388	Effects of retinoic acid and butyric acid on the expression of prestin and gata3 in organotypic cultures of the organ of corti of newborn rats. <i>Developmental Neurobiology</i> , 2011, 71, 650-661.	1.5	9
1389	Enhanced right amygdala activity in adolescents during encoding of positively valenced pictures. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 88-99.	1.9	33
1390	Ovarian hormones and propensity to drug relapse: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 427-436.	2.9	83

#	ARTICLE	IF	CITATIONS
1391	Effects of l-theanine on attention and reaction time response. <i>Journal of Functional Foods</i> , 2011, 3, 171-178.	1.6	37
1392	Adaptation and maladaptation. <i>Progress in Brain Research</i> , 2011, 191, 177-194.	0.9	44
1393	Oxidation Chemistry of Catecholamines and Neuronal Degeneration: An Update. <i>Current Medicinal Chemistry</i> , 2011, 18, 1832-1845.	1.2	118
1394	Modeling the cholinergic innervation in the infant cortico-hippocampal system and its contribution to early memory development and attention. , 2011, , .		3
1395	A columnar V1/V2 visual cortex model and emulation using a PS3 cell-BE array. , 2011, , .		3
1396	Executive functioning and the impact of a hearing loss: Performance-based measures and the Behavior Rating Inventory of Executive Function (BRIEF). <i>Child Neuropsychology</i> , 2011, 17, 521-545.	0.8	27
1397	Differential Functional Roles of Slow-Wave and Oscillatory-Alpha Activity in Visual Sensory Cortex during Anticipatory Visual Spatial Attention. <i>Cerebral Cortex</i> , 2011, 21, 2204-2216.	1.6	38
1398	A Context for Normalizing Impulsiveness at Work for Adults with Attention Deficit/Hyperactivity Disorder (Combined Type). <i>Archives of Clinical Neuropsychology</i> , 2011, 26, 602-613.	0.3	31
1399	Dynamic Activation of Frontal, Parietal, and Sensory Regions Underlying Anticipatory Visual Spatial Attention. <i>Journal of Neuroscience</i> , 2011, 31, 13880-13889.	1.7	64
1400	Downregulation of Parvalbumin at Cortical GABA Synapses Reduces Network Gamma Oscillatory Activity. <i>Journal of Neuroscience</i> , 2011, 31, 18137-18148.	1.7	145
1401	Zinc transporter ZnT-3 regulates presynaptic Erk1/2 signaling and hippocampus-dependent memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3366-3370.	3.3	156
1402	Common and Distinct Mechanisms of Cognitive Flexibility in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 4771-4779.	1.7	176
1403	AKAP Signaling in Reinstated Cocaine Seeking Revealed by iTRAQ Proteomic Analysis. <i>Journal of Neuroscience</i> , 2011, 31, 5648-5658.	1.7	41
1404	Adaptive dysfunction of selenoproteins from the perspective of the triage theory: why modest selenium deficiency may increase risk of diseases of aging. <i>FASEB Journal</i> , 2011, 25, 1793-1814.	0.2	105
1405	Perceiving the Tree in the Woods: Segregating Brain Responses to Stimuli Constituting Natural Scenes. <i>Journal of Neuroscience</i> , 2011, 31, 17713-17718.	1.7	30
1406	Synergy Between Glutathione Peroxidase-1 and Astrocytic Growth Factors Suppresses Free Radical Generation and Protects Dopaminergic Neurons against 6-Hydroxydopamine. <i>Rejuvenation Research</i> , 2011, 14, 195-204.	0.9	31
1407	The Biochemical and Cellular Basis for Nutraceutical Strategies to Attenuate Neurodegeneration in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2011, 12, 506-569.	1.8	33
1408	Local and global cross-modal influences between vision and hearing, tasting, smelling, or touching. <i>Journal of Experimental Psychology: General</i> , 2011, 140, 364-389.	1.5	27

#	ARTICLE	IF	CITATIONS
1409	Adaptive crossmodal plasticity in deaf auditory cortex. <i>Progress in Brain Research</i> , 2011, 191, 251-270.	0.9	33
1410	The effects of distraction and a brief intervention on auditory and visual-spatial working memory in college students with attention deficit hyperactivity disorder. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 791-805.	0.8	7
1412	Do left and right asymmetries of hemispheric preference interact with attention to predict local and global performance in applied tasks?. <i>Laterality</i> , 2012, 17, 647-672.	0.5	2
1413	Crosstalk within GPCR Heteromers in Schizophrenia and Parkinsons Disease: Physical or Just Functional?. <i>Current Medicinal Chemistry</i> , 2012, 19, 1119-1134.	1.2	10
1414	Brains and Games. <i>Organizational Research Methods</i> , 2012, 15, 522-552.	5.6	25
1415	Attentional Cues Affect Accuracy and Reaction Time via Different Cognitive and Neural Processes. <i>Journal of Neuroscience</i> , 2012, 32, 10408-10412.	1.7	92
1416	The Memory-Ameliorating Effects of <i>Artemisia princeps</i> var. <i>orientalis</i> Against Cholinergic Dysfunction in Mice. <i>The American Journal of Chinese Medicine</i> , 2012, 40, 993-1005.	1.5	4
1417	Influence of COMT val158met and ADRA2B deletion polymorphisms on recollection and familiarity components of human emotional memory. <i>Journal of Psychopharmacology</i> , 2012, 26, 819-829.	2.0	13
1418	Lateralized Auditory Cortical Alpha Band Activity and Interregional Connectivity Pattern Reflect Anticipation of Target Sounds. <i>Cerebral Cortex</i> , 2012, 22, 1604-1613.	1.6	90
1419	Minicolumn size and human cortex. <i>Progress in Brain Research</i> , 2012, 195, 219-235.	0.9	12
1420	Neural Manipulation of Gene Expression. , 2012, , 39-80.		0
1421	Ontogeny. , 2012, , 307-326.		0
1422	The Epigenetic System of Inheritance—An Outline. , 2012, , 229-254.		0
1423	Thalamic model of awake alpha oscillations and implications for stimulus processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18553-18558.	3.3	130
1424	Thiol-Redox Signaling, Dopaminergic Cell Death, and Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1764-1784.	2.5	73
1425	Alpha-band oscillations, attention, and controlled access to stored information. <i>Trends in Cognitive Sciences</i> , 2012, 16, 606-617.	4.0	2,196
1426	Methylphenidate (MPH) promotes visual cortical activation in healthy adults in a cued visuomotor task. <i>Journal of Neural Transmission</i> , 2012, 119, 1455-1464.	1.4	1
1427	Effects of maternal separation and methamphetamine exposure on protein expression in the nucleus accumbens shell and core. <i>Metabolic Brain Disease</i> , 2012, 27, 363-375.	1.4	7

#	ARTICLE	IF	CITATIONS
1428	Chemical Neurotransmission from Retinal Ganglion Cells to Superior Colliculus Neurons under Conditions of Long-Lasting Neighboring Co-Culturing. <i>Neurophysiology</i> , 2012, 44, 356-362.	0.2	2
1429	Potential of dopamine D1-like receptor signaling by concomitant activation of $\hat{\nu}$ - and $\hat{\nu}$ ₄ -opioid receptors in mouse medial prefrontal cortex. <i>Neurochemistry International</i> , 2012, 61, 1404-1416.	1.9	19
1430	Learning Through Emotion: Moving the Affective in From the Margins. <i>International Journal of Early Childhood</i> , 2012, 44, 203-218.	0.6	6
1431	Upregulation of haeme oxygenase-1 by zinc in HCT-116 cells. <i>Free Radical Research</i> , 2012, 46, 1099-1107.	1.5	14
1432	The effect of gabapentin on oxidative stress in a model of toxic demyelination in rat brain. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2012, 23, 61-68.	0.7	22
1433	Effect of Acute Exercise on Executive Function in Children with Attention Deficit Hyperactivity Disorder. <i>Archives of Clinical Neuropsychology</i> , 2012, 27, 225-237.	0.3	175
1434	Luteolin from Purple Perilla mitigates ROS insult particularly in primary neurons. <i>Neurobiology of Aging</i> , 2012, 33, 176-186.	1.5	67
1437	EEG-power and -coherence changes in a unimodal and a crossmodal working memory task with visual and kinesthetic stimuli. <i>International Journal of Psychophysiology</i> , 2012, 83, 87-95.	0.5	14
1438	Beta band oscillations engagement in human alertness process. <i>International Journal of Psychophysiology</i> , 2012, 85, 125-128.	0.5	141
1439	The countervailing forces of binding and selection in vision. <i>Cortex</i> , 2012, 48, 1035-1042.	1.1	5
1440	Dynamical Synapses Enhance Neural Information Processing: Gracefulness, Accuracy, and Mobility. <i>Neural Computation</i> , 2012, 24, 1147-1185.	1.3	36
1441	A Columnar V1/V2 Visual Cortex Model and Emulation. , 2012, , 269-290.		0
1442	Effects of subjective preference of colors on attention-related occipital theta oscillations. <i>NeuroImage</i> , 2012, 59, 808-814.	2.1	63
1443	Towards Medication-Enhancement of Cognitive Interventions in Schizophrenia. <i>Handbook of Experimental Pharmacology</i> , 2012, , 81-111.	0.9	18
1444	Architecture of the Cerebral Cortex. , 2012, , 836-895.		37
1445	Characterizing Responses of Translation-Invariant Neurons to Natural Stimuli: Maximally Informative Invariant Dimensions. <i>Neural Computation</i> , 2012, 24, 2384-2421.	1.3	15
1446	Novelty, Information and Surprise. , 2012, , .		25
1447	Oscillatory dynamics related to the Unagreement pattern in Spanish. <i>Neuropsychologia</i> , 2012, 50, 2584-2597.	0.7	36

#	ARTICLE	IF	CITATIONS
1448	A Simple Artificial Life Model Explains Irrational Behavior in Human Decision-Making. PLoS ONE, 2012, 7, e34371.	1.1	7
1449	Circadian Rhythm Disorders III. , 2012, , .		0
1450	Alcohol Exposure Alters Mouse Lung Inflammation in Response to Inhaled Dust. Nutrients, 2012, 4, 695-710.	1.7	14
1451	Emotional arousal and multiple memory systems in the mammalian brain. Frontiers in Behavioral Neuroscience, 2012, 6, 14.	1.0	84
1452	Is He Being Bad? Social and Language Brain Networks during Social Judgment in Children with Autism. PLoS ONE, 2012, 7, e47241.	1.1	22
1453	Cellular Antioxidant Defenses and Amelioration by Biopigments with Particular Focus on mRNA Oxidations. ACS Symposium Series, 2012, , 487-519.	0.5	0
1454	Training the brain: Practical applications of neural plasticity from the intersection of cognitive neuroscience, developmental psychology, and prevention science.. American Psychologist, 2012, 67, 87-100.	3.8	171
1455	Bioinorganic Chemistry of Alzheimer's Disease. Chemical Reviews, 2012, 112, 5193-5239.	23.0	581
1456	The timing of multiple retrieval events can alter GluR1 phosphorylation and the requirement for protein synthesis in fear memory reconsolidation. Learning and Memory, 2012, 19, 300-306.	0.5	45
1457	Role of medial cortical networks for anticipatory processing in obsessive-compulsive disorder. Human Brain Mapping, 2012, 33, 2125-2134.	1.9	21
1458	Developmental Changes in Measures of Hierarchical Stimulus Recognition in Conditions of Directed Attention in Children Aged 5-10 Years. Neuroscience and Behavioral Physiology, 2012, 42, 338-346.	0.2	5
1459	Expression of the G125/R7-RGS protein complex in pituitary and pancreatic islet cells. Endocrine, 2012, 42, 214-217.	1.1	11
1460	The role of temporo-parietal junction (TPJ) in global Gestalt perception. Brain Structure and Function, 2012, 217, 735-746.	1.2	45
1461	Increased interaction of connexin43 with zonula occludens-1 during inhibition of gap junctions by G protein-coupled receptor agonists. Cellular Signalling, 2012, 24, 86-98.	1.7	29
1462	Oxidative stress and diabetes: What can we learn about insulin resistance from antioxidant mutant mouse models?. Free Radical Biology and Medicine, 2012, 52, 46-58.	1.3	234
1463	Functional activation of the parahippocampal cortex and amygdala during social statistical information processing. Cognitive Systems Research, 2012, 17-18, 25-33.	1.9	4
1464	Psychophysical evidence for interactions between visual motion and form processing at the level of motion integrating receptive fields. Neuropsychologia, 2012, 50, 153-159.	0.7	20
1465	Neural bases of selective attention in action video game players. Vision Research, 2012, 61, 132-143.	0.7	239

#	ARTICLE	IF	CITATIONS
1466	Endomorphins: potential roles and therapeutic indications in the development of opioid peptide analgesic drugs. <i>Medicinal Research Reviews</i> , 2012, 32, 536-580.	5.0	62
1467	Neutral sphingomyelinase activation precedes NADPH oxidase-dependent damage in neurons exposed to the proinflammatory cytokine tumor necrosis factor- α . <i>Journal of Neuroscience Research</i> , 2012, 90, 229-242.	1.3	49
1468	Laminar Expression of Ephrin-A2 in Primary Somatosensory Cortex of Postnatal Rats. <i>Anatomical Record</i> , 2012, 295, 105-112.	0.8	2
1469	The prior-antisaccade effect influences the planning and online control of prosaccades. <i>Experimental Brain Research</i> , 2012, 216, 545-552.	0.7	20
1470	Learning-Related Changes in Adolescents' Neural Networks During Hypothesis-Generating and Hypothesis-Understanding Training. <i>Science and Education</i> , 2012, 21, 1-31.	1.7	15
1471	Lateralization of Frequency-Specific Networks for Covert Spatial Attention to Auditory Stimuli. <i>Brain Topography</i> , 2012, 25, 39-54.	0.8	27
1472	Emotional content enhances true but not false memory for categorized stimuli. <i>Memory and Cognition</i> , 2013, 41, 403-415.	0.9	37
1473	The specific features of free-radical processes and the antioxidant defense in the adult brain. <i>Neurochemical Journal</i> , 2013, 7, 89-97.	0.2	12
1474	Changes in Evoked Cortical Electrical Activity at Different Time Points after Warning and Target Stimuli. <i>Neuroscience and Behavioral Physiology</i> , 2013, 43, 183-192.	0.2	0
1475	Friedreich ataxia: metal dysmetabolism in dorsal root ganglia. <i>Acta Neuropathologica Communications</i> , 2013, 1, 26.	2.4	24
1476	Feeling Too Regretful to Fall Asleep: Experimental Activation of Regret Delays Sleep Onset. <i>Cognitive Therapy and Research</i> , 2013, 37, 872-880.	1.2	20
1477	Deafness. <i>Springer Handbook of Auditory Research</i> , 2013, , .	0.3	3
1478	Towards a Theoretical Neuroscience: from Cell Chemistry to Cognition. , 2013, , .		9
1479	Music therapy with disorders of consciousness and neuroscience: the need for dialogue. <i>Nordic Journal of Music Therapy</i> , 2013, 22, 93-106.	0.7	13
1480	Relationship Between Serum Level of Selenium and Metabolites Using ¹ HNMR-Based Metabonomics in Parkinson's Disease. <i>Applied Magnetic Resonance</i> , 2013, 44, 721-734.	0.6	7
1481	Timing matters: Age-related changes in episodic retrieval control as revealed by event-related potentials. <i>Brain Research</i> , 2013, 1537, 143-155.	1.1	9
1483	Synergistic analgesic effects between neuronostatin and morphine at the supraspinal level. <i>Peptides</i> , 2013, 44, 105-110.	1.2	5
1484	Reversal effect of monoisoamyl dimercaptosuccinic acid (MiADMSA) for arsenic and lead induced perturbations in apoptosis and antioxidant enzymes in developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 586-597.	0.7	27

#	ARTICLE	IF	CITATIONS
1485	Oxidative stress, neurodegeneration, and the balance of protein degradation and protein synthesis. <i>Free Radical Biology and Medicine</i> , 2013, 62, 170-185.	1.3	296
1486	Vestibular nuclei characterized by calcium-binding protein immunoreactivity and tract tracing in Gekko gecko. <i>Hearing Research</i> , 2013, 296, 1-12.	0.9	3
1487	Robotic Tactile Sensing. , 2013, , .		180
1488	Retinal Waves. , 2013, , 909-920.		5
1489	Novel Word Processing. <i>American Journal of Psychology</i> , 2013, 126, 323-333.	0.5	5
1490	Asphyxia induced by umbilical cord occlusion alters glutamatergic and GABAergic synaptic transmission in neurons of the superior colliculus in fetal rats. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 274-279.	0.7	1
1491	EEG alpha and cortical inhibition in affective attention. <i>International Journal of Psychophysiology</i> , 2013, 89, 26-36.	0.5	91
1492	Attention-modulated Alpha-band Oscillations Protect against Intrusion of Irrelevant Information. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1463-1476.	1.1	89
1493	Dynamics of Induced Cortical Electrical Activity during the Pauses between Target and Trigger Stimuli on Formation of a Set to an Emotionally Negative Facial Expression. <i>Neuroscience and Behavioral Physiology</i> , 2013, 43, 838-845.	0.2	1
1494	Changes in the low- and high-frequency oscillations of the EEG β -band in the intervals between meaningful visual stimuli. <i>Human Physiology</i> , 2013, 39, 339-345.	0.1	2
1495	Glutathione Peroxidase-1 Reduces Influenza A Virus-Induced Lung Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 17-26.	1.4	65
1496	From structure to function, via dynamics. , 2013, , .		1
1497	Oxytocin modulates dopamine-mediated reward in the rat subthalamic nucleus. <i>Hormones and Behavior</i> , 2013, 63, 370-375.	1.0	35
1498	Edible blue-green algae reduce the production of pro-inflammatory cytokines by inhibiting NF- κ B pathway in macrophages and splenocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2981-2988.	1.1	81
1499	1H MRSI of middle frontal gyrus in pediatric ADHD. <i>Journal of Psychiatric Research</i> , 2013, 47, 505-512.	1.5	49
1500	Reorganization of the auditory, visual and multimodal areas in early deaf individuals. <i>Neuroscience</i> , 2013, 245, 50-60.	1.1	58
1501	Asymmetrical hemisphere activation enhances global-local processing. <i>Brain and Cognition</i> , 2013, 83, 337-341.	0.8	46
1502	A left-hand superiority for the implicit detection of a rule. <i>Cortex</i> , 2013, 49, 582-590.	1.1	0

#	ARTICLE	IF	CITATIONS
1503	On brain fluctuations and the challenges ahead. <i>Chaos, Solitons and Fractals</i> , 2013, 55, 60-63.	2.5	3
1504	Selective activation of either mGlu2 or mGlu3 receptors can induce LTD in the amygdala. <i>Neuropharmacology</i> , 2013, 66, 196-201.	2.0	20
1505	A Match Made by Modafinil: Probability Matching in Choice Decisions and Spatial Attention. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 657-669.	1.1	8
1506	Information coding in a laminar computational model of cat primary visual cortex. <i>Journal of Computational Neuroscience</i> , 2013, 34, 273-283.	0.6	8
1507	Working Memory Processes Are Mediated by Local and Long-range Synchronization of Alpha Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1343-1357.	1.1	42
1508	Artificial Sense of Slip—A Review. <i>IEEE Sensors Journal</i> , 2013, 13, 2489-2498.	2.4	82
1509	Glutathione and thioredoxin dependent systems in neurodegenerative disease: What can be learned from reverse genetics in mice. <i>Neurochemistry International</i> , 2013, 62, 738-749.	1.9	30
1510	Role of reactive oxygen species and NADPH-oxidase in the development of rat cerebellum. <i>Neurochemistry International</i> , 2013, 62, 998-1011.	1.9	36
1511	Synergistical neuroprotection of rofecoxib and statins against malonic acid induced Huntington's disease like symptoms and related cognitive dysfunction in rats. <i>European Journal of Pharmacology</i> , 2013, 709, 1-12.	1.7	21
1512	Updating dopamine reward signals. <i>Current Opinion in Neurobiology</i> , 2013, 23, 229-238.	2.0	525
1513	Upregulation of Glutathione Peroxidase-1 Expression and Activity by Glial Cell Line-Derived Neurotrophic Factor Promotes High-Level Protection of PC12 Cells Against 6-Hydroxydopamine and Hydrogen Peroxide Toxicities. <i>Rejuvenation Research</i> , 2013, 16, 185-199.	0.9	15
1514	Is There Neurosexism in Functional Neuroimaging Investigations of Sex Differences?. <i>Neuroethics</i> , 2013, 6, 369-409.	1.7	46
1515	Glutathione metabolism and Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2013, 62, 13-25.	1.3	336
1516	Children's and adults' memory for emotional pictures: Examining age-related patterns using the Developmental Affective Photo System. <i>Journal of Experimental Child Psychology</i> , 2013, 114, 339-356.	0.7	53
1517	Emotional States from Affective Dynamics. <i>Emotion Review</i> , 2013, 5, 344-355.	2.1	159
1518	Development and validation of the Personal Nostalgia Scale. <i>Journal of Marketing Communications</i> , 2013, 19, 22-43.	2.7	46
1519	A functional near-infrared spectroscopy study of sustained attention to local and global target features. <i>Brain and Cognition</i> , 2013, 81, 370-375.	0.8	33
1520	Neuroscience for Clinicians. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
1521	The impact on midlevel vision of statistically optimal divisive normalization in V1. <i>Journal of Vision</i> , 2013, 13, 13-13.	0.1	15
1522	Agmatine attenuates acquisition but not the expression of ethanol conditioned place preference in mice. <i>Behavioural Pharmacology</i> , 2013, 24, 87-94.	0.8	12
1523	Retrieval Expectations Affect False Recollection: Insights From a Criterial Recollection Task. <i>Current Directions in Psychological Science</i> , 2013, 22, 316-323.	2.8	29
1524	Motion-form interactions beyond the motion integration level: Evidence for interactions between orientation and optic flow signals. <i>Journal of Vision</i> , 2013, 13, 16-16.	0.1	20
1525	Human Tactile Sensing. , 2013, , 19-41.		3
1526	Advances in Cognitive Neurodynamics (III). , 2013, , .		5
1527	Development of endogenous orienting of attention in school-age children. <i>Child Neuropsychology</i> , 2013, 19, 400-419.	0.8	19
1528	Gender difference in recognition memory for neutral and emotional faces. <i>Memory</i> , 2013, 21, 991-1003.	0.9	32
1529	<sc>GABA</sc>_A, <sc>NMDA</sc> and m<sc>G</sc>lu2 receptors tonically regulate inhibition and excitation in the thalamic reticular nucleus. <i>European Journal of Neuroscience</i> , 2013, 37, 850-859.	1.2	28
1530	Nanotoxicology of common metal oxide based nanomaterials: their ROS– and non–ROS– consequences. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 205-217.	0.8	41
1531	Visual Attention in Deaf Humans: A Neuroplasticity Perspective. <i>Springer Handbook of Auditory Research</i> , 2013, , 237-263.	0.3	18
1532	Neuroscience and Facial Expressions of Emotion: The Role of Amygdala–Prefrontal Interactions. <i>Emotion Review</i> , 2013, 5, 78-83.	2.1	53
1533	The Impact of Deafness on the Human Central Auditory and Visual Systems. <i>Springer Handbook of Auditory Research</i> , 2013, , 189-215.	0.3	3
1534	Learning and Memory. , 2013, , 1029-1051.		1
1535	Memory Consolidation. , 2013, , .		9
1536	Understanding Deafhood: In Search of Its Meanings. <i>American Annals of the Deaf</i> , 2013, 157, 428-438.	0.1	28
1537	Age-Related Behavioral Phenotype of an Astrocytic Monoamine Oxidase-B Transgenic Mouse Model of Parkinson–s Disease. <i>PLoS ONE</i> , 2013, 8, e54200.	1.1	58
1538	Eye Exercises Enhance Accuracy and Letter Recognition, but Not Reaction Time, in a Modified Rapid Serial Visual Presentation Task. <i>PLoS ONE</i> , 2013, 8, e59244.	1.1	16

#	ARTICLE	IF	CITATIONS
1539	Structure-Dynamics Relationships in Bursting Neuronal Networks Revealed Using a Prediction Framework. PLoS ONE, 2013, 8, e69373.	1.1	15
1540	Emotion, Stress, and Memory. , 2013, , .		2
1541	Behavioral laterality of the brain: support for the binary construct of hemisity. Frontiers in Psychology, 2013, 4, 683.	1.1	13
1542	Benefits and detriments of unilateral cochlear implant use on bilateral auditory development in children who are deaf. Frontiers in Psychology, 2013, 4, 719.	1.1	60
1543	Emerging phenomena in neural networks with dynamic synapses and their computational implications. Frontiers in Computational Neuroscience, 2013, 7, 30.	1.2	13
1544	Switching between global and local levels: the level repetition effect and its hemispheric asymmetry. Frontiers in Psychology, 2014, 5, 252.	1.1	7
1545	Posttraumatic Stress Disorder: A Theoretical Model of the Hyperarousal Subtype. Frontiers in Psychiatry, 2014, 5, 37.	1.3	76
1546	Vagus nerve stimulation enhances extinction of conditioned fear and modulates plasticity in the pathway from the ventromedial prefrontal cortex to the amygdala. Frontiers in Behavioral Neuroscience, 2014, 8, 327.	1.0	105
1547	Chemokines in the balance: maintenance of homeostasis and protection at CNS barriers. Frontiers in Cellular Neuroscience, 2014, 8, 154.	1.8	118
1548	Hierarchical representation of shapes in visual cortex from localized features to figural shape segregation. Frontiers in Computational Neuroscience, 2014, 8, 93.	1.2	18
1549	When memory leads the brain to take scenes at face value: face areas are reactivated at test by scenes that were paired with faces at study. Frontiers in Human Neuroscience, 2014, 8, 18.	1.0	6
1550	Enhanced peripheral visual processing in congenitally deaf humans is supported by multiple brain regions, including primary auditory cortex. Frontiers in Human Neuroscience, 2014, 8, 177.	1.0	82
1551	Dynamic peripheral visual performance relates to alpha activity in soccer players. Frontiers in Human Neuroscience, 2014, 8, 913.	1.0	6
1552	Augmentation-related brain plasticity. Frontiers in Systems Neuroscience, 2014, 8, 109.	1.2	65
1553	A moving-barber-pole illusion. Journal of Vision, 2014, 14, 1-1.	0.1	8
1555	Prefrontal Cortical Dopamine Transmission. , 2014, , 467-501.		3
1556	The Importance of Ignoring. Current Directions in Psychological Science, 2014, 23, 171-177.	2.8	79
1557	Place and the self: An autobiographical memory synthesis. Philosophical Psychology, 2014, 27, 164-192.	0.5	54

#	ARTICLE	IF	CITATIONS
1558	Daily rhythms of catalase and glutathione peroxidase expression and activity are endogenously driven in the hippocampus and are modified by a vitamin A-free diet. <i>Nutritional Neuroscience</i> , 2014, 17, 21-30.	1.5	9
1559	A biological perspective of Viola-Jones face detection. , 2014, , .		1
1560	Following the ontogeny of retinal waves: pan-retinal recordings of population dynamics in the neonatal mouse. <i>Journal of Physiology</i> , 2014, 592, 1545-1563.	1.3	109
1561	Revisiting the adaptive and maladaptive effects of crossmodal plasticity. <i>Neuroscience</i> , 2014, 283, 44-63.	1.1	80
1562	Cross-modal decoupling in temporal attention. <i>European Journal of Neuroscience</i> , 2014, 39, 2089-2097.	1.2	18
1563	Cross-modal reorganization of cortical afferents to dorsal auditory cortex following early and late-onset deafness. <i>Journal of Comparative Neurology</i> , 2014, 522, 654-675.	0.9	58
1564	Anticipation Increases Tactile Stimulus Processing in the Ipsilateral Primary Somatosensory Cortex. <i>Cerebral Cortex</i> , 2014, 24, 2562-2571.	1.6	27
1565	Melatonin Reduces Projection Neuronal Injury Induced by 3-Nitropropionic Acid in the Rat Striatum. <i>Neurodegenerative Diseases</i> , 2014, 14, 139-150.	0.8	19
1566	Oxidative Stress, Neuroinflammation, and Neurodegeneration. , 2014, , 81-104.		13
1567	Perinatal Exposure to Lead: Reduction in Alterations of Brain Mitochondrial Antioxidant System with Calcium Supplement. <i>Biological Trace Element Research</i> , 2014, 162, 270-277.	1.9	18
1568	The spatial synchronization and power of the alpha and theta rhythm after Go/NoGo signals. <i>Human Physiology</i> , 2014, 40, 642-648.	0.1	0
1569	The Impact of Aging and Alzheimer's Disease on Emotional Enhancement of Memory. <i>European Neurology</i> , 2014, 72, 30-37.	0.6	8
1570	Compensatory Plasticity in the Deaf Brain: Effects on Perception of Music. <i>Brain Sciences</i> , 2014, 4, 560-574.	1.1	17
1571	Insights from the animal kingdom. <i>Journal of Consumer Psychology</i> , 2014, 24, 572-585.	3.2	6
1572	Attentional modulations of somatosensory alpha, beta and gamma oscillations dissociate between anticipation and stimulus processing. <i>NeuroImage</i> , 2014, 97, 134-141.	2.1	83
1573	Oscillatory brain responses in spoken word production reflect lexical frequency and sentential constraint. <i>Neuropsychologia</i> , 2014, 53, 146-156.	0.7	68
1574	A matched filter hypothesis for cognitive control. <i>Neuropsychologia</i> , 2014, 62, 341-355.	0.7	115
1575	What do experts think we should do to achieve brain health?. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 43, 240-258.	2.9	27

#	ARTICLE	IF	CITATIONS
1576	Enhancing vigilance in operators with prefrontal cortex transcranial direct current stimulation (tDCS). <i>NeuroImage</i> , 2014, 85, 909-917.	2.1	250
1577	Persistent impairments in hippocampal function following a brief series of photoperiod shifts in rats. <i>Animal Cognition</i> , 2014, 17, 127-141.	0.9	27
1578	Source Localisation of Visual Evoked Potentials in Congenitally Deaf Individuals. <i>Brain Topography</i> , 2014, 27, 412-424.	0.8	34
1579	Extraversion and Neuroticism Mediate Associations Between Openness, Conscientiousness, and Agreeableness and Affective Well-Being. <i>Journal of Happiness Studies</i> , 2014, 15, 1377-1388.	1.9	19
1580	Alpha power increases in right parietal cortex reflects focused internal attention. <i>Neuropsychologia</i> , 2014, 56, 393-400.	0.7	280
1581	Brain activation related to the perception of minimal agency cues: The role of the mirror system. <i>NeuroImage</i> , 2014, 86, 364-369.	2.1	11
1582	Did I turn off the gas? Reality monitoring of everyday actions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 209-219.	1.0	16
1583	Directed Information Measures in Neuroscience. <i>Understanding Complex Systems</i> , 2014, , .	0.3	95
1584	Periodic maternal deprivation may modulate offspring anxiety-like behavior through mechanisms involving neuroplasticity in the amygdala. <i>Brain Research Bulletin</i> , 2014, 101, 7-11.	1.4	28
1585	Antidepressant and Antioxidative Effect of Ibuprofen in the Rotenone Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2014, 26, 351-362.	1.3	47
1586	Antioxidant gene therapy against neuronal cell death. , 2014, 142, 206-230.		120
1587	Trends and properties of human cerebral cortex: Correlations with cortical myelin content. <i>NeuroImage</i> , 2014, 93, 165-175.	2.1	369
1588	The trouble with circadian clock dysfunction: Multiple deleterious effects on the brain and body. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 40, 80-101.	2.9	155
1589	The phase of prestimulus alpha oscillations affects tactile perception. <i>Journal of Neurophysiology</i> , 2014, 111, 1300-1307.	0.9	91
1590	Exploring a Neuroplasticity Model of Music Therapy. <i>Journal of Music Therapy</i> , 2014, 51, 211-227.	0.6	61
1591	Loss of Mitochondrial Fission Depletes Axonal Mitochondria in Midbrain Dopamine Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 14304-14317.	1.7	165
1592	Design, synthesis and evaluation of seleno-dihydropyrimidinones as potential multi-targeted therapeutics for Alzheimer's disease. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3470-3477.	1.5	28
1593	Temporal entrainment of visual attention in children: Effects of age and deafness. <i>Vision Research</i> , 2014, 105, 29-36.	0.7	11

#	ARTICLE	IF	CITATIONS
1594	Relational complexity modulates activity in the prefrontal cortex during numerical inductive reasoning: An fMRI study. <i>Biological Psychology</i> , 2014, 101, 61-68.	1.1	15
1595	Selenoproteins in Nervous System Development and Function. <i>Biological Trace Element Research</i> , 2014, 161, 231-245.	1.9	69
1596	Top-down Modulation of Neural Activity in Anticipatory Visual Attention: Control Mechanisms Revealed by Simultaneous EEG-fMRI. <i>Cerebral Cortex</i> , 2016, 26, bhu204.	1.6	122
1597	Neuroinflammation and Neurodegeneration. , 2014, , .		11
1598	A simple model of cortical culture growth: burst property dependence on network composition and activity. <i>Biological Cybernetics</i> , 2014, 108, 423-443.	0.6	9
1599	Puerarin Ameliorates 3-Nitropropionic Acid-Induced Neurotoxicity in Rats: Possible Neuromodulation and Antioxidant Mechanisms. <i>Neurochemical Research</i> , 2014, 39, 321-332.	1.6	16
1600	The Use of Non-Invasive Brain Stimulation in Drug Addictions. , 2014, , 425-452.		5
1601	Hypothesizing dopaminergic genetic antecedents in schizophrenia and substance seeking behavior. <i>Medical Hypotheses</i> , 2014, 82, 606-614.	0.8	14
1602	Does visual experience influence the spatial distribution of auditory attention?. <i>Acta Psychologica</i> , 2014, 146, 58-62.	0.7	10
1603	Encoding negative events under stress: High subjective arousal is related to accurate emotional memory despite misinformation exposure. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 237-247.	1.0	47
1604	Prestimulus Oscillations in the Alpha Band of the EEG Are Modulated by the Difficulty of Feature Discrimination and Predict Activation of a Sensory Discrimination Process. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1615-1628.	1.1	45
1605	Prestimulus Neural Oscillations Inhibit Visual Perception via Modulation of Response Gain. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2514-2529.	1.1	109
1606	Dendritic differentiation of cerebellar Purkinje cells is promoted by ryanodine receptors expressed by Purkinje and granule cells. <i>Developmental Neurobiology</i> , 2014, 74, 467-480.	1.5	25
1607	Immediate emotion-enhanced memory dependent on arousal and valence: The role of automatic and controlled processing. <i>Acta Psychologica</i> , 2014, 150, 153-160.	0.7	29
1608	Surprising behavioral and neurochemical enhancements in mice with combined mutations linked to Parkinson's disease. <i>Neurobiology of Disease</i> , 2014, 62, 113-123.	2.1	26
1610	Electrocortical Analysis of Patients with Intercostobrachial Pain Treated with TENS after Breast Cancer Surgery. <i>Journal of Physical Therapy Science</i> , 2014, 26, 349-353.	0.2	28
1611	Gaining perspective on death: Training program and language use outcomes assessment by Dr. Marilyn Schlitz et al. (2014).. <i>Spirituality in Clinical Practice</i> , 2014, 1, 181-183.	0.5	0
1612	Vigorous Orientation Signal Propagates Best from Collinear Motion. <i>I-Perception</i> , 2014, 5, 164-169.	0.8	1

#	ARTICLE	IF	CITATIONS
1613	Glutamatergic synaptic plasticity in the mesocorticolimbic system in addiction. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 466.	1.8	101
1614	Prestimulus oscillatory alpha power and connectivity patterns predispose perceptual integration of an audio and a tactile stimulus. <i>Human Brain Mapping</i> , 2015, 36, 3486-3498.	1.9	26
1615	Vigilance: A Perceptual Challenge. , 2015, , 241-283.		51
1616	Withholding planned speech is reflected in synchronized beta-band oscillations. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 549.	1.0	21
1617	Maternal Choline Supplementation: A Potential Prenatal Treatment for Down Syndrome and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 13, 97-106.	0.7	47
1618	Dopamine and the Development of Executive Dysfunction in Autism Spectrum Disorders. <i>PLoS ONE</i> , 2015, 10, e0121605.	1.1	29
1619	The Effect of 10 Hz Repetitive Transcranial Magnetic Stimulation of Posterior Parietal Cortex on Visual Attention. <i>PLoS ONE</i> , 2015, 10, e0126802.	1.1	7
1620	A Developmental Switch for Hebbian Plasticity. <i>PLoS Computational Biology</i> , 2015, 11, e1004386.	1.5	12
1621	Effect of Exogenous Cues on Covert Spatial Orienting in Deaf and Normal Hearing Individuals. <i>PLoS ONE</i> , 2015, 10, e0141324.	1.1	9
1623	Neuropsicología y la localización de las funciones cerebrales superiores en estudios de resonancia magnética funcional con tareas. <i>Acta Neurológica Colombiana</i> , 2015, 31, 92-100.	0.0	5
1624	Frontoparietal and Cingulo-opercular Networks Play Dissociable Roles in Control of Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2019-2034.	1.1	156
1625	Neural dynamics in motor preparation: From phase-mediated global computation to amplitude-mediated local computation. <i>NeuroImage</i> , 2015, 118, 445-455.	2.1	28
1626	Reward. , 2015, , 643-651.		2
1627	Looking for answers in all the wrong places: How testing facilitates learning of misinformation. <i>Journal of Memory and Language</i> , 2015, 83, 140-151.	1.1	25
1628	Applying differential evolution MCMC to parameterize large-scale spiking neural simulations. , 2015, , .		1
1629	A darker side of hypermobility. <i>Environment and Planning A</i> , 2015, 47, 166-1679.	2.1	117
1630	Emotional memory in pregnant women at risk for postpartum depression. <i>Psychiatry Research</i> , 2015, 229, 777-783.	1.7	10
1631	Tactile Perception of Skin and Skin Cream. <i>Tribology Letters</i> , 2015, 59, 1.	1.2	23

#	ARTICLE	IF	CITATIONS
1632	Diet-Induced Weight Loss Alters Functional Brain Responses during an Episodic Memory Task. <i>Obesity Facts</i> , 2015, 8, 261-272.	1.6	46
1633	Oscillatory brain activity in the alpha range is modulated by the content of word-prompted mental imagery. <i>Psychophysiology</i> , 2015, 52, 727-735.	1.2	50
1634	Temporal Dynamics of Attention during Encoding versus Maintenance of Working Memory: Complementary Views from Event-related Potentials and Alpha-band Oscillations. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 492-508.	1.1	99
1635	Reorganization of Auditory Cortex in Early-deaf People: Functional Connectivity and Relationship to Hearing Aid Use. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 150-163.	1.1	57
1636	Synthetic lethal screening in the mammalian central nervous system identifies Gpx6 as a modulator of Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 268-272.	3.3	35
1637	Instrumental Learning in ADHD in a Context of Reward: Intact Learning Curves and Performance Improvement with Methylphenidate. <i>Journal of Abnormal Child Psychology</i> , 2015, 43, 681-691.	3.5	24
1638	Induced Synchronization of the Alpha Rhythm During the Pauses Between Visual Stimuli with Different Levels of Cognitive Set Plasticity. <i>Neuroscience and Behavioral Physiology</i> , 2015, 45, 154-163.	0.2	1
1639	Circadian clock disruption in neurodegenerative diseases: cause and effect?. <i>Frontiers in Pharmacology</i> , 2015, 6, 29.	1.6	99
1640	Finding the balance between capture and control: Oculomotor selection in early deaf adults. <i>Brain and Cognition</i> , 2015, 96, 12-27.	0.8	18
1641	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. <i>NeuroImage</i> , 2015, 117, 358-366.	2.1	99
1642	Competitive STDP Learning of Overlapping Spatial Patterns. <i>Neural Computation</i> , 2015, 27, 1673-1685.	1.3	4
1644	Predicting N2pc from anticipatory HbO activity during sustained visuospatial attention: A concurrent fNIRS-ERP study. <i>NeuroImage</i> , 2015, 113, 225-234.	2.1	15
1645	Average synaptic activity and neural networks topology: a global inverse problem. <i>Scientific Reports</i> , 2014, 4, 4336.	1.6	21
1646	Altered Network Oscillations and Functional Connectivity Dynamics in Children Born Very Preterm. <i>Brain Topography</i> , 2015, 28, 726-745.	0.8	22
1647	Recall dynamics reveal the retrieval of emotional context. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1328-1333.	1.4	43
1648	An EEG-based perceptual function integration network for application to drowsy driving. <i>Knowledge-Based Systems</i> , 2015, 80, 143-152.	4.0	72
1649	The effects of a transition between local and global processing on vigilance performance. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 888-898.	0.8	2
1650	Decoding Visual Location From Neural Patterns in the Auditory Cortex of the Congenitally Deaf. <i>Psychological Science</i> , 2015, 26, 1771-1782.	1.8	29

#	ARTICLE	IF	CITATIONS
1651	<i>In vivo</i> opioid receptor heteromerization: where do we stand?. British Journal of Pharmacology, 2015, 172, 420-434.	2.7	36
1652	Noninvasive brain stimulation to suppress craving in substance use disorders: Review of human evidence and methodological considerations for future work. Neuroscience and Biobehavioral Reviews, 2015, 59, 184-200.	2.9	42
1653	Steady-state BOLD Response to Higher-order Cognition Modulates Low-Frequency Neural Oscillations. Journal of Cognitive Neuroscience, 2015, 27, 2406-2415.	1.1	24
1654	The Representation of Orientation in Macaque V2: Four Stripes Not Three. Cerebral Cortex, 2015, 25, 2354-2369.	1.6	10
1655	The configural properties of task stimuli do influence vigilance performance. Experimental Brain Research, 2015, 233, 2619-2626.	0.7	3
1656	Cross-modal reorganization in cochlear implant users: Auditory cortex contributes to visual face processing. NeuroImage, 2015, 121, 159-170.	2.1	69
1657	Cognitive computing on Chinese Sign Language perception and comprehension. , 2015, , .		1
1658	Lateralized modulation of posterior alpha oscillations in children. NeuroImage, 2015, 123, 245-252.	2.1	23
1659	Disorders of Glutathione Metabolism. , 2015, , 687-694.		0
1661	The Joy of Science. Science Technology and Human Values, 2015, 40, 30-70.	1.7	17
1662	Primary Visual Cortex Represents the Difference Between Past and Present. Cerebral Cortex, 2015, 25, 1427-1440.	1.6	21
1663	Studying Visual and Spatial Reasoning for Design Creativity. , 2015, , .		18
1664	Chronic effects of shift work on cognition: findings from the VISAT longitudinal study. Occupational and Environmental Medicine, 2015, 72, 258-264.	1.3	152
1665	Chronotype and stability of spontaneous locomotor activity rhythm in BMAL1-deficient mice. Chronobiology International, 2015, 32, 81-91.	0.9	19
1666	Phase-adjustment of human circadian rhythms by light and physical exercise. The Journal of Physical Fitness and Sports Medicine, 2016, 5, 287-299.	0.2	7
1667	Visual reinforcement shapes eye movements in visual search. Journal of Vision, 2016, 16, 15.	0.1	22
1668	Other-initiated Repair in Argentine Sign Language. Open Linguistics, 2016, 2, .	0.1	29
1669	Effective Connectivity within the Default Mode Network: Dynamic Causal Modeling of Resting-State fMRI Data. Frontiers in Human Neuroscience, 2016, 10, 14.	1.0	69

#	ARTICLE	IF	CITATIONS
1670	Toward a Model of Work-Related Self: A Narrative Review. <i>Frontiers in Psychology</i> , 2016, 7, 331.	1.1	48
1671	Temporal cuing modulates alpha oscillations during auditory attentional blink. <i>European Journal of Neuroscience</i> , 2016, 44, 1833-1845.	1.2	7
1672	Prestimulus alpha power influences response criterion in a detection task. <i>Psychophysiology</i> , 2016, 53, 1154-1164.	1.2	128
1673	Effect of working memory load on electrophysiological markers of visuospatial orienting in a spatial cueing task simulating a traffic situation. <i>Psychophysiology</i> , 2016, 53, 237-251.	1.2	12
1674	5-HTTLPR polymorphism is linked to neural mechanisms of selective attention in preschoolers from lower socioeconomic status backgrounds. <i>Developmental Cognitive Neuroscience</i> , 2016, 22, 36-47.	1.9	8
1675	The role of cytokines in memory consolidation. <i>Biology Bulletin Reviews</i> , 2016, 6, 126-140.	0.3	8
1676	Toward a systems-oriented approach to the role of the extended amygdala in adaptive responding. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 177-194.	2.9	26
1677	The neuroprotective properties of a novel variety of passion fruit. <i>Journal of Functional Foods</i> , 2016, 23, 359-369.	1.6	12
1678	Neural implementation of probabilistic models of cognition. <i>Cognitive Systems Research</i> , 2016, 40, 99-113.	1.9	2
1679	Top-down alpha oscillatory network interactions during visuospatial attention orienting. <i>NeuroImage</i> , 2016, 132, 512-519.	2.1	70
1680	Frontal preparatory neural oscillations associated with cognitive control: A developmental study comparing young adults and adolescents. <i>NeuroImage</i> , 2016, 136, 139-148.	2.1	27
1681	Investigating the face inversion effect in a deaf population using the Dimensions Tasks. <i>Visual Cognition</i> , 2016, 24, 201-211.	0.9	5
1682	Framing memories: How the retrieval query format shapes the neural bases of remembering. <i>Neuropsychologia</i> , 2016, 89, 309-319.	0.7	1
1683	The roles of perceptual and conceptual information in face recognition.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 1493-1511.	1.5	68
1684	Augmenting distractor filtering via transcranial magnetic stimulation of the lateral occipital cortex. <i>Cortex</i> , 2016, 84, 63-79.	1.1	4
1685	Changes in default mode network as automaticity develops in a categorization task. <i>Behavioural Brain Research</i> , 2016, 313, 324-333.	1.2	24
1686	Causes and consequences of limitations in visual working memory. <i>Annals of the New York Academy of Sciences</i> , 2016, 1369, 40-54.	1.8	28
1687	The neurocircuitry involved in oxytocin modulation of methamphetamine addiction. <i>Frontiers in Neuroendocrinology</i> , 2016, 43, 1-18.	2.5	43

#	ARTICLE	IF	CITATIONS
1688	Synthesis and evaluation of dihydropyrimidinone-derived selenoesters as multi-targeted directed compounds against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5762-5770.	1.4	60
1689	Alpha phase dynamics predict age-related visual working memory decline. <i>NeuroImage</i> , 2016, 143, 196-203.	2.1	27
1690	Visual deviant stimuli produce mismatch responses in the amplitude dynamics of neuronal oscillations. <i>NeuroImage</i> , 2016, 142, 645-655.	2.1	10
1691	Decoding of top-down cognitive processing for SSVEP-controlled BMI. <i>Scientific Reports</i> , 2016, 6, 36267.	1.6	26
1692	Protective effect of 3-O-methyl quercetin and kaempferol from <i>Semecarpus anacardium</i> against H ₂ O ₂ induced cytotoxicity in lung and liver cells. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 376.	3.7	48
1693	Effects of bearberry, parsley and corn silk extracts on diuresis, electrolytes composition, antioxidant capacity and histopathological features in mice kidneys. <i>Journal of Functional Foods</i> , 2016, 21, 272-282.	1.6	18
1694	The effects of methylphenidate on cerebral responses to conflict anticipation and unsigned prediction error in a stop-signal task. <i>Journal of Psychopharmacology</i> , 2016, 30, 283-293.	2.0	13
1695	Relief memory consolidation requires protein synthesis within the nucleus accumbens. <i>Neuropharmacology</i> , 2016, 105, 10-14.	2.0	8
1696	Split-Brain, Split-Mind. , 2016, , 271-279.		1
1697	Familiarity and priming are mediated by overlapping neural substrates. <i>Brain Research</i> , 2016, 1632, 107-118.	1.1	12
1698	Opposing effects of negative emotion on amygdalar and hippocampal memory for items and associations. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 981-990.	1.5	73
1699	Selenoprotein T Exerts an Essential Oxidoreductase Activity That Protects Dopaminergic Neurons in Mouse Models of Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 557-574.	2.5	91
1700	The Designed Environment and How it Affects Brain Morphology and Mental Health. <i>Herd</i> , 2016, 9, 161-171.	0.9	23
1701	Posterior alpha oscillations reflect attentional problems in boys with Attention Deficit Hyperactivity Disorder. <i>Clinical Neurophysiology</i> , 2016, 127, 2182-2191.	0.7	33
1702	Inhibitory and excitatory networks balance cell coupling in the suprachiasmatic nucleus: A modeling approach. <i>Journal of Theoretical Biology</i> , 2016, 397, 135-144.	0.8	11
1703	Paradoxical Roles of Antioxidant Enzymes: Basic Mechanisms and Health Implications. <i>Physiological Reviews</i> , 2016, 96, 307-364.	13.1	283
1704	Synthetic fluorescent probes to map metallostasis and intracellular fate of zinc and copper. <i>Coordination Chemistry Reviews</i> , 2016, 311, 125-167.	9.5	81
1705	The Role of Top-Down Inhibitory Control in Providing Flexibility to the Processes Underlying Recognition of an Emotional Facial Expression. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 186-197.	0.2	5

#	ARTICLE	IF	CITATIONS
1706	Increased alpha band activity indexes inhibitory competition across a border during figure assignment. <i>Vision Research</i> , 2016, 126, 120-130.	0.7	15
1707	Evaluate the Feasibility of Using Frontal SSVEP to Implement an SSVEP-Based BCI in Young, Elderly and ALS Groups. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2016, 24, 603-615.	2.7	39
1708	Betting on Illusory Patterns: Probability Matching in Habitual Gamblers. <i>Journal of Gambling Studies</i> , 2016, 32, 143-156.	1.1	12
1709	Spatial and temporal dynamics of visual search tasks distinguish subtypes of unilateral spatial neglect: Comparison of two cases with viewer-centered and stimulus-centered neglect. <i>Neuropsychological Rehabilitation</i> , 2016, 26, 610-634.	1.0	8
1710	Electrophysiological CNS-processes related to associative learning in humans. <i>Behavioural Brain Research</i> , 2016, 296, 211-232.	1.2	19
1711	Cross-modal orienting of visual attention. <i>Neuropsychologia</i> , 2016, 83, 170-178.	0.7	43
1712	Sleep Deprivation Impairs and Caffeine Enhances My Performance, but Not Always Our Performance. <i>Personality and Social Psychology Review</i> , 2017, 21, 3-28.	3.4	30
1713	Effect of anxiety on behavioural pattern separation in humans. <i>Cognition and Emotion</i> , 2017, 31, 238-248.	1.2	35
1714	Alpha and theta band dynamics related to sentential constraint and word expectancy. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 576-589.	0.7	91
1715	A BCI System Based on Somatosensory Attentional Orientation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 81-90.	2.7	29
1716	Exploring potential social influences on brain potentials during anticipation of tactile stimulation. <i>Brain Research</i> , 2017, 1659, 8-18.	1.1	11
1717	Delineating hierarchy of selenotranscriptome expression and their response to selenium status in chicken central nervous system. <i>Journal of Inorganic Biochemistry</i> , 2017, 169, 13-22.	1.5	22
1718	Obesity and insulin resistance are associated with reduced activity in core memory regions of the brain. <i>Neuropsychologia</i> , 2017, 96, 137-149.	0.7	97
1719	Distinct roles of theta and alpha oscillations in the involuntary capture of goal-directed attention. <i>NeuroImage</i> , 2017, 152, 171-183.	2.1	46
1720	What is the function of auditory cortex when it develops in the absence of acoustic input?. <i>Cognitive Development</i> , 2017, 42, 49-61.	0.7	13
1721	A point process modeling approach for investigating the effect of online brain activity on perceptual switching. <i>NeuroImage</i> , 2017, 152, 50-59.	2.1	3
1722	Lateralization of posterior alpha EEG reflects the distribution of spatial attention during saccadic reading. <i>Psychophysiology</i> , 2017, 54, 809-823.	1.2	21
1723	Sleep and hippocampal neurogenesis: Implications for Alzheimer's disease. <i>Frontiers in Neuroendocrinology</i> , 2017, 45, 35-52.	2.5	38

#	ARTICLE	IF	CITATIONS
1724	Characterizing the roles of alpha and theta oscillations in multisensory attention. <i>Neuropsychologia</i> , 2017, 99, 48-63.	0.7	70
1725	Adaptive and maladaptive neural compensatory consequences of sensory deprivation—From a phantom percept perspective. <i>Progress in Neurobiology</i> , 2017, 153, 1-17.	2.8	37
1726	Predicting jet lag in long-haul cabin crew: The role of illness cognitions and behaviour. <i>Psychology and Health</i> , 2017, 32, 1055-1081.	1.2	7
1727	Prioritizing Information during Working Memory: Beyond Sustained Internal Attention. <i>Trends in Cognitive Sciences</i> , 2017, 21, 449-461.	4.0	275
1728	Dietary tea polyphenols ameliorate metabolic syndrome and memory impairment via circadian clock related mechanisms. <i>Journal of Functional Foods</i> , 2017, 34, 168-180.	1.6	63
1729	Memory for objects and startle responsivity in the immediate aftermath of exposure to the Trier Social Stress Test. <i>Behavioural Brain Research</i> , 2017, 326, 272-280.	1.2	12
1730	Metabolic Dysfunction in Parkinson's Disease: Bioenergetics, Redox Homeostasis and Central Carbon Metabolism. <i>Brain Research Bulletin</i> , 2017, 133, 12-30.	1.4	115
1731	Circadian rhythms, time-restricted feeding, and healthy aging. <i>Ageing Research Reviews</i> , 2017, 39, 59-67.	5.0	221
1732	A functional near-infrared spectroscopy study of the effects of configural properties on sustained attention. <i>Neuropsychologia</i> , 2017, 94, 106-117.	0.7	2
1733	Evaluation of cognitive behavior among deaf subjects with video game as intervention. <i>Cognitive Systems Research</i> , 2017, 42, 42-57.	1.9	8
1734	Sex differences in emotional perception: Meta analysis of divergent activation. <i>NeuroImage</i> , 2017, 147, 925-933.	2.1	127
1735	Neuroprotective action of tea polyphenols on oxidative stress-induced apoptosis through the activation of the TrkB/CREB/BDNF pathway and Keap1/Nrf2 signaling pathway in SH-SY5Y cells and mice brain. <i>Food and Function</i> , 2017, 8, 4421-4432.	2.1	71
1736	The Split-Brain Phenomenon Revisited: A Single Conscious Agent with Split Perception. <i>Trends in Cognitive Sciences</i> , 2017, 21, 835-851.	4.0	25
1737	Ginsenoside Re protects against phencyclidine-induced behavioral changes and mitochondrial dysfunction via interactive modulation of glutathione peroxidase-1 and NADPH oxidase in the dorsolateral cortex of mice. <i>Food and Chemical Toxicology</i> , 2017, 110, 300-315.	1.8	22
1738	Developmental Emergence of Sparse Coding: A Dynamic Systems Approach. <i>Scientific Reports</i> , 2017, 7, 13015.	1.6	17
1739	Increased cross-modal functional connectivity in cochlear implant users. <i>Scientific Reports</i> , 2017, 7, 10043.	1.6	24
1740	Cross-modal plasticity in the deaf enhances processing of masked stimuli in the visual modality. <i>Scientific Reports</i> , 2017, 7, 8158.	1.6	9
1741	Influence of cued-fear conditioning and its impairment on NREM sleep. <i>Neurobiology of Learning and Memory</i> , 2017, 144, 155-165.	1.0	24

#	ARTICLE	IF	CITATIONS
1742	Abnormal resting state effective connectivity within the default mode network in major depressive disorder: A spectral dynamic causal modeling study. <i>Brain and Behavior</i> , 2017, 7, e00732.	1.0	39
1743	The necessity to choose causes reward-related anticipatory biasing: Parieto-occipital alpha-band oscillations reveal suppression of low-value targets. <i>Scientific Reports</i> , 2017, 7, 14318.	1.6	10
1744	Sex differences in the functional lateralization of emotion and decision making in the human brain. <i>Journal of Neuroscience Research</i> , 2017, 95, 270-278.	1.3	39
1745	A temporal dependency account of attentional inhibition in oculomotor control. <i>NeuroImage</i> , 2017, 147, 880-894.	2.1	75
1746	Putting distributed representations into context. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 359-365.	0.7	5
1747	The Role of Interleukin-1 in Inflammatory and Malignant Human Skin Diseases and the Rationale for Targeting Interleukin-1 Alpha. <i>Medicinal Research Reviews</i> , 2017, 37, 180-216.	5.0	57
1748	Alpha power modulation reflects the balancing of task requirements in a selective attention task. <i>Psychophysiology</i> , 2017, 54, 224-234.	1.2	16
1749	Preserved and attenuated electrophysiological correlates of visual spatial attention in elderly subjects. <i>Behavioural Brain Research</i> , 2017, 317, 415-423.	1.2	8
1750	Enhanced visual adaptation in cochlear implant users revealed by concurrent EEG-fNIRS. <i>NeuroImage</i> , 2017, 146, 600-608.	2.1	26
1751	Rebalancing Spatial Attention: Endogenous Orienting May Partially Overcome the Left Visual Field Bias in Rapid Serial Visual Presentation. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1-13.	1.1	29
1752	EEG Analysis for Cognitive Failure Detection in Driving Using Type-2 Fuzzy Classifiers. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2017, 1, 437-453.	3.4	44
1753	Investigation into experimental toxicological properties of plant protection products having a potential link to Parkinson's disease and childhood leukaemia. <i>EFSA Journal</i> , 2017, 15, e04691.	0.9	20
1754	Long-Term Visuo-Gustatory Appetitive and Aversive Conditioning Potentiate Human Visual Evoked Potentials. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 467.	1.0	4
1755	Prefrontal Cortex and Human Memory: An Integrated Account From the Cognitive Neuroscience of Working and Long-Term Memory. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 275-293.		0
1756	Extinction: Behavioral Mechanisms and Their Implications. <i>Journal of Experimental Psychology: Applied</i> , 2017, 23, 61-83.		8
1757	Autonoesis and reconstruction in episodic memory: Is remembering systematically misleading?. <i>Behavioral and Brain Sciences</i> , 2018, 41, e22.	0.4	0
1758	The sociocultural functions of episodic memory. <i>Behavioral and Brain Sciences</i> , 2018, 41, e14.	0.4	1
1759	Epistemic authority, episodic memory, and the sense of self. <i>Behavioral and Brain Sciences</i> , 2018, 41, e24.	0.4	0

#	ARTICLE	IF	CITATIONS
1760	Confabulation and epistemic authority. Behavioral and Brain Sciences, 2018, 41, e29.	0.4	2
1761	Encoding third-person epistemic states contributes to episodic reconstruction of memories. Behavioral and Brain Sciences, 2018, 41, e18.	0.4	1
1762	Carving event and episodic memory at their joints. Behavioral and Brain Sciences, 2018, 41, e19.	0.4	2
1763	Using episodic memory to gauge implicit and/or indeterminate social commitments. Behavioral and Brain Sciences, 2018, 41, e21.	0.4	2
1765	Multifunctional Opioid Ligands. Handbook of Experimental Pharmacology, 2018, 247, 21-51.	0.9	23
1766	Regulation and function of avian selenogenome. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2473-2479.	1.1	21
1767	G-protein coupled receptors Mc4r and Drd1a can serve as surrogate odorant receptors in mouse olfactory sensory neurons. Molecular and Cellular Neurosciences, 2018, 88, 138-147.	1.0	7
1768	More to episodic memory than epistemic assertion: The role of social bonds and interpersonal connection. Behavioral and Brain Sciences, 2018, 41, e17.	0.4	2
1769	Remembered events are unexpected. Behavioral and Brain Sciences, 2018, 41, e9.	0.4	3
1770	Doing without metarepresentation: Scenario construction explains the epistemic generativity and privileged status of episodic memory. Behavioral and Brain Sciences, 2018, 41, e34.	0.4	2
1771	Morgan's canon is not evidence. Behavioral and Brain Sciences, 2018, 41, e31.	0.4	0
1772	Calibration of peripheral perception of shape with and without saccadic eye movements. Attention, Perception, and Psychophysics, 2018, 80, 723-737.	0.7	18
1774	“Truth be told” – Semantic memory as the scaffold for veridical communication. Behavioral and Brain Sciences, 2018, 41, e15.	0.4	3
1775	An adaptive function of mental time travel: Motivating farsighted decisions. Behavioral and Brain Sciences, 2018, 41, e3.	0.4	9
1776	Episodic memory solves both social and nonsocial problems, and evolved to fulfill many different functions. Behavioral and Brain Sciences, 2018, 41, e20.	0.4	3
1777	Constructive episodic simulation, flexible recombination, and memory errors. Behavioral and Brain Sciences, 2018, 41, e32.	0.4	5
1778	What is it to remember?. Behavioral and Brain Sciences, 2018, 41, e35.	0.4	6
1779	Retrieval is central to the distinctive function of episodic memory. Behavioral and Brain Sciences, 2018, 41, e2.	0.4	5

#	ARTICLE	IF	CITATIONS
1780	Sleep to be social: The critical role of sleep and memory for social interaction. Behavioral and Brain Sciences, 2018, 41, e10.	0.4	2
1781	Beyond communication: Episodic memory is key to the self in time. Behavioral and Brain Sciences, 2018, 41, e33.	0.4	1
1782	Autooiesis and dissociative identity disorder. Behavioral and Brain Sciences, 2018, 41, e23.	0.4	6
1783	What psychology and cognitive neuroscience know about the communicative function of memory. Behavioral and Brain Sciences, 2018, 41, e30.	0.4	0
1784	Episodic memory isn't essentially autooietic. Behavioral and Brain Sciences, 2018, 41, e6.	0.4	1
1785	The dynamics of episodic memory functions. Behavioral and Brain Sciences, 2018, 41, e4.	0.4	5
1786	Episodic memory must be grounded in reality in order to be useful in communication. Behavioral and Brain Sciences, 2018, 41, e5.	0.4	0
1787	Episodic memory is as much about communicating as it is about relating to others. Behavioral and Brain Sciences, 2018, 41, e7.	0.4	1
1788	The communicative function of destination memory. Behavioral and Brain Sciences, 2018, 41, e12.	0.4	9
1789	Episodic memory and consciousness in antisocial personality disorder and conduct disorder. Behavioral and Brain Sciences, 2018, 41, e13.	0.4	0
1790	Episodic memory and the witness trump card. Behavioral and Brain Sciences, 2018, 41, e16.	0.4	4
1791	False memories, nonbelieved memories, and the unresolved primacy of communication. Behavioral and Brain Sciences, 2018, 41, e25.	0.4	1
1792	Developmental roots of episodic memory. Behavioral and Brain Sciences, 2018, 41, e26.	0.4	0
1793	Flashbulb memories: Is the amygdala central? An investigation of patients with amygdalar damage. Neuropsychologia, 2018, 111, 163-171.	0.7	4
1794	The intersection of stress and reward: BNST modulation of aversive and appetitive states. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 87, 108-125.	2.5	82
1795	Automated facial expression analysis for emotional responsivity using an aqueous bitter model. Food Quality and Preference, 2018, 68, 349-359.	2.3	18
1796	Reducing a cortical network to a Potts model yields storage capacity estimates. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 043304.	0.9	24
1797	Social Policy and Cognitive Enhancement: Lessons from Chess. Neuroethics, 2018, 11, 115-127.	1.7	17

#	ARTICLE	IF	CITATIONS
1798	Enhanced action control as a prior function of episodic memory. Behavioral and Brain Sciences, 2018, 41, e27.	0.4	0
1799	Why episodic memory may not be for communication. Behavioral and Brain Sciences, 2018, 41, e8.	0.4	1
1800	Misconceptions about adaptive function. Behavioral and Brain Sciences, 2018, 41, e28.	0.4	0
1801	Emotional memories and how your life may depend upon them. Behavioral and Brain Sciences, 2018, 41, e11.	0.4	3
1802	Development of infant sustained attention and its relation to <sc>EEG</sc> oscillations: an <sc>EEG</sc> and cortical source analysis study. Developmental Science, 2018, 21, e12562.	1.3	71
1803	Modeling the relation between studentsâ€™ implicit beliefs about their abilities and their educational STEM choices. International Journal of Technology and Design Education, 2018, 28, 1-27.	1.7	39
1804	Diminished Alpha Lateralization During Working Memory but Not During Attentional Cueing in Older Adults. Cerebral Cortex, 2018, 28, 21-32.	1.6	42
1805	Decreased global field synchronization of multichannel frontal EEG measurements in obsessive-compulsive disorders. Medical and Biological Engineering and Computing, 2018, 56, 331-338.	1.6	14
1806	The many characters of visual alpha oscillations. European Journal of Neuroscience, 2018, 48, 2498-2508.	1.2	157
1807	Trialâ€™byâ€™trial coâ€™variation of preâ€™stimulus <sc>EEG</sc> alpha power and visuospatial bias reflects a mixture of stochastic and deterministic effects. European Journal of Neuroscience, 2018, 48, 2566-2584.	1.2	52
1808	The involvement of alpha oscillations in voluntary attention directed towards encoding episodic memories. NeuroImage, 2018, 166, 307-316.	2.1	17
1809	Long-term meditation: the relationship between cognitive processes, thinking styles and mindfulness. Cognitive Processing, 2018, 19, 73-85.	0.7	50
1810	Hypothesis for cognitive effects of transcranial direct current stimulation: Externally- and internally-directed cognition. Neuroscience and Biobehavioral Reviews, 2018, 86, 226-238.	2.9	15
1812	Human Heading Perception Based on Form and Motion Combination. , 2018, , .		1
1813	Three-Dimensional Brainâ€™Computer Interface Control Through Simultaneous Overt Spatial Attentional and Motor Imagery Tasks. IEEE Transactions on Biomedical Engineering, 2018, 65, 2417-2427.	2.5	41
1814	Heteromerization Modulates mu Opioid Receptor Functional Properties in vivo. Frontiers in Pharmacology, 2018, 9, 1240.	1.6	33
1815	Oscillations in working memory and neural binding: A mechanism for multiple memories and their interactions. PLoS Computational Biology, 2018, 14, e1006517.	1.5	30
1816	Investigation of Feedback Connections Effect of a Spike Timing Neural Network Model of Early Visual System. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
1817	The Neuropharmacology of What, Where, When. Handbook of Behavioral Neuroscience, 2018, 27, 359-369.	0.7	0
1818	Modeling of Zinc Dynamics in the Synaptic Cleft: Implications for Cadherin Mediated Adhesion and Synaptic Plasticity. Frontiers in Molecular Neuroscience, 2018, 11, 306.	1.4	17
1819	A multi-scale layer-resolved spiking network model of resting-state dynamics in macaque visual cortical areas. PLoS Computational Biology, 2018, 14, e1006359.	1.5	91
1820	Shape from Contour: Computation and Representation. Annual Review of Vision Science, 2018, 4, 423-450.	2.3	36
1821	Statistical Learning Impairments as a Consequence of Stroke. Frontiers in Human Neuroscience, 2018, 12, 339.	1.0	8
1822	The frequency of alpha oscillations: Task-dependent modulation and its functional significance. NeuroImage, 2018, 183, 897-906.	2.1	63
1823	Relationships between alpha oscillations during speech preparation and the listener N400 ERP to the produced speech. Scientific Reports, 2018, 8, 12838.	1.6	9
1825	Attention to speech and spoken language development in deaf children with cochlear implants: a 10-year longitudinal study. Developmental Science, 2018, 21, e12677.	1.3	16
1826	Suppression of 12-Hz SSVEPs when viewing familiar faces: An electrophysiological index to detect recognition. International Journal of Psychophysiology, 2018, 133, 159-168.	0.5	9
1827	Prevention of progression in Parkinson's disease. BioMetals, 2018, 31, 737-747.	1.8	58
1828	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.	1.2	5
1829	Does mindfulness training modulate the influence of spatial attention on the processing of intracutaneous electrical stimuli?. PLoS ONE, 2018, 13, e0201689.	1.1	3
1830	EEG dipole source localization with information criteria for multiple particle filters. Neural Networks, 2018, 108, 68-82.	3.3	4
1831	Ferroptosis, a Recent Defined Form of Critical Cell Death in Neurological Disorders. Journal of Molecular Neuroscience, 2018, 66, 197-206.	1.1	134
1832	Stress Impairs Episodic Retrieval by Disrupting Hippocampal and Cortical Mechanisms of Remembering. Cerebral Cortex, 2019, 29, 2947-2964.	1.6	31
1833	Mindfulness meditators show altered distributions of early and late neural activity markers of attention in a response inhibition task. PLoS ONE, 2019, 14, e0203096.	1.1	34
1834	Short-term plasticity after partial deafferentation in the oculomotor system. Brain Structure and Function, 2019, 224, 2717-2731.	1.2	1
1835	Mass spectrometry imaging as a novel approach to measure hippocampal zinc. Journal of Analytical Atomic Spectrometry, 2019, 34, 1581-1587.	1.6	10

#	ARTICLE	IF	CITATIONS
1836	Predicting Organizational Citizenship Behavior: The Role of Work-Related Self. SAGE Open, 2019, 9, 215824401985483.	0.8	10
1837	Building pipelines for educational data using AI and multimodal analytics: A ϵ -greedy approach. British Journal of Educational Technology, 2019, 50, 3004-3031.	3.9	61
1838	Power-spectra and cross-frequency coupling changes in visual and Audio-visual acquired equivalence learning. Scientific Reports, 2019, 9, 9444.	1.6	15
1839	Sign language experience redistributes attentional resources to the inferior visual field. Cognition, 2019, 191, 103957.	1.1	17
1840	Characterization of Perceptual Ability Based on Resting EEG. , 2019, , .		1
1841	Electrophysiological evidence supports the role of sustained visuospatial attention in maintaining visual WM contents. International Journal of Psychophysiology, 2019, 146, 54-62.	0.5	2
1842	Current challenges: the ups and downs of tACS. Experimental Brain Research, 2019, 237, 3071-3088.	0.7	57
1843	Hemispheric asymmetry in the prefrontal cortex for complex cognition. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 179-196.	1.0	18
1844	Pre-target alpha power predicts the speed of cued target discrimination. NeuroImage, 2019, 189, 878-885.	2.1	8
1845	Brain Oscillatory Correlates of Visual Short-Term Memory Errors. Frontiers in Human Neuroscience, 2019, 13, 33.	1.0	15
1846	Fear-context association during memory retrieval requires input from granular to dysgranular retrosplenial cortex. Neurobiology of Learning and Memory, 2019, 163, 107036.	1.0	10
1847	Involuntary orienting of attention to sight or sound relies on similar neural biasing mechanisms in early visual processing. Neuropsychologia, 2019, 132, 107122.	0.7	11
1848	Phase Transfer Entropy between Frontal and Posterior Regions during Visual Spatial Attention. , 2019, , .		3
1849	Alpha-band oscillations track the retrieval of precise spatial representations from long-term memory. Journal of Neurophysiology, 2019, 122, 539-551.	0.9	36
1850	Prioritized brain selenium retention and selenoprotein expression: Nutritional insights into Parkinson's disease. Mechanisms of Ageing and Development, 2019, 180, 89-96.	2.2	34
1851	Dynamic Office Environments Improve Brain Activity and Attentional Performance Mediated by Increased Motor Activity. Frontiers in Human Neuroscience, 2019, 13, 121.	1.0	5
1852	The Hemispheric Distribution of β -Band EEG Activity During Orienting of Attention in Patients with Reduced Awareness of the Left Side of Space (Spatial Neglect). Journal of Neuroscience, 2019, 39, 4332-4343.	1.7	28
1853	Spike Timing Neural Model of Motion Perception and Decision Making. Frontiers in Computational Neuroscience, 2019, 13, 20.	1.2	12

#	ARTICLE	IF	CITATIONS
1854	Focal activation of neuronal circuits induced by microstimulation in the visual cortex. <i>Journal of Neural Engineering</i> , 2019, 16, 036007.	1.8	16
1855	Sustaining attention for a prolonged period of time increases temporal variability in cortical responses. <i>Cortex</i> , 2019, 117, 16-32.	1.1	32
1856	Protective effects of <i>Pleurotus ostreatus</i> in ameliorating carbon tetrachloride (ccl4) induced liver injury in Wistar rats. <i>Journal of Medicinal Plants Research</i> , 2019, 13, 104-111.	0.2	2
1857	Multimodal gradients across mouse cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4689-4695.	3.3	186
1858	Striatal Cholinergic Interneurons: How to Elucidate Their Function in Health and Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 1488.	1.6	28
1859	Characterisation of Perception Rating for Distinct Age Range via EEG Power Ratio Features. , 2019, , .		1
1860	Looking beyond the face area: lesion network mapping of prosopagnosia. <i>Brain</i> , 2019, 142, 3975-3990.	3.7	91
1861	Trauma and Longâ€Term Memory for Childhood Events: Impact Matters. <i>Child Development Perspectives</i> , 2019, 13, 3-9.	2.1	25
1862	The role of alpha oscillations in spatial attention: limited evidence for a suppression account. <i>Current Opinion in Psychology</i> , 2019, 29, 34-40.	2.5	124
1863	Between an ugly truth and a perfect lie: Wiping off fearful memories using beta-adrenergic receptors antagonists. <i>Journal of Cellular Physiology</i> , 2019, 234, 5722-5727.	2.0	7
1864	Toward direct MRI of neuroâ€electroâ€magnetic oscillations in the human brain. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3462-3475.	1.9	13
1865	Neuronal response properties across cytochrome oxidase stripes in primate V2. <i>Journal of Comparative Neurology</i> , 2019, 527, 651-667.	0.9	2
1866	Sodium selenite protects from 3-nitropropionic acid-induced oxidative stress in cultured primary cortical neurons. <i>Molecular Biology Reports</i> , 2019, 46, 751-762.	1.0	16
1867	Neural Manipulation of Gene Expression. , 2019, , 41-73.		0
1868	The Epigenetic System of Inheritance. , 2019, , 215-258.		0
1869	G protein-coupled receptor heteromers are key players in substance use disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 106, 73-90.	2.9	16
1870	Redox Mechanisms in Neurodegeneration: From Disease Outcomes to Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1450-1499.	2.5	90
1871	Is it possible to modify fear memories in humans with extinction training within a single day?. <i>Psychological Research</i> , 2019, 83, 1340-1348.	1.0	2

#	ARTICLE	IF	CITATIONS
1872	Closed Loop Control of a Compliant Quadruped with Spiking Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 547-555.	0.5	0
1873	Emergence of \hat{I}^2 and \hat{I}^3 networks following multisensory training. <i>NeuroImage</i> , 2020, 206, 116313.	2.1	7
1874	Methylphenidate does not affect convergent and divergent creative processes in healthy adults. <i>NeuroImage</i> , 2020, 205, 116279.	2.1	13
1875	Unified tactile detection and localisation in split-brain patients. <i>Cortex</i> , 2020, 124, 217-223.	1.1	5
1876	Heteromerization of Endogenous Mu and Delta Opioid Receptors Induces Ligand-Selective Co-Targeting to Lysosomes. <i>Molecules</i> , 2020, 25, 4493.	1.7	14
1877	Sustaining Attention for a Prolonged Duration Affects Dynamic Organizations of Frequency-Specific Functional Connectivity. <i>Brain Topography</i> , 2020, 33, 677-692.	0.8	6
1878	Scallop mantle toxin induces apoptosis in liver tissues of mice. <i>Food Science and Nutrition</i> , 2020, 8, 3308-3316.	1.5	6
1879	Detecting (Un)seen Change: The Neural Underpinnings of (Un)conscious Prediction Errors. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 541670.	1.2	5
1880	Role of the secondary visual cortex in HMAX model for object recognition. <i>Cognitive Systems Research</i> , 2020, 64, 15-28.	1.9	6
1881	Ventral Caudate and Anterior Insula Recruitment During Value Estimation of Passionate Rewarding Cues. <i>Frontiers in Neuroscience</i> , 2020, 14, 678.	1.4	6
1882	Deep neural networks capture texture sensitivity in V2. <i>Journal of Vision</i> , 2020, 20, 21.	0.1	12
1883	<p>Association Between Glutathione Peroxidase-1 (GPx-1) Polymorphisms and Schizophrenia in the Chinese Han Population</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 2297-2305.	1.0	11
1884	STDP Training of Hierarchical Spike Timing Model of Visual Information Processing. , 2020, , .		0
1885	Purpose-Dependent Consequences of Temporal Expectations Serving Perception and Action. <i>Journal of Neuroscience</i> , 2020, 40, 7877-7886.	1.7	18
1886	Oscillatory brain activity and maintenance of verbal and visual working memory: A systematic review. <i>Psychophysiology</i> , 2022, 59, e13735.	1.2	51
1887	A cell model in the ventral visual pathway for the detection of circles of curvature constituting figures. <i>Heliyon</i> , 2020, 6, e05397.	1.4	1
1888	Altered phase and nonphase EEG activity expose impaired maintenance of a spatial-object attentional focus in multiple sclerosis patients. <i>Scientific Reports</i> , 2020, 10, 20721.	1.6	6
1889	Brain executive laterality and hemisity. <i>Personality Neuroscience</i> , 2020, 3, e10.	1.3	2

#	ARTICLE	IF	CITATIONS
1890	Retrograde and anterograde contextual fear amnesia induced by selective elimination of layer IV-Va neurons in the granular retrosplenial cortex (A29). <i>Neurobiology of Learning and Memory</i> , 2020, 171, 107229.	1.0	9
1891	Decoding covert visual attention based on phase transfer entropy. <i>Physiology and Behavior</i> , 2020, 222, 112932.	1.0	17
1892	Prefrontal Multielectrode Transcranial Direct Current Stimulation Modulates Performance and Neural Activity Serving Visuospatial Processing. <i>Cerebral Cortex</i> , 2020, 30, 4847-4857.	1.6	5
1893	tACS Stimulation at Alpha Frequency Selectively Induces Inattentive Blindness. <i>Brain Topography</i> , 2020, 33, 317-326.	0.8	9
1894	rTMS-Induced Changes in Glutamatergic and Dopaminergic Systems: Relevance to Cocaine and Methamphetamine Use Disorders. <i>Frontiers in Neuroscience</i> , 2020, 14, 137.	1.4	47
1895	Preventive treatments to slow substantia nigra damage and Parkinson's disease progression: A critical perspective review. <i>Pharmacological Research</i> , 2020, 161, 105065.	3.1	20
1896	Emotion Words' Effect on Visual Awareness and Attention of Emotional Faces. <i>Frontiers in Psychology</i> , 2019, 10, 2896.	1.1	6
1897	Redefining Single-Trial Memories in the Honeybee. <i>Cell Reports</i> , 2020, 30, 2603-2613.e3.	2.9	37
1898	Covert Spatial Attention Speeds Target Individuation. <i>Journal of Neuroscience</i> , 2020, 40, 2717-2726.	1.7	33
1899	Effects of Visual Scene Complexity on Neural Signatures of Spatial Attention. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 91.	1.0	11
1900	Accelerating reading via local priming. <i>Acta Psychologica</i> , 2020, 205, 103056.	0.7	3
1901	Pentathiepins: A Novel Class of Glutathione Peroxidase 1 Inhibitors that Induce Oxidative Stress, Loss of Mitochondrial Membrane Potential and Apoptosis in Human Cancer Cells. <i>ChemMedChem</i> , 2020, 15, 1515-1528.	1.6	24
1902	Pulpal upregulation of connexin 43 during pulpitis. <i>Clinical Oral Investigations</i> , 2021, 25, 1327-1335.	1.4	3
1903	M1 muscarinic acetylcholine receptor-mediated inhibition of GABA release from striatal medium spiny neurons onto cholinergic interneurons. <i>European Journal of Neuroscience</i> , 2021, 53, 796-813.	1.2	12
1904	Nicotine, cocaine, amphetamine, morphine, and ethanol increase norepinephrine output in the bed nucleus of stria terminalis of freely moving rats. <i>Addiction Biology</i> , 2021, 26, e12864.	1.4	16
1906	Glutathione peroxidase-1 and neuromodulation: Novel potentials of an old enzyme. <i>Food and Chemical Toxicology</i> , 2021, 148, 111945.	1.8	31
1908	Glutathione: Role in Oxidative/Nitrosative Stress, Antioxidant Defense, and Treatments. <i>ChemistrySelect</i> , 2021, 6, 4566-4590.	0.7	35
1909	Expanding Research on Investigations of Officer-Involved Shootings: An Experimental Evaluation of Question Timing on Police Officers' Memory Recall. <i>Criminal Justice and Behavior</i> , 0, , 009385482110358.	1.1	0

#	ARTICLE	IF	CITATIONS
1910	GPx-1-encoded adenoviral vector attenuates dopaminergic impairments induced by methamphetamine in GPx-1 knockout mice through modulation of NF- κ B transcription factor. Food and Chemical Toxicology, 2021, 154, 112313.	1.8	9
1912	Contribution of Monovalent (Na ⁺ and K ⁺) and Divalent (Ca ²⁺) Ions to the Mechanisms of Synaptic Plasticity. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2021, 15, 1-20.	0.3	0
1914	New roles of glutathione peroxidase-1 in oxidative stress and diabetes. , 2006, , 173-182.		2
1915	Selenium, selenoproteins and brain function. , 2006, , 233-248.		12
1916	Coding of Objects in Low-Level Visual Cortical Areas. Lecture Notes in Computer Science, 2005, , 57-63.	1.0	7
1917	Psychotropic and neurotropic activity1. , 2002, , 385-593.		9
1918	Serotonergic compounds: preclinical data. , 2005, , 95-106.		2
1919	Cellular Mechanisms Underlying the Remodeling of Retinogeniculate Connections. , 2006, , 208-227.		2
1920	Respiratory plasticity following intermittent hypoxia: a guide for novel therapeutic approaches to ventilatory control disorders?. , 2008, , 291-311.		6
1921	The Hippocampal System as the Cortical Resource Manager: A Model Connecting Psychology, Anatomy and Physiology. Advances in Experimental Medicine and Biology, 2010, 657, 315-364.	0.8	9
1922	Local Circuit Neurons in the Frontal Cortico-Striatal System. , 2003, , 125-148.		4
1923	Mouse Models of α -Synucleinopathy and Lewy Pathology. Advances in Experimental Medicine and Biology, 2001, 487, 147-167.	0.8	8
1924	Dietary Treatments for Epilepsy Other Than the Ketogenic Diet. , 2004, , 161-175.		2
1925	The Role of Implicit Estimation of Time Intervals and Set Plasticity in Facial Expression Processing. Cognitive Systems Monographs, 2015, , 349-366.	0.1	2
1926	Neuronal Synchronization, Attention Orienting, and Primary Consciousness. , 2016, , 29-49.		2
1927	Mouse Models that Target Individual Selenoproteins. , 2016, , 567-578.		4
1928	Orientation Selectivity Tuning of a Spike Timing Neural Network Model of the First Layer of the Human Visual Cortex. Studies in Computational Intelligence, 2019, , 291-303.	0.7	11
1929	Presynaptic Receptors for Dopamine, Histamine, and Serotonin. Handbook of Experimental Pharmacology, 2008, , 289-338.	0.9	49

#	ARTICLE	IF	CITATIONS
1930	Mechanisms of Glial Activation after Nerve Injury. , 2008, , 429-433.		2
1931	CHAPTER 3. Mitochondrial Dysfunction in Parkinsonâ€™s Disease. Issues in Toxicology, 0, , 61-96.	0.2	2
1932	Topographical projection from the superior colliculus to the nucleus of the brachium of the inferior colliculus in the ferret: convergence of visual and auditory information. European Journal of Neuroscience, 2000, 12, 4290-4308.	1.2	16
1933	New Roles for an Old Selenoenzyme: Evidence from Glutathione Peroxidase-1 Null and Overexpressing Mice. Journal of Nutrition, 2005, 135, 2295-2298.	1.3	49
1942	Long-Term Depression of Synaptic Inhibition Is Expressed Postsynaptically in the Developing Auditory System. Journal of Neurophysiology, 2003, 90, 1479-1488.	0.9	57
1943	Comparative neuroethology of feeding control in molluscs. Journal of Experimental Biology, 2002, 205, 877-896.	0.8	165
1944	Model-Free Reconstruction of Excitatory Neuronal Connectivity from Calcium Imaging Signals. PLoS Computational Biology, 2012, 8, e1002653.	1.5	212
1945	What Happens in Between? Human Oscillatory Brain Activity Related to Crossmodal Spatial Cueing. PLoS ONE, 2008, 3, e1467.	1.1	31
1946	Facilitate Insight by Non-Invasive Brain Stimulation. PLoS ONE, 2011, 6, e16655.	1.1	136
1947	Visual Advantage in Deaf Adults Linked to Retinal Changes. PLoS ONE, 2011, 6, e20417.	1.1	42
1948	Bifurcations of Emergent Bursting in a Neuronal Network. PLoS ONE, 2012, 7, e38402.	1.1	11
1949	Probenolol Increases Striatal Glutathione Peroxidase Activity and Protects against 3-Nitropropionic Acid-Induced Pro-Oxidative Damage in Rats. PLoS ONE, 2013, 8, e67658.	1.1	58
1950	Functional Roles of 10 Hz Alpha-Band Power Modulating Engagement and Disengagement of Cortical Networks in a Complex Visual Motion Task. PLoS ONE, 2014, 9, e107715.	1.1	15
1951	Selenotranscriptomic Analyses Identify Signature Selenoproteins in Brain Regions in a Mouse Model of Parkinsonâ€™s Disease. PLoS ONE, 2016, 11, e0163372.	1.1	11
1952	Visual Modulation of Resting State δ Oscillations. ENeuro, 2020, 7, ENEURO.0268-19.2019.	0.9	19
1954	Behavioral Finance and Investment Committee Decision Making. CFA Institute Conference Proceedings Quarterly, 2006, 23, 29-37.	0.3	4
1955	Biochemical and Hematological Studies for the Protective Effect of Oyster Mushroom (Pleurotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 9, 746-752.	0.1	10
1956	Occludin Expression in Brain Tumors and its Relevance to Peritumoral Edema and Survival. Cancer Research and Treatment, 2006, 38, 139.	1.3	10

#	ARTICLE	IF	CITATIONS
1958	Chemokines and ischemic stroke. , 2001, , 155-162.		1
1959	Jet setting drains brain. Nature, 0, , .	13.7	0
1960	Prenatal Choline Supplementation Modifies Brain Development: Improved Cognition and Neuroprotection. , 2002, , 1-14.		0
1961	Gene and Protein Expression and Regulation in the Central Nervous System. , 2002, , 129-199.		1
1962	Precipitation and Inhibition in Dreamy State of Temporal Lobe Epilepsy.. Journal of the Japan Epilepsy Society, 2003, 21, 18-23.	0.1	0
1963	Actions of Brain-Derived Neurotrophic Factor on Function and Morphology of Visual Cortical Neurons. , 2003, , 78-79.		0
1964	CHARACTERISTICS OF THE INVOLVEMENT OF THE AMYGDALA IN THE RECOGNITION OF EMOTIONAL EXPRESSIONS: A REVIEW OF NEUROPSYCHOLOGICAL RESEARCH. Psychologia, 2004, 47, 125-142.	0.3	1
1965	_Nitropropionic Acid in the Diet. Reviews in Food and Nutrition Toxicity, 2004, , .	0.0	0
1966	Linking Visual Development and Learning to Information Processing: Preattentive and Attentive Brain Dynamics. , 2006, , 323-346.		0
1967	Long-Term Plasticity at Inhibitory Synapses: A Phenomenon That Has Been Overlooked. , 2006, , 39-52.		1
1968	Desaktualisierung und RealitÄtskontrolle. , 2008, , 241-257.		0
1969	Antiepileptic Drugs in the Treatment ofDrugUseDisorders. Medical Psychiatry, 2008, , 263-270.	0.2	0
1970	3-Nitropropionic Acid and Other Metabolic Toxin Lesions of the Striatum. Neuromethods, 2011, , 71-89.	0.2	0
1971	A Study on Visual Perception based Emotion Recognition using Body-Activity Posture. The KIPS Transactions PartB, 2011, 18B, 305-314.	0.1	4
1973	Major Anatomical Structures. , 2013, , 131-205.		0
1975	Central Analgesic Activity. , 2014, , 1-104.		0
1976	ExigÃancias de produtividade na escola e no trabalho e o consumo de metilfenidato. Educacao E Sociedade, 2014, 35, 587-604.	0.4	6
1977	Imaging Human Touch. , 2016, , 479-497.		0

#	ARTICLE	IF	CITATIONS
1978	Central Analgesic Activity. , 2016, , 1785-1874.		0
1980	Interactive Image Segmentation Method of Eye Movement Data and EEG Data. Lecture Notes in Computer Science, 2017, , 109-120.	1.0	0
1990	Spontaneous neural activity patterns allowing for diverse signaling mechanisms. Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry), 2019, 36, 100-111.	0.0	0
1995	Potential use of glutathione as a treatment for Parkinson's disease. Experimental and Therapeutic Medicine, 2020, 21, 125.	0.8	9
1996	Disorders of glutathione metabolism. , 2020, , 897-908.		0
1997	STDP Plasticity in TRN Within Hierarchical Spike Timing Model of Visual Information Processing. IFIP Advances in Information and Communication Technology, 2020, , 279-290.	0.5	3
2001	How the early visual system extract angles and junctions embedded within contour stimuli?. , 2006, , 167-174.		0
2003	Enhanced Peripheral Face Processing in Deaf Individuals<xref ref-type="fn" rid="jpi0140fn1"><sup>>†</sup></xref>. Journal of Perceptual Imaging, 2022, 5, 000401-1-000401-7.	0.3	2
2005	Contributions and Limitations of Mitochondria-Targeted and Non-Targeted Antioxidants in the Treatment of Parkinsonism: an Updated Review. Neurotoxicity Research, 2022, , 1.	1.3	5
2006	Event-related potential correlates of visuo-tactile motion processing in congenitally deaf humans. Neuropsychologia, 2022, 170, 108209.	0.7	2
2007	Alpha suppression indexes a spotlight of visual-spatial attention that can shine on both perceptual and memory representations. Psychonomic Bulletin and Review, 2022, 29, 681-698.	1.4	23
2008	Selenium Effects on Oxidative Stress-Induced Calcium Signaling Pathways in Parkinson's Disease. Indian Journal of Clinical Biochemistry, 2022, 37, 257-266.	0.9	9
2009	CHAPTER 6. Glutathione and Thiol Redox Signalling in Parkinson's Disease. Issues in Toxicology, 0, , 144-183.	0.2	0
2010	Selective vulnerability of cerebellar granule neuroblasts and their progeny to drugs with abuse liability. Cerebellum, 2003, 2, 184-195.	1.4	1
2012	Topological Sholl descriptors for neuronal clustering and classification. PLoS Computational Biology, 2022, 18, e1010229.	1.5	3
2013	Modulation of Reactive Oxygen Species Homeostasis as a Pleiotropic Effect of Commonly Used Drugs. Frontiers in Aging, 0, 3, .	1.2	3
2016	Selenoproteins in brain development and function. Free Radical Biology and Medicine, 2022, 190, 105-115.	1.3	16
2017	Insight into the potential role of ferroptosis in neurodegenerative diseases. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	9

#	ARTICLE	IF	CITATIONS
2020	The role of selenoproteins in neurodevelopment and neurological function: Implications in autism spectrum disorder. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	1.4	2