

Caroline D Rae

List of Publications by Year in descending order

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136
papers

5,916
citations

66343

42
h-index

85541

71
g-index

142
all docs

142
docs citations

142
times ranked

7829
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain mitochondrial dysfunction and driving simulator performance in untreated obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2022, 31, e13482.	3.2	4
2	Brain aging and cardiovascular factors in HIV: a longitudinal volume and shape MRI study. <i>Aids</i> , 2022, 36, 785-794.	2.2	7
3	Clinical predictors of working memory performance in obstructive sleep apnea patients before and during extended wakefulness. <i>Sleep</i> , 2022, 45, .	1.1	1
4	Long reach of the NAAG family tree. <i>Journal of Neurochemistry</i> , 2021, 156, 13-15.	3.9	0
5	Emerging Concepts in Vector Development for Glial Gene Therapy: Implications for Leukodystrophies. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 661857.	3.7	6
6	Disruption to normal excitatory and inhibitory function within the medial prefrontal cortex in people with chronic pain. <i>European Journal of Pain</i> , 2021, 25, 2242-2256.	2.8	12
7	Diffusion Tensor Imaging in Sport-Related Concussion: A Systematic Review Using an <i>a priori</i> Quality Rating System. <i>Journal of Neurotrauma</i> , 2021, 38, 3032-3046.	3.4	2
8	030â€¦Brain aging and cardiovascular risk factors in chronic HIV: A longitudinal MRI study. , 2021, , .		0
9	Sleep spindle activity correlates with implicit statistical learning consolidation in untreated obstructive sleep apnea patients. <i>Sleep Medicine</i> , 2021, 86, 126-134.	1.6	9
10	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	4.2	28
11	Developing a protocol for neuroimaging to investigate brain ageing and dementia in collaboration with aboriginal Australian communities. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
12	L-Aspartate, L-Ornithine and L-Ornithine-L-Aspartate (LOLA) and Their Impact on Brain Energy Metabolism. <i>Neurochemical Research</i> , 2020, 45, 1438-1450.	3.3	13
13	Brain amyloid in virally suppressed HIV-associated neurocognitive disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	22
14	Additive and Synergistic Cardiovascular Disease Risk Factors and HIV Disease Markers' Effects on White Matter Microstructure in Virally Suppressed HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 84, 543-551.	2.1	6
15	CRPS Is Not Associated with Altered Sensorimotor Cortex GABA or Glutamate. <i>ENeuro</i> , 2020, 7, ENEURO.0389-19.2020.	1.9	6
16	Actions of Alcohol in Brain: Genetics, Metabolomics, GABA Receptors, Proteomics and Glutamate Transporter GLAST/EAAT1. <i>Current Molecular Pharmacology</i> , 2020, 14, 138-149.	1.5	8
17	Reduced Glutamate in the Medial Prefrontal Cortex Is Associated With Emotional and Cognitive Dysregulation in People With Chronic Pain. <i>Frontiers in Neurology</i> , 2019, 10, 1110.	2.4	27
18	Fine-Grained Mapping of Cortical Somatotopies in Chronic Complex Regional Pain Syndrome. <i>Journal of Neuroscience</i> , 2019, 39, 9185-9196.	3.6	43

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19	Neurobiological and Cognitive Profile of Young Binge Drinkers: a Systematic Review and Meta-Analysis. <i>Neuropsychology Review</i> , 2019, 29, 357-385.	4.9	73
20	Validity and reliability of measurements of aponeurosis dimensions from magnetic resonance images. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 808-815.	2.9	1
21	Understanding autism spectrum disorder and social functioning in children with neurofibromatosis type 1: protocol for a cross-sectional multimodal study. <i>BMJ Open</i> , 2019, 9, e030601.	1.9	11
22	HIV brain latency as measured by CSF Bcl11b relates to disrupted brain cellular energy in virally suppressed HIV infection. <i>Aids</i> , 2019, 33, 433-441.	2.2	13
23	Imaging correlates of the blood-brain barrier disruption in HIV-associated neurocognitive disorder and therapeutic implications. <i>Aids</i> , 2019, 33, 1843-1852.	2.2	36
24	A Novel Finger Illusion Reveals Reduced Weighting of Bimanual Hand Cortical Representations in People With Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2019, 20, 171-180.	1.4	9
25	Atrophic brain signatures of mild forms of neurocognitive impairment in virally suppressed HIV infection. <i>Aids</i> , 2019, 33, 55-66.	2.2	33
26	On the Reliability of Individual Brain Activity Networks. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 649-662.	8.9	16
27	The relationship between thalamic GABA content and resting cortical rhythm in neuropathic pain. <i>Human Brain Mapping</i> , 2018, 39, 1945-1956.	3.6	28
28	Uncoupling N-acetylaspartate from brain pathology: implications for Canavan disease gene therapy. <i>Acta Neuropathologica</i> , 2018, 135, 95-113.	7.7	38
29	P457: NEURAL CORRELATES OF EARLY LIFE STRESS IN A POPULATION AT HIGHER RISK FOR DEMENTIA: A PILOT STUDY IN OLDER ABORIGINAL AUSTRALIANS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1499.	0.8	0
30	Covertly active and progressing neurochemical abnormalities in suppressed HIV infection. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2018, 5, e430.	6.0	22
31	Binge drinking in young people: protocol for a systematic review of neuropsychological, neurophysiological and neuroimaging studies. <i>BMJ Open</i> , 2018, 8, e023629.	1.9	6
32	Brain bioenergetics during resting wakefulness are related to neurobehavioral deficits in severe obstructive sleep apnea: a 31P magnetic resonance spectroscopy study. <i>Sleep</i> , 2018, 41, .	1.1	6
33	White matter measures are near normal in controlled HIV infection except in those with cognitive impairment and longer HIV duration. <i>Journal of NeuroVirology</i> , 2017, 23, 539-547.	2.1	39
34	$\hat{1}^2$ -Hydroxybutyrate Boosts Mitochondrial and Neuronal Metabolism but is not Preferred Over Glucose Under Activated Conditions. <i>Neurochemical Research</i> , 2017, 42, 1710-1723.	3.3	30
35	Glutathione in the human brain: Review of its roles and measurement by magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , 2017, 529, 127-143.	2.4	126
36	Acetate metabolism does not reflect astrocytic activity, contributes directly to GABA synthesis, and is increased by silent information regulator 1 activation. <i>Journal of Neurochemistry</i> , 2017, 140, 903-918.	3.9	28

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37	An Objective Short Sleep Insomnia Disorder Subtype Is Associated With Reduced Brain Metabolite Concentrations In Vivo: A Preliminary Magnetic Resonance Spectroscopy Assessment. <i>Sleep</i> , 2017, 40, .	1.1	19
38	$\hat{1}^2$ -Hydroxybutyrate in the Brain: One Molecule, Multiple Mechanisms. <i>Neurochemical Research</i> , 2017, 42, 35-49.	3.3	182
39	Toluene inhalation in adolescent rats reduces flexible behaviour in adulthood and alters glutamatergic and GABAergic signalling. <i>Journal of Neurochemistry</i> , 2016, 139, 806-822.	3.9	25
40	Network comparison with frequency domain persistent homology. , 2016, , .		2
41	Metabolomics of Neurotransmitters and Related Metabolites in Post-Mortem Tissue from the Dorsal and Ventral Striatum of Alcoholic Human Brain. <i>Neurochemical Research</i> , 2016, 41, 385-397.	3.3	20
42	Brain activity: Conditional dissimilarity and persistent homology. , 2015, , .		37
43	A new role for $\hat{1}$ -ketoglutarate dehydrogenase complex: regulating metabolism through post-translational modification of other enzymes. <i>Journal of Neurochemistry</i> , 2015, 134, 3-6.	3.9	9
44	Astrocytes, Metabolism, Signaling and Brain Drains: Introduction to the Special Issue in Honor of Gerald Dienel. <i>Neurochemical Research</i> , 2015, 40, 2383-2385.	3.3	0
45	Silent information regulator 1 modulator resveratrol increases brain lactate production and inhibits mitochondrial metabolism, whereas SRT1720 increases oxidative metabolism. <i>Journal of Neuroscience Research</i> , 2015, 93, 1147-1156.	2.9	19
46	Metabolomic Approaches to Defining the Role(s) of GABA $\hat{1}$ Receptors in the Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 445-456.	4.1	7
47	Upper limb function is normal in patients with restless legs syndrome (Willis-Ekbom Disease). <i>Clinical Neurophysiology</i> , 2015, 126, 736-742.	1.5	3
48	Creatine as a booster for human brain function. How might it work?. <i>Neurochemistry International</i> , 2015, 89, 249-259.	3.8	71
49	Alterations of GABA and glutamate-glutamine levels in premenstrual dysphoric disorder: A 3T proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 64-70.	1.8	39
50	Brain Activity: Connectivity, Sparsity, and Mutual Information. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 846-860.	8.9	35
51	Do maternal opioids reduce neonatal regional brain volumes? A pilot study. <i>Journal of Perinatology</i> , 2014, 34, 909-913.	2.0	67
52	Ethanol, not detectably metabolized in brain, significantly reduces brain metabolism, probably via action at specific GABA(A) receptors and has measureable metabolic effects at very low concentrations. <i>Journal of Neurochemistry</i> , 2014, 129, 304-314.	3.9	22
53	Hand function is impaired in healthy older adults at risk of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2014, 121, 1377-1386.	2.8	3
54	A Guide to the Metabolic Pathways and Function of Metabolites Observed in Human Brain 1H Magnetic Resonance Spectra. <i>Neurochemical Research</i> , 2014, 39, 1-36.	3.3	391

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55	Thalamic activity and biochemical changes in individuals with neuropathic pain after spinal cord injury. <i>Pain</i> , 2014, 155, 1027-1036.	4.2	106
56	The Energetic Cost of a Night on the Town. <i>Sleep</i> , 2014, 37, 1881-1882.	1.1	2
57	Glutamate Metabolism is Impaired in Transgenic Mice with Tau Hyperphosphorylation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 684-691.	4.3	54
58	Resistance training improves cardiac output, exercise capacity and tolerance to positive airway pressure in Fontan physiology. <i>International Journal of Cardiology</i> , 2013, 168, 780-788.	1.7	145
59	Chronic Pain: Lost Inhibition?. <i>Journal of Neuroscience</i> , 2013, 33, 7574-7582.	3.6	148
60	Combining MR elastography and diffusion tensor imaging for the assessment of anisotropic mechanical properties: A phantom study. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 217-226.	3.4	77
61	Anodal transcranial direct current stimulation increases brain intracellular pH and modulates bioenergetics. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1695-1706.	2.1	36
62	Training the brain and its connections to muscles. <i>Journal of Applied Physiology</i> , 2013, 115, 155-156.	2.5	0
63	Skeletal muscle abnormalities and exercise capacity in adults with a Fontan circulation. <i>Heart</i> , 2013, 99, 1530-1534.	2.9	92
64	Direct mapping of T ₂ * signal changes induced by Transcranial Direct Current Stimulation. , 2013, , .		0
65	HIV, Vascular and Aging Injuries in the Brain of Clinically Stable HIV-Infected Adults: A 1H MRS Study. <i>PLoS ONE</i> , 2013, 8, e61738.	2.5	93
66	Identifying fMRI Model Violations With Lagrange Multiplier Tests. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 1481-1492.	8.9	6
67	Metabolism, Compartmentation, Transport and Production of Acetate in the Cortical Brain Tissue Slice. <i>Neurochemical Research</i> , 2012, 37, 2541-2553.	3.3	71
68	Statistical Total Correlation Spectroscopy Scaling for Enhancement of Metabolic Information Recovery in Biological NMR Spectra. <i>Analytical Chemistry</i> , 2012, 84, 1083-1091.	6.5	26
69	Magnetic Resonance-Based Metabolomics for Understanding Neurological Disorders: Current Status and Statistical Considerations. <i>Current Metabolomics</i> , 2012, 1, 2-14.	0.5	0
70	Magnetic Resonance-Based Metabolomics for Understanding Neurological Disorders: Current Status and Statistical Considerations. <i>Current Metabolomics</i> , 2012, 1, 2-14.	0.5	0
71	Statistical Integration of ¹ H NMR and MRS Data from Different Biofluids and Tissues Enhances Recovery of Biological Information from Individuals with HIV-1 infection. <i>Journal of Proteome Research</i> , 2011, 10, 1737-1745.	3.7	30
72	Activity-dependent ¹³ C-aminobutyric acid release controls brain cortical tissue slice metabolism. <i>Journal of Neuroscience Research</i> , 2011, 89, 1935-1945.	2.9	12

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73	Time-to-Onset latency in fMRI: Fast detection of delayed activation. , 2011, , .		2
74	Pyruvate Carboxylation in Different Model Systems Studied by ¹³ C MRS. Neurochemical Research, 2010, 35, 1916-1921.	3.3	33
75	A metabonomic study of inhibition of GABA uptake in the cerebral cortex. Metabolomics, 2010, 6, 67-77.	3.0	9
76	¹³ C-Hydroxybutyrate and the GABAergic footprint: a metabolomic approach to unpicking the actions of GHB. Journal of Neurochemistry, 2010, 115, 58-67.	3.9	32
77	Bootstrap quantification of cardiac pulsation artifact in DTI. NeuroImage, 2010, 49, 631-640.	4.2	17
78	Corpus Callosum Morphology and Its Relationship to Cognitive Function in Neurofibromatosis Type 1. Journal of Child Neurology, 2010, 25, 834-841.	1.4	69
79	Metabolite profiling of the intraerythrocytic malaria parasite <i>Plasmodium falciparum</i> by ¹ H NMR spectroscopy. NMR in Biomedicine, 2009, 22, 292-302.	2.8	101
80	Metabolic Effects of Blocking Lactate Transport in Brain Cortical Tissue Slices Using an Inhibitor Specific to MCT1 and MCT2. Neurochemical Research, 2009, 34, 1783-1791.	3.3	19
81	Rottlerin Inhibits (Na ⁺ , K ⁺)-ATPase Activity in Brain Tissue and Alters d-Aspartate Dependent Redistribution of Glutamate Transporter GLAST in Cultured Astrocytes. Neurochemical Research, 2009, 34, 1767-1774.	3.3	8
82	Dynamic Changes in Brain Bioenergetics during Obstructive Sleep Apnea. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1421-1428.	4.3	28
83	Understanding your inhibitions: effects of GABA and GABA _A receptor modulation on brain cortical metabolism. Journal of Neurochemistry, 2009, 108, 57-71.	3.9	15
84	Now I know my ABC. A systems neurochemistry and functional metabolomic approach to understanding the GABAergic system. Journal of Neurochemistry, 2009, 109, 109-116.	3.9	20
85	RE: Magnetic resonance spectroscopy of the brain: review of metabolites and clinical applications. Clinical Radiology, 2009, 64, 1042-1043.	1.1	4
86	Mind Meld: Collaborative Approaches to Understanding How We All Think. Brain Imaging and Behavior, 2008, 2, 343-349.	2.1	3
87	Modulation of brain metabolism by very low concentrations of the commonly used drug delivery vehicle dimethyl sulfoxide (DMSO). Journal of Neuroscience Research, 2008, 86, 208-214.	2.9	47
88	Piece of mind; a full systems approach is required. Behavioral and Brain Sciences, 2007, 30, 167-168.	0.7	2
89	The effects of large neutral amino acid supplements in PKU: An MRS and neuropsychological study. Molecular Genetics and Metabolism, 2007, 91, 48-54.	1.1	109
90	Inhibitors of glutamate transport modulate distinct patterns in brain metabolism. Journal of Neuroscience Research, 2007, 85, 342-350.	2.9	21

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91	Understanding Your Inhibitions: Modulation of Brain Cortical Metabolism by GABAB Receptors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1510-1520.	4.3	24
92	Alanine metabolism, transport, and cycling in the brain. <i>Journal of Neurochemistry</i> , 2007, 102, 1758-1770.	3.9	48
93	A Metabolomic Approach to Ionotropic Glutamate Receptor Subtype Function: A Nuclear Magnetic Resonance in vitro Investigation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1005-1017.	4.3	33
94	Immunopathogenesis of cerebral malaria. <i>International Journal for Parasitology</i> , 2006, 36, 569-582.	3.1	222
95	Brain metabolic markers reflect susceptibility status in cytokine gene knockout mice with murine cerebral malaria. <i>International Journal for Parasitology</i> , 2006, 36, 1409-1418.	3.1	19
96	Group I and II metabotropic glutamate receptors alter brain cortical metabolic and glutamate/glutamine cycle activity: a ¹³ C NMR spectroscopy and metabolomic study. <i>Journal of Neurochemistry</i> , 2005, 92, 405-416.	3.9	23
97	Metabolites from cerebrospinal fluid in aneurysmal subarachnoid haemorrhage correlate with vasospasm and clinical outcome: a pattern-recognition ¹ H NMR study. <i>NMR in Biomedicine</i> , 2005, 18, 24-33.	2.8	65
98	For want of a nail. ramifications of a single gene deletion, dystrophin, in the brain of the mouse. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 74.	3.0	15
99	Enlarged Temporal Lobes in Turner Syndrome: An X-chromosome Effect?. <i>Cerebral Cortex</i> , 2004, 14, 156-164.	2.9	44
100	Brain gene expression, metabolism, and bioenergetics: interrelationships in murine models of cerebral and noncerebral malaria. <i>FASEB Journal</i> , 2004, 18, 499-510.	0.5	51
101	EFFECTS OF GLUTAMATE TRANSPORT SUBSTRATES AND GLUTAMATE RECEPTOR LIGANDS ON THE ACTIVITY OF Na ⁺ /K ⁺ -ATPase IN BRAIN TISSUE IN VITRO. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 762-769.	1.9	19
102	An Investigation of Neuronal Integrity in Severe Paediatric Traumatic Brain Injury. <i>Child Neuropsychology</i> , 2004, 10, 248-261.	1.3	21
103	Hippocampal area metabolites relate to severity and cognitive function in obstructive sleep apnea. <i>Sleep Medicine</i> , 2004, 5, 593-596.	1.6	140
104	Inhibition of glutamine transport depletes glutamate and GABA neurotransmitter pools: further evidence for metabolic compartmentation. <i>Journal of Neurochemistry</i> , 2003, 85, 503-514.	3.9	149
105	Compartmentation of metabolism probed by [²⁻]alanine: improved NMR sensitivity using a CryoProbe detects evidence of a glial metabolon. <i>Neurochemistry International</i> , 2003, 42, 93-99.	3.8	39
106	Oral creatine monohydrate supplementation improves brain performance: a double-blind, placebo-controlled, crossover trial. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2147-2150.	2.6	180
107	Memory training alters hippocampal neurochemistry in healthy elderly. <i>NeuroReport</i> , 2003, 14, 1333-1337.	1.2	75
108	Memory training alters hippocampal neurochemistry in healthy elderly. <i>NeuroReport</i> , 2003, 14, 1333-1337.	1.2	118

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109	Creatine Supplementation Affects Glucose Homeostasis but Not Insulin Secretion in Humans. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 11-15.	1.9	15
110	Brain Bioenergetics and Cognitive Ability. <i>Developmental Neuroscience</i> , 2003, 25, 324-331.	2.0	45
111	Brain function in Duchenne muscular dystrophy. <i>Brain</i> , 2002, 125, 4-13.	7.6	262
112	Abnormalities in brain biochemistry associated with lack of dystrophin: studies of the mdx mouse. <i>Neuromuscular Disorders</i> , 2002, 12, 121-129.	0.6	26
113	Cerebellar morphology in developmental dyslexia. <i>Neuropsychologia</i> , 2002, 40, 1285-1292.	1.6	141
114	Excitatory Amino Acid Synthesis in Hypoxic Brain Slices: Does Alanine Act as a Substrate for Glutamate Production in Hypoxia?. <i>Journal of Neurochemistry</i> , 2002, 71, 2477-2486.	3.9	41
115	Effects of L-glutamate transport inhibition by a conformationally restricted glutamate analogue (2S,1'S,2'R)-2-(carboxycyclopropyl)glycine (L-CCG III) on metabolism in brain tissue in vitro analysed by NMR spectroscopy. <i>Neurochemical Research</i> , 2002, 27, 27-35.	3.3	22
116	Is Ischemia Involved in the Pathogenesis of Murine Cerebral Malaria?. <i>American Journal of Pathology</i> , 2001, 159, 1105-1112.	3.8	62
117	¹ H NMR of compounds with low water solubility in the presence of erythrocytes: effects of emulsion phase separation. <i>European Biophysics Journal</i> , 2001, 30, 69-74.	2.2	5
118	Hypo-osmotic swelling-activated release of organic osmolytes in brain slices: implications for brain oedema in vivo. <i>Journal of Neurochemistry</i> , 2001, 77, 1632-1640.	3.9	69
119	Metabolic Profiling of Genetic Disorders: A Multitissue ¹ H Nuclear Magnetic Resonance Spectroscopic and Pattern Recognition Study into Dystrophic Tissue. <i>Analytical Biochemistry</i> , 2001, 293, 16-21.	2.4	140
120	Dichloroacetate (DCA) reduces brain lactate but increases brain glutamine in experimental cerebral malaria: a ¹ H-NMR study. <i>Redox Report</i> , 2000, 5, 141-143.	4.5	6
121	Strategies for studies of neurotoxic mechanisms involving deficient transport of L-glutamate: antisense knockout in rat brain in vivo and changes in the neurotransmitter metabolism following inhibition of glutamate transport in guinea pig brain slices. <i>Brain Research Bulletin</i> , 2000, 53, 373-381.	3.0	46
122	Increased permeability of the malaria-infected erythrocyte to organic cations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1463, 88-98.	2.6	64
123	Reduced cytosolic acidification during exercise suggests defective glycolytic activity in skeletal muscle of patients with Becker muscular dystrophy. <i>Brain</i> , 1999, 122, 121-130.	7.6	57
124	Delayed labelling of brain glutamate after an intra-arterial [¹³ C]glucose bolus: evidence for aerobic metabolism of guinea pig brain glycogen store. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1450, 297-307.	4.1	12
125	Lactate-induced inhibition of glucose catabolism in guinea pig cortical brain slices. <i>Neurochemistry International</i> , 1999, 35, 405-409.	3.8	11
126	Metabolic abnormalities in developmental dyslexia detected by ¹ H magnetic resonance spectroscopy. <i>Lancet</i> , The, 1998, 351, 1849-1852.	13.7	181

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127	Brain biochemistry in Duchenne muscular dystrophy: A ¹ H magnetic resonance and neuropsychological study. <i>Journal of the Neurological Sciences</i> , 1998, 160, 148-157.	0.6	50
128	Brain abnormalities in Duchenne muscular dystrophy: phosphorus-31 magnetic resonance spectroscopy and neuropsychological study. <i>Lancet, The</i> , 1995, 345, 1260-1264.	13.7	58
129	Stereospecificity of Substrate Usage by Glyoxalase 1: Nuclear Magnetic Resonance Studies of Kinetics and Hemithioacetal Substrate Conformation. <i>Biochemistry</i> , 1994, 33, 3548-3559.	2.5	21
130	Stability and nonreactivity of ergothioneine in human erythrocytes studied by ¹ H NMR. <i>Magnetic Resonance in Medicine</i> , 1993, 29, 826-829.	3.0	7
131	Comparison of the ¹ H and ³¹ P NMR Spectra of Erythrocytes and Plasma from some Australian Native Animals: Bandicoot, Echidna, Koala, Little Penguin, Tammar Wallaby, Tasmanian Devil, Tree Kangaroo and Wombat. <i>Comparative Haematology International</i> , 1993, 3, 71-80.	0.5	3
132	Glyoxalase 2 deficiency in the erythrocytes of a horse: ¹ H NMR studies of enzyme kinetics and transport of S-lactoylglutathione. <i>Archives of Biochemistry and Biophysics</i> , 1991, 291, 291-299.	3.0	24
133	¹ H NMR spectroscopic survey of plasma and erythrocytes from selected marsupials and domestic animals of Australia. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 99, 575-597.	0.2	14
134	Changes in hepatic glutathione metabolism in diabetes. <i>Diabetes</i> , 1991, 40, 344-348.	0.6	62
135	Kinetic analysis of the human erythrocyte glyoxalase system using ¹ H NMR and a computer model. <i>FEBS Journal</i> , 1990, 193, 83-90.	0.2	71
136	A metabolomics multivariate statistical approach for obtaining data-driven information in neuropharmacological research. <i>Receptors & Clinical Investigation</i> , 0, , .	0.9	1