

# Albert H Gjedde

## List of Publications by Year in descending order

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Version: 2024-02-01

394  
papers

21,714  
citations

8181

76  
h-index

13379

130  
g-index

418  
all docs

418  
docs citations

418  
times ranked

17104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine Synthesis Capacity and GABA and Glutamate Levels Separate Antipsychotic-Naïve Patients With First-Episode Psychosis From Healthy Control Subjects in a Multimodal Prediction Model. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 500-509.	2.2	5
2	In Alzheimer's disease, amyloid beta accumulation is a protective mechanism that ultimately fails. <i>Alzheimer's and Dementia</i> , 2023, 19, 771-783.	0.8	9
3	Human Cerebral Perfusion, Oxygen Consumption, and Lactate Production in Response to Hypoxic Exposure. <i>Cerebral Cortex</i> , 2022, 32, 1295-1306.	2.9	8
4	Dopaminergic Activity in Antipsychotic-Naïve Patients Assessed With Positron Emission Tomography Before and After Partial Dopamine D2 Receptor Agonist Treatment: Association With Psychotic Symptoms and Treatment Response. <i>Biological Psychiatry</i> , 2022, 91, 236-245.	1.3	14
5	Synaptic Vesicle Glycoprotein 2A: Features and Functions. <i>Frontiers in Neuroscience</i> , 2022, 16, 864514.	2.8	21
6	Effects of ketogenic diet and ketone monoester supplement on acute alcohol withdrawal symptoms in male mice. <i>Psychopharmacology</i> , 2021, 238, 833-844.	3.1	19
7	Reduction of Pressure Pain Sensitivity as Novel Non-pharmacological Therapeutic Approach to Type 2 Diabetes: A Randomized Trial. <i>Frontiers in Neuroscience</i> , 2021, 15, 613858.	2.8	4
8	Effects of transdermal nicotine delivery on cognitive outcomes: A meta-analysis. <i>Acta Neurologica Scandinavica</i> , 2021, 144, 179-191.	2.1	8
9	Regional and interindividual relationships between cerebral perfusion and oxygen metabolism. <i>Journal of Applied Physiology</i> , 2021, 130, 1836-1847.	2.5	6
10	Relative strengths of three linearizations of receptor availability: Saturation, Inhibition, and Occupancy plots. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.117.204453.	5.0	3
11	On the learning of addictive behavior: Sensation-seeking propensity predicts dopamine turnover in dorsal striatum. <i>Brain Imaging and Behavior</i> , 2021, , 1.	2.1	1
12	Kinetic Analysis of Radioligand Binding in Brain in Vivo. , 2021, , 337-355.		0
13	Transcranial photoacoustic imaging of NMDA-evoked focal circuit dynamics in the rat hippocampus. <i>Journal of Neural Engineering</i> , 2020, 17, 025001.	3.5	21
14	Type of Anaesthetic Influences [11C]MDL100,907 Binding to 5HT2A Receptors in Porcine Brain. <i>Molecular Imaging and Biology</i> , 2020, 22, 797-804.	2.6	2
15	Revealing a compulsive phenotype in cholinergic M4 <sup>-/-</sup> mice depends on the inter-trial interval initiation settings in a five choice serial reaction time task. <i>Behavioural Brain Research</i> , 2020, 389, 112649.	2.2	4
16	Linked Hexokinase and Glucose-6-Phosphatase Activities Reflect Grade of Ovarian Malignancy. <i>Molecular Imaging and Biology</i> , 2019, 21, 375-381.	2.6	3
17	Transcranial Recording of Electrophysiological Neural Activity in the Rodent Brain in vivo Using Functional Photoacoustic Imaging of Near-Infrared Voltage-Sensitive Dye. <i>Frontiers in Neuroscience</i> , 2019, 13, 579.	2.8	40
18	Avicenna (980â€“1037 CE) and his Early Description and Classification of Dementia. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1093-1098.	2.6	7

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19	Impaired Glymphatic Transport in Spontaneously Hypertensive Rats. <i>Journal of Neuroscience</i> , 2019, 39, 6365-6377.	3.6	131
20	Photobiomodulation and Coenzyme Q10 Treatments Attenuate Cognitive Impairment Associated With Model of Transient Global Brain Ischemia in Artificially Aged Mice. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 74.	3.7	57
21	Electroconvulsive stimulation differentially affects [ <sup>11</sup> C]MDL100,907 binding to cortical and subcortical 5HT <sub>2A</sub> receptors in porcine brain. <i>Journal of Psychopharmacology</i> , 2019, 33, 714-721.	4.0	7
22	Sucrose intake lowers $\frac{1}{4}$ -opioid and dopamine D2/3 receptor availability in porcine brain. <i>Scientific Reports</i> , 2019, 9, 16918.	3.3	27
23	Mitochondrial DNA G15927A and G15928A variations in patients with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019, 27, 9-12.	2.0	1
24	Diagnostic manifestations of total hemispheric glucose metabolism ratio in neuronal network diaschisis: diagnostic implications in Alzheimer's disease and mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1164-1174.	6.4	5
25	Tracer Studies of Neuroreceptor Kinetics In Vivo. , 2019, , 63-82.		0
26	The effects of incretin hormones on cerebral glucose metabolism in health and disease. <i>Neuropharmacology</i> , 2018, 136, 243-250.	4.1	5
27	Circular Inference in Dementia Diagnostics. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 69-73.	2.6	17
28	Brain PET Imaging of $\frac{1}{7}$ -nAChR with [18F]ASEM: Reproducibility, Occupancy, Receptor Density, and Changes in Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 656-667.	2.1	47
29	Elevated dopamine D1 receptor availability in striatum of Göttingen minipigs after electroconvulsive therapy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 881-887.	4.3	12
30	Noradrenergic Deficits in Parkinson Disease Imaged with <sup>11</sup> C-MeNER. <i>Journal of Nuclear Medicine</i> , 2018, 59, 659-664.	5.0	40
31	Effects of hypoglycaemia on working memory and regional cerebral blood flow in type 1 diabetes: a randomised, crossover trial. <i>Diabetologia</i> , 2018, 61, 551-561.	6.3	14
32	Trajectories of Brain Lactate and Re-visited Oxygen-Glucose Index Calculations Do Not Support Elevated Non-oxidative Metabolism of Glucose Across Childhood. <i>Frontiers in Neuroscience</i> , 2018, 12, 631.	2.8	12
33	Molecular Imaging of the Noradrenergic System in Idiopathic Parkinson's Disease. <i>International Review of Neurobiology</i> , 2018, 141, 251-274.	2.0	13
34	Nicotine Modulates Cognitive Function in D-Galactose-Induced Senescence in Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 194.	3.4	23
35	Impact of Global Mean Normalization on Regional Glucose Metabolism in the Human Brain. <i>Neural Plasticity</i> , 2018, 2018, 1-16.	2.2	7
36	Are dopamine receptor and transporter changes in Rett syndrome reflected in Mecp2-deficient mice?. <i>Experimental Neurology</i> , 2018, 307, 74-81.	4.1	15

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37	Molecular Insights Into Memory-Enhancing Metabolites of Nicotine in Brain: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2018, 12, 1002.	2.8	19
38	Mitochondrial DNA G13708A variation and multiple sclerosis: Is there an association?. <i>Revue Neurologique</i> , 2017, 173, 164-168.	1.5	7
39	Recording membrane potential changes through photoacoustic voltage sensitive dye. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
40	Pandora's Box: mitochondrial defects in ischaemic heart disease and stroke. <i>Expert Reviews in Molecular Medicine</i> , 2017, 19, e5.	3.9	19
41	No evidence of association between optic neuritis and secondary LHON mtDNA mutations in patients with multiple sclerosis. <i>Mitochondrion</i> , 2017, 36, 182-185.	3.4	8
42	Early synaptic dysfunction induced by $\alpha$ -synuclein in a rat model of Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 6363.	3.3	58
43	Blood-Brain Glucose Transfer in Alzheimer's disease: Effect of GLP-1 Analog Treatment. <i>Scientific Reports</i> , 2017, 7, 17490.	3.3	94
44	Radioligand binding analysis of $\alpha_2$ adrenoceptors with [ <sup>11</sup> C]yohimbine in brain in vivo: Extended Inhibition Plot correction for plasma protein binding. <i>Scientific Reports</i> , 2017, 7, 15979.	3.3	14
45	Prognostic Implications of Total Hemispheric Glucose Metabolism Ratio in Cerebrocerebellar Diaschisis. <i>Journal of Nuclear Medicine</i> , 2017, 58, 768-773.	5.0	8
46	Sex differences of human cortical blood flow and energy metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2433-2440.	4.3	83
47	In Alzheimer's Disease, 6-Month Treatment with GLP-1 Analog Prevents Decline of Brain Glucose Metabolism: Randomized, Placebo-Controlled, Double-Blind Clinical Trial. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 108.	3.4	282
48	Behavioural effects of high fat diet in a mutant mouse model for the schizophrenia risk gene <i>neuregulin 1</i> . <i>Genes, Brain and Behavior</i> , 2016, 15, 295-304.	2.2	7
49	The Minimal Energetic Requirement of Sustained Awareness after Brain Injury. <i>Current Biology</i> , 2016, 26, 1494-1499.	3.9	88
50	A ketogenic diet accelerates neurodegeneration in mice with induced mitochondrial DNA toxicity in the forebrain. <i>Neurobiology of Aging</i> , 2016, 48, 34-47.	3.1	30
51	Uniform distributions of glucose oxidation and oxygen extraction in gray matter of normal human brain: No evidence of regional differences of aerobic glycolysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 903-916.	4.3	74
52	Lactate Transport and Receptor Actions in Retina: Potential Roles in Retinal Function and Disease. <i>Neurochemical Research</i> , 2016, 41, 1229-1236.	3.3	41
53	Cerebral Blood Flow and $A\beta$ -Amyloid Estimates by WARM Analysis of [ <sup>11</sup> C]PiB Uptake Distinguish among and between Neurodegenerative Disorders and Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 321.	3.4	17
54	Incorporating Boundary Conditions in the Integral Form of the Radiative Transfer Equation for Transcranial Imaging. , 2016, , .		3

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55	Acute Vagal Nerve Stimulation Lowers $\alpha_2$ Adrenoceptor Availability: Possible Mechanism of Therapeutic Action. <i>Brain Stimulation</i> , 2015, 8, 702-707.	1.6	34
56	Smoking Normalizes Cerebral Blood Flow and Oxygen Consumption after 12-Hour Abstinence. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 699-705.	4.3	26
57	Mapping $\alpha_2$ Adrenoceptors of the Human Brain with $^{11}\text{C}$ -Yohimbine. <i>Journal of Nuclear Medicine</i> , 2015, 56, 392-398.	5.0	31
58	Lack of association between mitochondrial DNA G15257A and G15812A variations and multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2015, 356, 102-106.	0.6	9
59	Quantification of [ $^{11}\text{C}$ ]yohimbine Binding to $\alpha_2$ Adrenoceptors in Rat Brain <i>in vivo</i> . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 501-511.	4.3	13
60	The lactate receptor, G-protein-coupled receptor 81/hydroxycarboxylic acid receptor 1: Expression and action in brain. <i>Journal of Neuroscience Research</i> , 2015, 93, 1045-1055.	2.9	150
61	Mitochondrial DNA T4216C and A4917G variations in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2015, 356, 55-60.	0.6	19
62	Quantitative Rates of Brain Glucose Metabolism Distinguish Minimally Conscious from Vegetative State Patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 58-65.	4.3	99
63	Blood-brain transfer and antinociception of linear and cyclic N-methyl-guanidine and thiourea-enkephalins. <i>Peptides</i> , 2015, 63, 10-21.	2.4	8
64	Experience Drives Synchronization: The phase and Amplitude Dynamics of Neural Oscillations to Musical Chords Are Differentially Modulated by Musical Expertise. <i>PLoS ONE</i> , 2015, 10, e0134211.	2.5	14
65	Lactate transport and receptor actions: Potential roles in inner retinal function and disease. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	1.1	0
66	Influence of GLP-1 on Myocardial Glucose Metabolism in Healthy Men during Normo- or Hypoglycemia. <i>PLoS ONE</i> , 2014, 9, e83758.	2.5	21
67	Amyloid Beta1-42 and the Phosphorylated Tau Threonine 231 in Brains of Aged Cynomolgus Monkeys ( <i>Macaca fascicularis</i> ). <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 313.	3.4	22
68	Lactate transport and receptor actions in cerebral malaria. <i>Frontiers in Neuroscience</i> , 2014, 8, 125.	2.8	13
69	Oxidative metabolism of astrocytes is not reduced in hepatic encephalopathy: a PET study with [ $^{11}\text{C}$ ]acetate in humans. <i>Frontiers in Neuroscience</i> , 2014, 8, 353.	2.8	16
70	Astrocytic tracer dynamics estimated from [1- $^{11}\text{C}$ ]-acetate PET measurements. <i>Mathematical Medicine and Biology</i> , 2014, 32, dqu021.	1.2	4
71	At the Centennial of Michaelis and Menten, Competing Michaelis-Menten Steps Explain Effect of $^{11}\text{C}$ -GLP-1 on Blood-Brain Transfer and Metabolism of Glucose. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 115, 162-171.	2.5	23
72	Lactate Receptor Sites Link Neurotransmission, Neurovascular Coupling, and Brain Energy Metabolism. <i>Cerebral Cortex</i> , 2014, 24, 2784-2795.	2.9	261

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73	Diagnostic precision of PET imaging and functional MRI in disorders of consciousness: a clinical validation study. <i>Lancet, The</i> , 2014, 384, 514-522.	13.7	433
74	Impact of glucagon-like peptide-1 on myocardial glucose metabolism revisited. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 219-231.	5.7	10
75	Parkinson's disease and mitochondrial gene variations: A review. <i>Journal of the Neurological Sciences</i> , 2014, 346, 11-19.	0.6	26
76	IC-P-218: RECEIVER OPERATING CHARACTERISTICS (ROC) OF FLOW AND AMYLOID LOAD INDICES FROM BRAIN MAPS OF [11C]PIB RETENTION IN ALZHEIMER'S DISEASE. , 2014, 10, P117-P118.		0
77	O3-12-06: CHARACTERIZATION OF THE CYNOMOLGUS MONKEY AS A SPONTANEOUS MODEL FOR STUDIES OF SENILE DEMENTIA. , 2014, 10, P234-P234.		0
78	Positron Emission Tomography of Brain Glucose Metabolism with [18F]Fluorodeoxyglucose in Humans. <i>Neuromethods</i> , 2014, , 341-364.	0.3	5
79	Poor memory performance in aged cynomolgus monkeys with hippocampal atrophy, depletion of amyloid beta 1-42 and accumulation of tau proteins in cerebrospinal fluid. <i>In Vivo</i> , 2014, 28, 173-84.	1.3	13
80	The success rate in a complicated spatial memory test is determined by age, sex, life history and search strategies in cynomolgus monkeys. <i>In Vivo</i> , 2014, 28, 741-50.	1.3	1
81	Correlations between serum levels of beta amyloid, cerebrospinal levels of tau and phospho tau, and delayed response tasks in young and aged cynomolgus monkeys ( <i>doi:10.1007/s12035-014-0107-1</i> )	0.784314	10
82	Low dopamine D5 receptor density in hippocampus in an animal model of attention-deficit/hyperactivity disorder (ADHD). <i>Neuroscience</i> , 2013, 242, 11-20.	2.3	17
83	Analysis of Time and Space Invariance of BOLD Responses in the Rat Visual System. <i>Cerebral Cortex</i> , 2013, 23, 210-222.	2.9	28
84	Effects of Anesthesia and Species on the Uptake or Binding of Radioligands In Vivo in the Göttingen Minipig. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	20
85	Perspective food addiction, caloric restriction, and dopaminergic neurotransmission. <i>Acta Neuropsychiatrica</i> , 2013, 25, 257-267.	2.1	0
86	Increased Turnover of Dopamine in Caudate Nucleus of Detoxified Alcoholic Patients. <i>PLoS ONE</i> , 2013, 8, e73903.	2.5	13
87	Washout allometric reference method (WARM) for parametric analysis of [11C]PIB in human brains. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 45.	3.4	16
88	Blood-brain transfer of Pittsburgh compound B in humans. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 70.	3.4	20
89	PiB Fails to Map Amyloid Deposits in Cerebral Cortex of Aged Dogs with Canine Cognitive Dysfunction. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 99.	3.4	20
90	Dopaminergic and Clinical Correlates of Pathological Gambling in Parkinson's Disease: A Case Report. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 95.	2.0	10

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91	Glucagon-like peptide-1 (GLP-1) raises blood-brain glucose transfer capacity and hexokinase activity in human brain. <i>Frontiers in Neuroenergetics</i> , 2013, 5, 2.	5.3	25
92	Natural selection of mitochondria during somatic lifetime promotes healthy aging. <i>Frontiers in Neuroenergetics</i> , 2013, 5, 7.	5.3	21
93	MEG reveals a fast pathway from somatosensory cortex to occipital areas via posterior parietal cortex in a blind subject. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 429.	2.0	29
94	Brain Energy Metabolism and Blood Flow Differences in Healthy Aging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1177-1187.	4.3	145
95	Is lactate a volume transmitter of metabolic states of the brain?. <i>Frontiers in Neuroenergetics</i> , 2012, 4, 5.	5.3	90
96	Oxygen Consumption and Blood Flow Coupling in Human Motor Cortex during Intense Finger Tapping: Implication for a Role of Lactate. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1859-1868.	4.3	48
97	Striatal dopamine release codes uncertainty in pathological gambling. <i>Psychiatry Research - Neuroimaging</i> , 2012, 204, 55-60.	1.8	65
98	Glucagon-Like Peptide-1 Decreases Intracerebral Glucose Content by Activating Hexokinase and Changing Glucose Clearance during Hyperglycemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 2146-2152.	4.3	40
99	Exenatide Alters Myocardial Glucose Transport and Uptake Depending on Insulin Resistance and Increases Myocardial Blood Flow in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1165-E1169.	3.6	64
100	Cerebral oxygen metabolism in patients with early Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2012, 313, 123-128.	0.6	26
101	Mathematical Modeling and the Quantification of Brain Dynamics. <i>Neuroinformatics</i> , 2012, , 23-39.	0.3	1
102	Low Residual CBF Variability in Alzheimer's Disease after Correction for CO2 Effect. <i>Frontiers in Neuroenergetics</i> , 2012, 4, 8.	5.3	14
103	Redistribution of monocarboxylate transporter 2 on the surface of astrocytes in the human epileptogenic hippocampus. <i>Glia</i> , 2012, 60, 1172-1181.	4.9	26
104	Serotonergic modulation of receptor occupancy in rats treated with $\alpha$ -MPTP after unilateral 6-OHDA lesioning. <i>Journal of Neurochemistry</i> , 2012, 120, 806-817.	3.9	37
105	Glucose metabolism in small subcortical structures in Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2012, 125, 303-310.	2.1	36
106	Effects of liraglutide on neurodegeneration, blood flow and cognition in Alzheimer's disease - protocol for a controlled, randomized double-blinded trial. <i>Danish Medical Journal</i> , 2012, 59, A4519.	0.5	46
107	Neurokinetics. , 2011, , .		10
108	Relief of Fecal Incontinence by Sacral Nerve Stimulation Linked to Focal Brain Activation. <i>Diseases of the Colon and Rectum</i> , 2011, 54, 318-323.	1.3	61

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109	Inverse association between dopaminergic neurotransmission and Iowa Gambling Task performance in pathological gamblers and healthy controls. <i>Scandinavian Journal of Psychology</i> , 2011, 52, 28-34.	1.5	68
110	Dopamine release in ventral striatum during Iowa Gambling Task performance is associated with increased excitement levels in pathological gambling. <i>Addiction</i> , 2011, 106, 383-390.	3.3	178
111	Analysis of Neuroreceptor Binding In Vivo. , 2011, , 103-129.		1
112	Variable ATP Yields and Uncoupling of Oxygen Consumption in Human Brain. <i>Advances in Experimental Medicine and Biology</i> , 2011, 701, 243-248.	1.6	5
113	Cellular Mechanisms of Brain Energy Metabolism. , 2011, , 123-146.		6
114	The effects of normoxia, hypoxia, and hyperoxia on cerebral haemoglobin saturation using near infrared spectroscopy during maximal exercise. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 190-196.	2.6	14
115	Cortical hypometabolism and hypoperfusion in Parkinson's disease is extensive: probably even at early disease stages. <i>Brain Structure and Function</i> , 2010, 214, 303-317.	2.3	140
116	No oxygen delivery limitation in hepatic encephalopathy. <i>Metabolic Brain Disease</i> , 2010, 25, 57-63.	2.9	15
117	A deformation-based morphometry study of patients with early-stage Parkinson's disease. <i>European Journal of Neurology</i> , 2010, 17, 314-320.	3.3	80
118	Cerebral oxygenation is reduced during hyperthermic exercise in humans. <i>Acta Physiologica</i> , 2010, 199, 63-70.	3.8	52
119	Dopamine release in ventral striatum of pathological gamblers losing money. <i>Acta Psychiatrica Scandinavica</i> , 2010, 122, 326-333.	4.5	105
120	Reduced muscle activation during exercise related to brain oxygenation and metabolism in humans. <i>Journal of Physiology</i> , 2010, 588, 1985-1995.	2.9	137
121	Regional cerebral glucose metabolism during sevoflurane anaesthesia in healthy subjects studied with positron emission tomography. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 603-609.	1.6	29
122	Diffusive insights: on the disagreement of Christian Bohr and August Krogh at the Centennial of the Seven Little Devils. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2010, 34, 174-185.	1.6	17
123	Inverted-U shape relation links impulsivity and dopamine receptor availability in ventral striatum. <i>NeuroImage</i> , 2010, 52, S109.	4.2	0
124	Relative effect of transmitter release depends only on transmitter baseline, not on maximum binding capacity. <i>NeuroImage</i> , 2010, 52, S19.	4.2	0
125	Increased sensitivity to supra-threshold painful stimuli in patients with multiple functional somatic symptoms (MFS). <i>Brain Research Bulletin</i> , 2010, 82, 135-140.	3.0	10
126	Huntington's disease-like and ataxia syndromes: Identification of a family with a de novo SCA17/TBP mutation. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 12-15.	2.2	20



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127	Pathological gambling: Relation of skin conductance response to dopaminergic neurotransmission and sensation-seeking. <i>European Neuropsychopharmacology</i> , 2010, 20, 766-775.	0.7	16
128	Elevated [ <sup>18</sup> F]FDOPA utilization in the periaqueductal gray and medial nucleus accumbens of patients with early Parkinson's disease. <i>NeuroImage</i> , 2010, 49, 2933-2939.	4.2	28
129	Inverted-U-shaped correlation between dopamine receptor availability in striatum and sensation seeking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3870-3875.	7.1	121
130	Cognitive Control in Auditory Working Memory Is Enhanced in Musicians. <i>PLoS ONE</i> , 2010, 5, e11120.	2.5	165
131	Monoaminergic modulation of emotional impact in the inferomedial prefrontal cortex. <i>Synapse</i> , 2009, 63, 160-166.	1.2	4
132	Deep Brain Stimulation Reveals Emotional Impact Processing in Ventromedial Prefrontal Cortex. <i>PLoS ONE</i> , 2009, 4, e8120.	2.5	7
133	Principal Cell Spiking, Postsynaptic Excitation, and Oxygen Consumption in the Rat Cerebellar Cortex. <i>Journal of Neurophysiology</i> , 2009, 102, 1503-1512.	1.8	35
134	Parametric Mapping of 5HT <sub>1A</sub> Receptor Sites in the Human Brain with the Hypotime Method: Theory and Normal Values. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1229-1236.	5.0	6
135	The blood-brain barrier is impermeable to metrizamide. <i>Acta Neurologica Scandinavica</i> , 2009, 66, 392-395.	2.1	2
136	Metabolic effect of topical application of metrizamide to rat brain cortex. <i>Acta Neurologica Scandinavica</i> , 2009, 72, 427-431.	2.1	1
137	Carbogen inhalation increases oxygen transport to hypoperfused brain tissue in patients with occlusive carotid artery disease. <i>Brain Research</i> , 2009, 1304, 90-95.	2.2	19
138	STN-stimulation in Parkinson's disease restores striatal inhibition of thalamocortical projection. <i>Human Brain Mapping</i> , 2009, 30, 112-121.	3.6	59
139	Reestablishing Speech Understanding through Musical Ear Training after Cochlear Implantation. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 437-440.	3.8	15
140	Attention, emotion, and deactivation of default activity in inferior medial prefrontal cortex. <i>Brain and Cognition</i> , 2009, 69, 344-352.	1.8	21
141	Low Cerebral Oxygen Consumption and Blood Flow in Patients With Cirrhosis and an Acute Episode of Hepatic Encephalopathy. <i>Gastroenterology</i> , 2009, 136, 863-871.	1.3	102
142	Cognitive and Emotional Modulation of Brain Default Operation. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1065-1080.	2.3	47
143	Artefactual subcortical hyperperfusion in PET studies normalized to global mean: Lessons from Parkinson's disease. <i>NeuroImage</i> , 2009, 45, 249-257.	4.2	78
144	Data-driven intensity normalization of PET group comparison studies is superior to global mean normalization. <i>NeuroImage</i> , 2009, 46, 981-988.	4.2	56

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145	Subcortical elevation of metabolism in Parkinson's disease – A critical reappraisal in the context of global mean normalization. <i>NeuroImage</i> , 2009, 47, 1514-1521.	4.2	50
146	Recruitment of the middle temporal area by tactile motion in congenital blindness. <i>NeuroReport</i> , 2009, 20, 543-547.	1.2	61
147	Coupling between the blood lactate-to-pyruvate ratio and MCA <i>V</i> <sub>mean</sub> at the onset of exercise in humans. <i>Journal of Applied Physiology</i> , 2009, 107, 1799-1805.	2.5	11
148	Residual neurovascular function and retinotopy in a case of hemianopia. <i>Annals of the Academy of Medicine, Singapore</i> , 2009, 38, 827-31.	0.4	5
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