

# Caroline D Rae

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

4,646  
citations

39  
h-index

65  
g-index

142  
ext. papers

5,316  
ext. citations

5  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
127	Actions of Alcohol in Brain: Genetics, Metabolomics, GABA Receptors, Proteomics and Glutamate Transporter GLAST/EAAT1. <i>Current Molecular Pharmacology</i> , <b>2021</b> , 14, 138-149	3.7	3
126	Emerging Concepts in Vector Development for Glial Gene Therapy: Implications for Leukodystrophies. <i>Frontiers in Cellular Neuroscience</i> , <b>2021</b> , 15, 661857	6.1	0
125	Disruption to normal excitatory and inhibitory function within the medial prefrontal cortex in people with chronic pain. <i>European Journal of Pain</i> , <b>2021</b> , 25, 2242-2256	3.7	0
124	Diffusion Tensor Imaging in Sport-Related Concussion: A Systematic Review Using an Quality Rating System. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 3032-3046	5.4	
123	Brain mitochondrial dysfunction and driving simulator performance in untreated obstructive sleep apnea. <i>Journal of Sleep Research</i> , <b>2021</b> , e13482	5.8	
122	Sleep spindle activity correlates with implicit statistical learning consolidation in untreated obstructive sleep apnea patients. <i>Sleep Medicine</i> , <b>2021</b> , 86, 126-134	4.6	2
121	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , <b>2021</b> , 241, 118430	7.9	8
120	L-Aspartate, L-Ornithine and L-Ornithine-L-Aspartate (LOLA) and Their Impact on Brain Energy Metabolism. <i>Neurochemical Research</i> , <b>2020</b> , 45, 1438-1450	4.6	4
119	Brain amyloid in virally suppressed HIV-associated neurocognitive disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2020</b> , 7,	9.1	8
118	CRPS Is Not Associated with Altered Sensorimotor Cortex GABA or Glutamate. <i>ENeuro</i> , <b>2020</b> , 7,	3.9	1
117	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> , <b>2020</b> , 84, 543-551	3.1	1
116	Neurobiological and Cognitive Profile of Young Binge Drinkers: a Systematic Review and Meta-Analysis. <i>Neuropsychology Review</i> , <b>2019</b> , 29, 357-385	7.7	36
115	Reduced Glutamate in the Medial Prefrontal Cortex Is Associated With Emotional and Cognitive Dysregulation in People With Chronic Pain. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1110	4.1	8
114	Fine-Grained Mapping of Cortical Somatotopies in Chronic Complex Regional Pain Syndrome. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 9185-9196	6.6	21
113	Validity and reliability of measurements of aponeurosis dimensions from magnetic resonance images. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2019</b> , 29, 808-815	4.6	
112	Understanding autism spectrum disorder and social functioning in children with neurofibromatosis type 1: protocol for a cross-sectional multimodal study. <i>BMJ Open</i> , <b>2019</b> , 9, e030601	3	7
111	HIV brain latency as measured by CSF Bcl11b relates to disrupted brain cellular energy in virally suppressed HIV infection. <i>Aids</i> , <b>2019</b> , 33, 433-441	3.5	7

110	Imaging correlates of the blood-brain barrier disruption in HIV-associated neurocognitive disorder and therapeutic implications. <i>Aids</i> , <b>2019</b> , 33, 1843-1852	3.5	18
109	A Novel Finger Illusion Reveals Reduced Weighting of Bimanual Hand Cortical Representations in People With Complex Regional Pain Syndrome. <i>Journal of Pain</i> , <b>2019</b> , 20, 171-180	5.2	6
108	Atrophic brain signatures of mild forms of neurocognitive impairment in virally suppressed HIV infection. <i>Aids</i> , <b>2019</b> , 33, 55-66	3.5	20
107	On the Reliability of Individual Brain Activity Networks. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 649-662	11.7	9
106	The relationship between thalamic GABA content and resting cortical rhythm in neuropathic pain. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1945-1956	5.9	18
105	Binge drinking in young people: protocol for a systematic review of neuropsychological, neurophysiological and neuroimaging studies. <i>BMJ Open</i> , <b>2018</b> , 8, e023629	3	6
104	Brain bioenergetics during resting wakefulness are related to neurobehavioral deficits in severe obstructive sleep apnea: a 31P magnetic resonance spectroscopy study. <i>Sleep</i> , <b>2018</b> , 41,	1.1	4
103	Uncoupling N-acetylaspartate from brain pathology: implications for Canavan disease gene therapy. <i>Acta Neuropathologica</i> , <b>2018</b> , 135, 95-113	14.3	24
102	P4-157: NEURAL CORRELATES OF EARLY LIFE STRESS IN A POPULATION AT HIGHER RISK FOR DEMENTIA: A PILOT STUDY IN OLDER ABORIGINAL AUSTRALIANS <b>2018</b> , 14, P1499-P1499		
101	Covertly active and progressing neurochemical abnormalities in suppressed HIV infection. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2018</b> , 5, e430	9.1	15
100	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> , <b>2017</b> , 23, 539-547	3.9	26
99	β-Hydroxybutyrate Boosts Mitochondrial and Neuronal Metabolism but is not Preferred Over Glucose Under Activated Conditions. <i>Neurochemical Research</i> , <b>2017</b> , 42, 1710-1723	4.6	17
98	Glutathione in the human brain: Review of its roles and measurement by magnetic resonance spectroscopy. <i>Analytical Biochemistry</i> , <b>2017</b> , 529, 127-143	3.1	81
97	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> , <b>2017</b> , 140, 903-918	6	13
96	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> , <b>2017</b> , 40,	1.1	14
95	β-Hydroxybutyrate in the Brain: One Molecule, Multiple Mechanisms. <i>Neurochemical Research</i> , <b>2017</b> , 42, 35-49	4.6	125
94	Toluene inhalation in adolescent rats reduces flexible behaviour in adulthood and alters glutamatergic and GABAergic signalling. <i>Journal of Neurochemistry</i> , <b>2016</b> , 139, 806-822	6	18
93	Network comparison with frequency domain persistent homology <b>2016</b> ,		1

92	Metabolomics of Neurotransmitters and Related Metabolites in Post-Mortem Tissue from the Dorsal and Ventral Striatum of Alcoholic Human Brain. <i>Neurochemical Research</i> , <b>2016</b> , 41, 385-97	4.6	15
91	Metabolomic Approaches to Defining the Role(s) of GABA <sub>A</sub> Receptors in the Brain. <i>Journal of NeuroImmune Pharmacology</i> , <b>2015</b> , 10, 445-56	6.9	6
90	Upper limb function is normal in patients with restless legs syndrome (Willis-Ekbom Disease). <i>Clinical Neurophysiology</i> , <b>2015</b> , 126, 736-42	4.3	3
89	Creatine as a booster for human brain function. How might it work?. <i>Neurochemistry International</i> , <b>2015</b> , 89, 249-59	4.4	56
88	Alterations of GABA and glutamate-glutamine levels in premenstrual dysphoric disorder: a 3T proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , <b>2015</b> , 231, 64-70	2.9	25
87	Brain activity: connectivity, sparsity, and mutual information. <i>IEEE Transactions on Medical Imaging</i> , <b>2015</b> , 34, 846-60	11.7	28
86	Brain activity: Conditional dissimilarity and persistent homology <b>2015</b> ,		26
85	Astrocytes, Metabolism, Signaling and Brain Drains: Introduction to the Special Issue in Honor of Gerald Dienel. <i>Neurochemical Research</i> , <b>2015</b> , 40, 2383-5	4.6	
84	Silent information regulator 1 modulator resveratrol increases brain lactate production and inhibits mitochondrial metabolism, whereas SIRT1720 increases oxidative metabolism. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 1147-56	4.4	17
83	Hand function is impaired in healthy older adults at risk of Parkinson's disease. <i>Journal of Neural Transmission</i> , <b>2014</b> , 121, 1377-86	4.3	3
82	A guide to the metabolic pathways and function of metabolites observed in human brain 1H magnetic resonance spectra. <i>Neurochemical Research</i> , <b>2014</b> , 39, 1-36	4.6	268
81	Thalamic activity and biochemical changes in individuals with neuropathic pain after spinal cord injury. <i>Pain</i> , <b>2014</b> , 155, 1027-1036	8	80
80	Metabolomics in neuroscience and disease <b>2014</b> , 162-180		0
79	Do maternal opioids reduce neonatal regional brain volumes? A pilot study. <i>Journal of Perinatology</i> , <b>2014</b> , 34, 909-13	3.1	47
78	Ethanol, not detectably metabolized in brain, significantly reduces brain metabolism, probably via action at specific GABA(A) receptors and has measurable metabolic effects at very low concentrations. <i>Journal of Neurochemistry</i> , <b>2014</b> , 129, 304-14	6	17
77	A Chip Off the Old Block: The Brain Slice as a Model for Metabolic Studies of Brain Compartmentation and Neuropharmacology. <i>Neuromethods</i> , <b>2014</b> , 217-241	0.4	1
76	Glutamate metabolism is impaired in transgenic mice with tau hyperphosphorylation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2013</b> , 33, 684-91	7.3	46
75	Resistance training improves cardiac output, exercise capacity and tolerance to positive airway pressure in Fontan physiology. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 780-8	3.2	109

74	Chronic pain: lost inhibition?. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 7574-82	6.6	118
73	Combining MR elastography and diffusion tensor imaging for the assessment of anisotropic mechanical properties: a phantom study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2013</b> , 37, 217-26	5.6	67
72	Anodal transcranial direct current stimulation increases brain intracellular pH and modulates bioenergetics. <i>International Journal of Neuropsychopharmacology</i> , <b>2013</b> , 16, 1695-706	5.8	28
71	Skeletal muscle abnormalities and exercise capacity in adults with a Fontan circulation. <i>Heart</i> , <b>2013</b> , 99, 1530-4	5.1	72
70	HIV, vascular and aging injuries in the brain of clinically stable HIV-infected adults: a (1)H MRS study. <i>PLoS ONE</i> , <b>2013</b> , 8, e61738	3.7	82
69	Identifying fMRI model violations with Lagrange multiplier tests. <i>IEEE Transactions on Medical Imaging</i> , <b>2012</b> , 31, 1481-92	11.7	3
68	Metabolism, compartmentation, transport and production of acetate in the cortical brain tissue slice. <i>Neurochemical Research</i> , <b>2012</b> , 37, 2541-53	4.6	56
67	Statistical total correlation spectroscopy scaling for enhancement of metabolic information recovery in biological NMR spectra. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 1083-91	7.8	20
66	Statistical integration of 1H 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> , <b>2011</b> , 10, 1737-45	5.6	26
65	Activity-dependent $\gamma$ -aminobutyric acid release controls brain cortical tissue slice metabolism. <i>Journal of Neuroscience Research</i> , <b>2011</b> , 89, 1935-45	4.4	10
64	Time-to-Onset latency in fMRI: Fast detection of delayed activation <b>2011</b> ,		1
63	$\gamma$ -Hydroxybutyrate and the GABAergic footprint: a metabolomic approach to unpicking the actions of GHB. <i>Journal of Neurochemistry</i> , <b>2010</b> , 115, 58-67	6	29
62	Bootstrap quantification of cardiac pulsation artifact in DTI. <i>NeuroImage</i> , <b>2010</b> , 49, 631-40	7.9	17
61	Corpus callosum morphology and its relationship to cognitive function in neurofibromatosis type 1. <i>Journal of Child Neurology</i> , <b>2010</b> , 25, 834-41	2.5	57
60	Pyruvate carboxylation in different model systems studied by (13)C MRS. <i>Neurochemical Research</i> , <b>2010</b> , 35, 1916-21	4.6	29
59	A metabolomic study of inhibition of GABA uptake in the cerebral cortex. <i>Metabolomics</i> , <b>2010</b> , 6, 67-77	4.7	9
58	Metabolite profiling of the intraerythrocytic malaria parasite Plasmodium falciparum by (1)H NMR spectroscopy. <i>NMR in Biomedicine</i> , <b>2009</b> , 22, 292-302	4.4	84
57	Metabolic effects of blocking lactate transport in brain cortical tissue slices using an inhibitor specific to MCT1 and MCT2. <i>Neurochemical Research</i> , <b>2009</b> , 34, 1783-91	4.6	17

56	Rottlerin inhibits (Na <sup>+</sup> , K <sup>+</sup> )-ATPase activity in brain tissue and alters D-aspartate dependent redistribution of glutamate transporter GLAST in cultured astrocytes. <i>Neurochemical Research</i> , <b>2009</b> , 34, 1767-74	4.6	8
55	Dynamic changes in brain bioenergetics during obstructive sleep apnea. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2009</b> , 29, 1421-8	7.3	26
54	Understanding your inhibitions: effects of GABA and GABAA receptor modulation on brain cortical metabolism. <i>Journal of Neurochemistry</i> , <b>2009</b> , 108, 57-71	6	13
53	Now I know my ABC. A systems neurochemistry and functional metabolomic approach to understanding the GABAergic system. <i>Journal of Neurochemistry</i> , <b>2009</b> , 109 Suppl 1, 109-16	6	17
52	RE: Magnetic resonance spectroscopy of the brain: review of metabolites and clinical applications. <i>Clinical Radiology</i> , <b>2009</b> , 64, 1042-3	2.9	3
51	Mind Meld: Collaborative Approaches to Understanding How We All Think. <i>Brain Imaging and Behavior</i> , <b>2008</b> , 2, 343-349	4.1	1
50	Modulation of brain metabolism by very low concentrations of the commonly used drug delivery vehicle dimethyl sulfoxide (DMSO). <i>Journal of Neuroscience Research</i> , <b>2008</b> , 86, 208-14	4.4	38
49	Inhibitors of glutamate transport modulate distinct patterns in brain metabolism. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 342-50	4.4	20
48	Understanding your inhibitions: modulation of brain cortical metabolism by GABA(B) receptors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2007</b> , 27, 1510-20	7.3	17
47	Alanine metabolism, transport, and cycling in the brain. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 1758-1770		36
46	Piece of mind; a full systems approach is required. <i>Behavioral and Brain Sciences</i> , <b>2007</b> , 30, 167-168	0.9	2
45	The effects of large neutral amino acid supplements in PKU: an MRS and neuropsychological study. <i>Molecular Genetics and Metabolism</i> , <b>2007</b> , 91, 48-54	3.7	88
44	Immunopathogenesis of cerebral malaria. <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 569-82	4.3	191
43	Brain metabolic markers reflect susceptibility status in cytokine gene knockout mice with murine cerebral malaria. <i>International Journal for Parasitology</i> , <b>2006</b> , 36, 1409-18	4.3	17
42	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> , <b>2006</b> , 26, 1005-17	7.3	27
41	Group I and II metabotropic glutamate receptors alter brain cortical metabolic and glutamate/glutamine cycle activity: a <sup>13</sup> C NMR spectroscopy and metabolomic study. <i>Journal of Neurochemistry</i> , <b>2005</b> , 92, 405-16	6	20
40	Metabolites from cerebrospinal fluid in aneurysmal subarachnoid haemorrhage correlate with vasospasm and clinical outcome: a pattern-recognition 1H NMR study. <i>NMR in Biomedicine</i> , <b>2005</b> , 18, 24-33	4.4	56
39	For want of a nail. ramifications of a single gene deletion, dystrophin, in the brain of the mouse. <i>Frontiers in Bioscience - Landmark</i> , <b>2004</b> , 9, 74-84	2.8	12

38	Enlarged temporal lobes in Turner syndrome: an X-chromosome effect?. <i>Cerebral Cortex</i> , <b>2004</b> , 14, 156-64	4.1	42
37	Brain gene expression, metabolism, and bioenergetics: interrelationships in murine models of cerebral and noncerebral malaria. <i>FASEB Journal</i> , <b>2004</b> , 18, 499-510	0.9	46
36	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> , <b>2004</b> , 31, 762-9	3	18
35	An investigation of neuronal integrity in severe paediatric traumatic brain injury. <i>Child Neuropsychology</i> , <b>2004</b> , 10, 248-61	2.7	18
34	Hippocampal area metabolites relate to severity and cognitive function in obstructive sleep apnea. <i>Sleep Medicine</i> , <b>2004</b> , 5, 593-6	4.6	129
33	Memory training alters hippocampal neurochemistry in healthy elderly. <i>NeuroReport</i> , <b>2003</b> , 14, 1333-1337	1.7	69
32	Memory training alters hippocampal neurochemistry in healthy elderly. <i>NeuroReport</i> , <b>2003</b> , 14, 1333-7	1.7	100
31	Creatine supplementation affects glucose homeostasis but not insulin secretion in humans. <i>Annals of Nutrition and Metabolism</i> , <b>2003</b> , 47, 11-5	4.5	13
30	Brain bioenergetics and cognitive ability. <i>Developmental Neuroscience</i> , <b>2003</b> , 25, 324-31	2.2	40
29	Inhibition of glutamine transport depletes glutamate and GABA neurotransmitter pools: further evidence for metabolic compartmentation. <i>Journal of Neurochemistry</i> , <b>2003</b> , 85, 503-14	6	127
28	Compartmentation of metabolism probed by [2-13C]alanine: improved 13C NMR sensitivity using a CryoProbe detects evidence of a glial metabolon. <i>Neurochemistry International</i> , <b>2003</b> , 42, 93-9	4.4	37
27	Oral creatine monohydrate supplementation improves brain performance: a double-blind, placebo-controlled, cross-over trial. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270, 2147-50	4.4	136
26	Cerebellar morphology in developmental dyslexia. <i>Neuropsychologia</i> , <b>2002</b> , 40, 1285-92	3.2	114
25	Effects of L-glutamate transport inhibition by a conformationally restricted glutamate analogue (2S,1R,2R)-2-(carboxycyclopropyl)glycine (L-CCG III) on metabolism in brain tissue in vitro analysed by NMR spectroscopy. <i>Neurochemical Research</i> , <b>2002</b> , 27, 27-35	4.6	19
24	Brain function in Duchenne muscular dystrophy. <i>Brain</i> , <b>2002</b> , 125, 4-13	11.2	218
23	Abnormalities in brain biochemistry associated with lack of dystrophin: studies of the mdx mouse. <i>Neuromuscular Disorders</i> , <b>2002</b> , 12, 121-9	2.9	24
22	<sup>1</sup> H NMR of compounds with low water solubility in the presence of erythrocytes: effects of emulsion phase separation. <i>European Biophysics Journal</i> , <b>2001</b> , 30, 69-74	1.9	4
21	Hypo-osmotic swelling-activated release of organic osmolytes in brain slices: implications for brain oedema in vivo. <i>Journal of Neurochemistry</i> , <b>2001</b> , 77, 1632-40	6	63

20	Metabolic profiling of genetic disorders: a multitissue (1)H nuclear magnetic resonance spectroscopic and pattern recognition study into dystrophic tissue. <i>Analytical Biochemistry</i> , <b>2001</b> , 293, 16-21	3.1	127
19	Is ischemia involved in the pathogenesis of murine cerebral malaria?. <i>American Journal of Pathology</i> , <b>2001</b> , 159, 1105-12	5.8	57
18	Dichloroacetate (DCA) reduces brain lactate but increases brain glutamine in experimental cerebral malaria: a 1H-NMR study. <i>Redox Report</i> , <b>2000</b> , 5, 141-3	5.9	5
17	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> , <b>2000</b> , 53, 373-81	3.9	44
16	Increased permeability of the malaria-infected erythrocyte to organic cations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2000</b> , 1463, 88-98	3.8	59
15	Reduced cytosolic acidification during exercise suggests defective glycolytic activity in skeletal muscle of patients with Becker muscular dystrophy. An in vivo 31P magnetic resonance spectroscopy study. <i>Brain</i> , <b>1999</b> , 122 ( Pt 1), 121-30	11.2	53
14	Delayed labelling of brain glutamate after an intra-arterial [13C]glucose bolus: evidence for aerobic metabolism of guinea pig brain glycogen store. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1999</b> , 1450, 297-307	4.9	11
13	Lactate-induced inhibition of glucose catabolism in guinea pig cortical brain slices. <i>Neurochemistry International</i> , <b>1999</b> , 35, 405-9	4.4	9
12	Metabolic abnormalities in developmental dyslexia detected by 1H magnetic resonance spectroscopy. <i>Lancet, The</i> , <b>1998</b> , 351, 1849-52	4.0	159
11	Excitatory amino acid synthesis in hypoxic brain slices: does alanine act as a substrate for glutamate production in hypoxia?. <i>Journal of Neurochemistry</i> , <b>1998</b> , 71, 2477-86	6	33
10	Brain biochemistry in Duchenne muscular dystrophy: a 1H magnetic resonance and neuropsychological study. <i>Journal of the Neurological Sciences</i> , <b>1998</b> , 160, 148-57	3.2	49
9	Brain abnormalities in Duchenne muscular dystrophy: phosphorus-31 magnetic resonance spectroscopy and neuropsychological study. <i>Lancet, The</i> , <b>1995</b> , 345, 1260-4	4.0	53
8	Stereospecificity of substrate usage by glyoxalase 1: nuclear magnetic resonance studies of kinetics and hemithioacetal substrate conformation. <i>Biochemistry</i> , <b>1994</b> , 33, 3548-59	3.2	20
7	Stability and nonreactivity of ergothioneine in human erythrocytes studied by 1H NMR. <i>Magnetic Resonance in Medicine</i> , <b>1993</b> , 29, 826-9	4.4	5
6	Comparison of the 1H and 31P 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> , <b>1993</b> , 3, 71-80		3
5	1H 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> , <b>1991</b> , 99, 575-97		7
4	Glyoxalase 2 deficiency in the erythrocytes of a horse: 1H NMR studies of enzyme kinetics and transport of S-lactoylglutathione. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 291, 291-9	4.1	22
3	Changes in hepatic glutathione metabolism in diabetes. <i>Diabetes</i> , <b>1991</b> , 40, 344-348	0.9	57



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|---|--|----|
| 2 | Kinetic analysis of the human erythrocyte glyoxalase system using $^1\text{H}$ NMR and a computer model.<br><i>FEBS Journal</i> , <b>1990</b> , 193, 83-90 | 58 |
| 1 | Fine-grained mapping of cortical somatotopies in chronic Complex Regional Pain Syndrome  | 1  |