

Perry F Renshaw

List of Publications by Year in Descending Order

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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.

341 papers	17,593 citations	77 h-index	112 g-index
344 ext. papers	19,446 ext. citations	4.4 avg, IF	6.39 L-index

#	Paper	IF	Citations
341	Differential alterations in brain structural network organization during addiction between adolescents and adults.. <i>Psychological Medicine</i> , 2022 , 1-12	6.9	
340	Association of Age, Antipsychotic Medication, and Symptom Severity in Schizophrenia With Proton Magnetic Resonance Spectroscopy Brain Glutamate Level: A Mega-analysis of Individual Participant-Level Data. <i>JAMA Psychiatry</i> , 2021 , 78, 667-681	14.5	21
339	An exploratory proton MRS examination of gamma-aminobutyric acid, glutamate, and glutamine and their relationship to affective aspects of chronic pain. <i>Neuroscience Research</i> , 2021 , 163, 10-17	2.9	3
338	Elevating the level of hypoxia inducible factor may be a new potential target for the treatment of depression. <i>Medical Hypotheses</i> , 2021 , 146, 110398	3.8	4
337	Cingulate white matter volume and associated cognitive and behavioral impulsivity in Veterans with a history of suicide behavior. <i>Journal of Affective Disorders</i> , 2021 , 281, 117-124	6.6	2
336	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders 2021 , 83-104		
335	Sex-Based Impact of Creatine Supplementation on Depressive Symptoms, Brain Serotonin and SSRI Efficacy in an Animal Model of Treatment-Resistant Depression. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
334	Effect of moderate altitude on human cerebral metabolite levels: A preliminary, multi-site, proton magnetic resonance spectroscopy investigation. <i>Psychiatry Research - Neuroimaging</i> , 2021 , 314, 111314	2.9	2
333	Effects of cytidine-5'diphosphate choline on gray matter volumes in methamphetamine-dependent patients: A randomized, double-blind, placebo-controlled study. <i>Journal of Psychiatric Research</i> , 2021 , 143, 215-221	5.2	0
332	Increased myoinositol in the anterior cingulate cortex of veterans with a history of traumatic brain injury: a proton magnetic resonance spectroscopy study. <i>Journal of Neurophysiology</i> , 2020 , 123, 1619-1629	3.2	2
331	Supplementation with a putative calorie restriction mimetic micronutrient blend increases glutathione concentrations and improves neuroenergetics in brain of healthy middle-aged men and women. <i>Free Radical Biology and Medicine</i> , 2020 , 153, 112-121	7.8	1
330	Dietary creatine intake and depression risk among U.S. adults. <i>Translational Psychiatry</i> , 2020 , 10, 52	8.6	24
329	Intraindividual changes in brain GABA, glutamate, and glutamine during monitored abstinence from alcohol in treatment-naïve individuals with alcohol use disorder. <i>Addiction Biology</i> , 2020 , 25, e12810	4.6	9
328	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020 , 11, 549928	5.7	9
327	Creatine for the Treatment of Depression. <i>Biomolecules</i> , 2019 , 9,	5.9	22
326	Cerebral bioenergetic differences measured by phosphorus-31 magnetic resonance spectroscopy between bipolar disorder and healthy subjects living in two different regions suggesting possible effects of altitude. <i>Psychiatry and Clinical Neurosciences</i> , 2019 , 73, 581-589	6.2	6
325	Evidence for a unique association between fronto-cortical glycine levels and recent heavy drinking in treatment naïve individuals with alcohol use disorder. <i>Neuroscience Letters</i> , 2019 , 706, 207-210	3.3	3

324	Effect of Altitude on Veteran Suicide Rates. <i>High Altitude Medicine and Biology</i> , 2019 , 20, 171-177	1.9	8
323	Reduced gamma-amino butyric acid (GABA) and glutamine in the anterior cingulate cortex (ACC) of veterans exposed to trauma. <i>Journal of Affective Disorders</i> , 2019 , 248, 166-174	6.6	15
322	Association between altitude, prescription opioid misuse, and fatal overdoses. <i>Addictive Behaviors Reports</i> , 2019 , 9, 100167	3.7	2
321	Reduced lateral orbitofrontal cortex volume and suicide behavior in youth with bipolar disorder. <i>Bipolar Disorders</i> , 2019 , 21, 321-329	3.8	15
320	Brain Glutamate, GABA, and Glutamine Levels and Associations with Recent Drinking in Treatment-Naïve Individuals with Alcohol Use Disorder Versus Light Drinkers. <i>Alcoholism: Clinical and Experimental Research</i> , 2019 , 43, 221-226	3.7	11
319	Association Between Altitude and Regional Variation of ADHD in Youth. <i>Journal of Attention Disorders</i> , 2018 , 22, 1299-1306	3.7	12
318	Living High and Feeling Low: Altitude, Suicide, and Depression. <i>Harvard Review of Psychiatry</i> , 2018 , 26, 43-56	4.1	36
317	Increased Anxiety and Anhedonia in Female Rats Following Exposure to Altitude. <i>High Altitude Medicine and Biology</i> , 2018 , 19, 81-90	1.9	14
316	Alterations in anterior cingulate cortex myoinositol and aggression in veterans with suicidal behavior: A proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 276, 24-32	2.9	5
315	Brain choline in major depression: A review of the literature. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 271, 142-153	2.9	19
314	Metabolic alterations in the anterior cingulate cortex and related cognitive deficits in late adolescent methamphetamine users. <i>Addiction Biology</i> , 2018 , 23, 327-336	4.6	19
313	The Correlation Between Cognitive and Movement Shifting and Brain Activity in Children With ADHD. <i>Journal of Attention Disorders</i> , 2018 , 22, 661-670	3.7	2
312	In Vivo Detection of CPP-115 Target Engagement in Human Brain. <i>Neuropsychopharmacology</i> , 2018 , 43, 646-654	8.7	4
311	Prefronto-temporal white matter microstructural alterations 20 years after the diagnosis of type 1 diabetes mellitus. <i>Pediatric Diabetes</i> , 2018 , 19, 478-485	3.6	6
310	Hypobaric hypoxia exposure in rats differentially alters antidepressant efficacy of the selective serotonin reuptake inhibitors fluoxetine, paroxetine, escitalopram and sertraline. <i>Pharmacology Biochemistry and Behavior</i> , 2018 , 170, 25-35	3.9	17
309	Altered Cortical GABA in Female Veterans with Suicidal Behavior: Sex Differences and Clinical Correlates. <i>Chronic Stress</i> , 2018 , 2,	3	4
308	Relationship of executive functioning deficits to N-acetyl aspartate (NAA) and gamma-aminobutyric acid (GABA) in youth with bipolar disorder. <i>Journal of Affective Disorders</i> , 2018 , 225, 71-78	6.6	13
307	A cohort study of patients seeking Internet gaming disorder treatment. <i>Journal of Behavioral Addictions</i> , 2018 , 7, 930-938	6.3	30

306	Two-Dimensional Proton Magnetic Resonance Spectroscopy versus J-Editing for GABA Quantification in Human Brain: Insights from a GABA-Aminotransferase Inhibitor Study. <i>Scientific Reports</i> , 2018 , 8, 13200	4.9	3
305	Increased risk of diseases of the basal ganglia and cerebellum in patients with a history of attention-deficit/hyperactivity disorder. <i>Neuropsychopharmacology</i> , 2018 , 43, 2548-2555	8.7	25
304	Comparison of brain connectivity between Internet gambling disorder and Internet gaming disorder: A preliminary study. <i>Journal of Behavioral Addictions</i> , 2017 , 6, 505-515	6.3	16
303	Brain connectivity and psychiatric comorbidity in adolescents with Internet gaming disorder. <i>Addiction Biology</i> , 2017 , 22, 802-812	4.6	48
302	Tissue Type-Specific Bioenergetic Abnormalities in Adults with Major Depression. <i>Neuropsychopharmacology</i> , 2017 , 42, 876-885	8.7	45
301	Functional Brain Changes in Response to Treatment of Internet Gaming Disorder. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017 , 93-108	1.8	
300	White matter connectivity and Internet gaming disorder. <i>Addiction Biology</i> , 2016 , 21, 732-42	4.6	17
299	Internet Gaming Disorder 2016 , 955-961		1
298	Neurochemical correlates of internet game play in adolescents with attention deficit hyperactivity disorder: A proton magnetic resonance spectroscopy (MRS) study. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 254, 10-7	2.9	14
297	Associations Between Recent Heavy Drinking and Dorsal Anterior Cingulate N-Acetylaspartate and Glutamate Concentrations in Non-Treatment-Seeking Individuals with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 491-6	3.7	22
296	Effects of Creatine Monohydrate Augmentation on Brain Metabolic and Network Outcome Measures in Women With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2016 , 80, 439-447	7.9	44
295	A failure of suppression within the default mode network in depressed adolescents with compulsive internet game play. <i>Journal of Affective Disorders</i> , 2016 , 194, 57-64	6.6	17
294	Creatine target engagement with brain bioenergetics: a dose-ranging phosphorus-31 magnetic resonance spectroscopy study of adolescent females with SSRI-resistant depression. <i>Amino Acids</i> , 2016 , 48, 1941-54	3.5	36
293	A prosocial online game for social cognition training in adolescents with high-functioning autism: an fMRI study. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 651-60	3.1	7
292	Phosphorus Spectroscopy (³¹ P MRS) of the Brain in Psychiatric Disorders 2016 , 1257-1270		2
291	fMRI in Psychiatric Disorders. <i>Neuromethods</i> , 2016 , 657-697	0.4	
290	Functional Connectivity of Insula, Basal Ganglia, and Prefrontal Executive Control Networks during Hypoglycemia in Type 1 Diabetes. <i>Journal of Neuroscience</i> , 2015 , 35, 11012-23	6.6	32
289	Risk factors associated with online game addiction: A hierarchical model. <i>Computers in Human Behavior</i> , 2015 , 48, 706-713	7.7	103

288	A review of treatment options for co-occurring methamphetamine use disorders and depression. <i>Journal of Addictions Nursing</i> , 2015 , 26, 14-23; quiz E1	0.7	25
287	Acute air pollution exposure and risk of suicide completion. <i>American Journal of Epidemiology</i> , 2015 , 181, 295-303	3.8	143
286	Hypobaric hypoxia induces depression-like behavior in female Sprague-Dawley rats, but not in males. <i>High Altitude Medicine and Biology</i> , 2015 , 16, 52-60	1.9	24
285	Creatine as a Novel Treatment for Depression in Females Using Methamphetamine: A Pilot Study. <i>Journal of Dual Diagnosis</i> , 2015 , 11, 189-202	2.4	25
284	The Utility of Magnetic Resonance Spectroscopy for Understanding Substance Use Disorders: A Systematic Review of the Literature. <i>Journal of the American Psychiatric Nurses Association</i> , 2015 , 21, 244-75	1.8	17
283	Gender differences in the effect of tobacco use on brain phosphocreatine levels in methamphetamine-dependent subjects. <i>American Journal of Drug and Alcohol Abuse</i> , 2015 , 41, 281-9	3.7	5
282	Differences in functional connectivity between alcohol dependence and internet gaming disorder. <i>Addictive Behaviors</i> , 2015 , 41, 12-9	4.2	36
281	Decreased brain PME/PDE ratio in bipolar disorder: a preliminary (31) P magnetic resonance spectroscopy study. <i>Bipolar Disorders</i> , 2015 , 17, 743-52	3.8	42
280	Bakian et al. respond to "Assessing air pollution and suicide risk". <i>American Journal of Epidemiology</i> , 2015 , 181, 309-10	3.8	3
279	Functional Brain Changes in Response to Treatment of Internet Gaming Disorder. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2015 , 77-91	1.8	41
278	Aerobic exercise and attention deficit hyperactivity disorder: brain research. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 33-9	1.2	53
277	Effect of altitude on brain intracellular pH and inorganic phosphate levels. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 222, 149-56	2.9	18
276	Neurochemical alterations in frontal cortex of the rat after one week of hypobaric hypoxia. <i>Behavioural Brain Research</i> , 2014 , 263, 203-9	3.4	23
275	Tissue-specific differences in brain phosphodiesterases in late-life major depression. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 499-509	6.5	14
274	Proton magnetic resonance spectroscopy (MRS) in on-line game addiction. <i>Journal of Psychiatric Research</i> , 2014 , 58, 63-8	5.2	21
273	Anterior cingulate cortex choline levels in female adolescents with unipolar versus bipolar depression: a potential new tool for diagnosis. <i>Journal of Affective Disorders</i> , 2014 , 167, 25-9	6.6	11
272	Gray matter-specific changes in brain bioenergetics after acute sleep deprivation: a 31P magnetic resonance spectroscopy study at 4 Tesla. <i>Sleep</i> , 2014 , 37, 1919-27	1.1	12
271	Wnts enhance neurotrophin-induced neuronal differentiation in adult bone-marrow-derived mesenchymal stem cells via canonical and noncanonical signaling pathways. <i>PLoS ONE</i> , 2014 , 9, e104937	3.7	23

270	Relationship between altitude and lithium in groundwater in the United States of America: results of a 1992-2003 study. <i>Geospatial Health</i> , 2014 , 9, 231-5	2.2	13
269	In vivo T(2) relaxation time measurement with echo-time averaging. <i>NMR in Biomedicine</i> , 2014 , 27, 863-9	4.4	5
268	Altitude is a risk factor for completed suicide in bipolar disorder. <i>Medical Hypotheses</i> , 2014 , 82, 377-81	3.8	21
267	Brain activity of adolescents with high functioning autism in response to emotional words and facial emoticons. <i>PLoS ONE</i> , 2014 , 9, e91214	3.7	12
266	Altitude may contribute to regional variation in methamphetamine use in the United States: a population database study. <i>Psychiatry Investigation</i> , 2014 , 11, 430-6	3.1	9
265	Time-dependent effects of haloperidol on glutamine and GABA homeostasis and astrocyte activity in the rat brain. <i>Psychopharmacology</i> , 2013 , 230, 57-67	4.7	10
264	Substance abuse precedes Internet addiction. <i>Addictive Behaviors</i> , 2013 , 38, 2022-5	4.2	112
263	Factors influencing behavior in the forced swim test. <i>Physiology and Behavior</i> , 2013 , 118, 227-39	3.5	223
262	Decreased frontal lobe phosphocreatine levels in methamphetamine users. <i>Drug and Alcohol Dependence</i> , 2013 , 129, 102-9	4.9	27
261	Posterior cerebellar vermal deficits in bipolar disorder. <i>Journal of Affective Disorders</i> , 2013 , 150, 499-506	6.6	42
260	Morphometric abnormalities of the lateral ventricles in methamphetamine-dependent subjects. <i>Drug and Alcohol Dependence</i> , 2013 , 131, 222-9	4.9	5
259	T2 relaxation effects on apparent N-acetylaspartate concentration in proton magnetic resonance studies of schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 213, 142-53	2.9	10
258	Decreased frontal N-acetylaspartate levels in adolescents concurrently using both methamphetamine and marijuana. <i>Behavioural Brain Research</i> , 2013 , 246, 154-61	3.4	37
257	γ-Amino butyric acid and glutamate abnormalities in adolescent chronic marijuana smokers. <i>Drug and Alcohol Dependence</i> , 2013 , 129, 232-9	4.9	59
256	Application of Magnetic Resonance Spectroscopic Imaging to Addiction Research	2013 , 707-750	2
255	Brain gamma-aminobutyric acid (GABA) abnormalities in bipolar disorder. <i>Bipolar Disorders</i> , 2013 , 15, 434-9	3.8	67
254	Quantification of brain voriconazole levels in healthy adults using fluorine magnetic resonance spectroscopy. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5271-6	5.9	14
253	A placebo-controlled trial of acetyl-L-carnitine and lipoic acid in the treatment of bipolar depression. <i>Journal of Clinical Psychopharmacology</i> , 2013 , 33, 627-35	1.7	56

252	Two-dimensional J-resolved proton MR spectroscopy and prior knowledge fitting (ProFit) in the frontal and parietal lobes of healthy volunteers: assessment of metabolite discrimination and general reproducibility. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 642-51	5.6	26
251	Adjunctive aripiprazole therapy with escitalopram in patients with co-morbid major depressive disorder and alcohol dependence: clinical and neuroimaging evidence. <i>Journal of Psychopharmacology</i> , 2013 , 27, 282-91	4.6	24
250	Energetic and cell membrane metabolic products in patients with primary insomnia: a 31-phosphorus magnetic resonance spectroscopy study at 4 tesla. <i>Sleep</i> , 2013 , 36, 493-500	1.1	21
249	Increased Rostral Anterior Cingulate Cortex Volume in Chronic Primary Insomnia. <i>Sleep</i> , 2013 , 36, 991-998	1.1	82
248	Network-level structural abnormalities of cerebral cortex in type 1 diabetes mellitus. <i>PLoS ONE</i> , 2013 , 8, e71304	3.7	16
247	Enlarged cavum septum pellucidum as a neurodevelopmental marker in adolescent-onset opiate dependence. <i>PLoS ONE</i> , 2013 , 8, e78590	3.7	14
246	Effects of sleep deprivation on brain bioenergetics, sleep, and cognitive performance in cocaine-dependent individuals. <i>Scientific World Journal, The</i> , 2013 , 2013, 947879	2.2	11
245	Bioenergetic measurements in children with bipolar disorder: a pilot 31P magnetic resonance spectroscopy study. <i>PLoS ONE</i> , 2013 , 8, e54536	3.7	38
244	Differential regional gray matter volumes in patients with on-line game addiction and professional gamers. <i>Journal of Psychiatric Research</i> , 2012 , 46, 507-15	5.2	118
243	Sex-specific antidepressant effects of dietary creatine with and without sub-acute fluoxetine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 101, 588-601	3.9	36
242	The effect of family therapy on the changes in the severity of on-line game play and brain activity in adolescents with on-line game addiction. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 202, 126-31	2.9	87
241	Frontal lobe bioenergetic metabolism in depressed adolescents with bipolar disorder: a phosphorus-31 magnetic resonance spectroscopy study. <i>Bipolar Disorders</i> , 2012 , 14, 607-17	3.8	24
240	Phase-adjusted echo time (PATE)-averaging 1 H MRS: application for improved glutamine quantification at 2.89 T. <i>NMR in Biomedicine</i> , 2012 , 25, 1245-52	4.4	17
239	Combined cognitive behavioral therapy and bupropion for the treatment of problematic on-line game play in adolescents with major depressive disorder. <i>Computers in Human Behavior</i> , 2012 , 28, 1954-1959	7.7	99
238	Water and metabolite transverse T2 relaxation time abnormalities in the white matter in schizophrenia. <i>Schizophrenia Research</i> , 2012 , 137, 241-5	3.6	20
237	Coenzyme Q10 effects on creatine kinase activity and mood in geriatric bipolar depression. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2012 , 25, 43-50	3.8	41
236	Cocaine use in the past year is associated with altitude of residence. <i>Journal of Addiction Medicine</i> , 2012 , 6, 166-71	3.8	15
235	A randomized, double-blind placebo-controlled trial of oral creatine monohydrate augmentation for enhanced response to a selective serotonin reuptake inhibitor in women with major depressive disorder. <i>American Journal of Psychiatry</i> , 2012 , 169, 937-945	11.9	78

234	Bupropion in the treatment of problematic online game play in patients with major depressive disorder. <i>Journal of Psychopharmacology</i> , 2012 , 26, 689-96	4.6	109
233	Prefrontal cortical deficits in type 1 diabetes mellitus: brain correlates of comorbid depression. <i>Archives of General Psychiatry</i> , 2012 , 69, 1267-76		24
232	Changes in brain activity in response to problem solving during the abstinence from online game play. <i>Journal of Behavioral Addictions</i> , 2012 , 1, 41-9	6.3	19
231	Relationship between genetic variation in the glutaminase gene GLS1 and brain glutamine/glutamate ratio measured in vivo. <i>Biological Psychiatry</i> , 2011 , 70, 169-74	7.9	20
230	Neurochemical alterations in adolescent chronic marijuana smokers: a proton MRS study. <i>NeuroImage</i> , 2011 , 57, 69-75	7.9	69
229	Brain activity and desire for Internet video game play. <i>Comprehensive Psychiatry</i> , 2011 , 52, 88-95	7.3	110
228	Amygdalar shape analysis method using surface contour aligning, spherical mapping, and probabilistic subregional segmentation. <i>Neuroscience Letters</i> , 2011 , 488, 65-9	3.3	9
227	Anterior cingulate proton spectroscopy glutamate levels differ as a function of smoking cessation outcome. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 1709-13	5.5	20
226	Effects of daily treatment with citicoline: a double-blind, placebo-controlled study in cocaine-dependent volunteers. <i>Journal of Addiction Medicine</i> , 2011 , 5, 57-64	3.8	11
225	Bupropion sustained release treatment decreases craving for video games and cue-induced brain activity in patients with internet video game addiction.. <i>Psychology of Popular Media Culture</i> , 2011 , 1, 108-117	6	13
224	Incidence of major depressive episode correlates with elevation of substate region of residence. <i>Journal of Affective Disorders</i> , 2011 , 129, 376-9	6.6	40
223	Open-label adjunctive creatine for female adolescents with SSRI-resistant major depressive disorder: a 31-phosphorus magnetic resonance spectroscopy study. <i>Journal of Affective Disorders</i> , 2011 , 135, 354-61	6.6	81
222	Brain metabolite concentrations across cortical regions in healthy adults. <i>Brain Research</i> , 2011 , 1369, 89-94	3.7	11
221	Brains on video games. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 763-8	13.5	182
220	Chronic cocaine exposure induces putamen glutamate and glutamine metabolite abnormalities in squirrel monkeys. <i>Psychopharmacology</i> , 2011 , 217, 367-75	4.7	12
219	Measurement of creatine kinase reaction rate in human brain using magnetization transfer image-selected in vivo spectroscopy (MT-ISIS) and a volume $^1\text{H}/^1\text{H}$ radiofrequency coil in a clinical 3-T MRI system. <i>NMR in Biomedicine</i> , 2011 , 24, 765-70	4.4	16
218	Accuracy and stability of measuring GABA, glutamate, and glutamine by proton magnetic resonance spectroscopy: a phantom study at 4 Tesla. <i>Journal of Magnetic Resonance</i> , 2011 , 208, 210-8	3	52
217	Altitude, gun ownership, rural areas, and suicide. <i>American Journal of Psychiatry</i> , 2011 , 168, 49-54	11.9	85

216	Open-label uridine for treatment of depressed adolescents with bipolar disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2011 , 21, 171-5	2.9	12
215	Review: magnetic resonance spectroscopy studies of pediatric major depressive disorder. <i>Depression Research and Treatment</i> , 2011 , 2011, 650450	3.8	34
214	Brain activation during working memory is altered in patients with type 1 diabetes during hypoglycemia. <i>Diabetes</i> , 2011 , 60, 3256-64	0.9	43
213	Neurochemistry of drug action: insights from proton magnetic resonance spectroscopic imaging and their relevance to addiction. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1187, 148-71	6.5	95
212	Short-term administration of uridine increases brain membrane phospholipid precursors in healthy adults: a 31-phosphorus magnetic resonance spectroscopy study at 4T. <i>Bipolar Disorders</i> , 2010 , 12, 825-33	3.8	8
211	Neurochemical alterations in methamphetamine-dependent patients treated with cytidine-5-diphosphate choline: a longitudinal proton magnetic resonance spectroscopy study. <i>Neuropsychopharmacology</i> , 2010 , 35, 1165-73	8.7	21
210	Bupropion sustained release treatment decreases craving for video games and cue-induced brain activity in patients with Internet video game addiction. <i>Experimental and Clinical Psychopharmacology</i> , 2010 , 18, 297-304	3.2	207
209	Chronic creatine supplementation alters depression-like behavior in rodents in a sex-dependent manner. <i>Neuropsychopharmacology</i> , 2010 , 35, 534-46	8.7	66
208	Rapid enhancement of glutamatergic neurotransmission in bipolar depression following treatment with riluzole. <i>Neuropsychopharmacology</i> , 2010 , 35, 834-46	8.7	138
207	Update on the use of MR for assessment and diagnosis of psychiatric diseases. <i>Radiology</i> , 2010 , 255, 23-41	20.5	73
206	Laterobasal amygdalar enlargement in 6- to 7-year-old children with autism spectrum disorder. <i>Archives of General Psychiatry</i> , 2010 , 67, 1187-97		65
205	Lithium-induced gray matter volume increase as a neural correlate of treatment response in bipolar disorder: a longitudinal brain imaging study. <i>Neuropsychopharmacology</i> , 2010 , 35, 1743-50	8.7	178
204	Elevated gamma-aminobutyric acid levels in chronic schizophrenia. <i>Biological Psychiatry</i> , 2010 , 68, 667-70	7.9	104
203	Effects of sleep deprivation on sleep homeostasis and restoration during methadone-maintenance: a [31]P MRS brain imaging study. <i>Drug and Alcohol Dependence</i> , 2010 , 106, 79-91	4.9	22
202	Lack of hippocampal volume differences in primary insomnia and good sleeper controls: an MRI volumetric study at 3 Tesla. <i>Sleep Medicine</i> , 2010 , 11, 576-82	4.6	80
201	Effects of yoga versus walking on mood, anxiety, and brain GABA levels: a randomized controlled MRS study. <i>Journal of Alternative and Complementary Medicine</i> , 2010 , 16, 1145-52	2.4	242
200	Changes in cue-induced, prefrontal cortex activity with video-game play. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2010 , 13, 655-61	4.4	127
199	Citicoline affects appetite and cortico-limbic responses to images of high-calorie foods. <i>International Journal of Eating Disorders</i> , 2010 , 43, 6-13	6.3	12

198	Functional Magnetic Resonance Imaging, Diffusion Tensor Imaging, and Magnetic Resonance Spectroscopy in Bipolar Disorder 2010 , 133-199		2
197	In vivo proton magnetic resonance spectroscopic examination of benzodiazepine action in humans. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 184, 162-70	2.9	8
196	The acute and late CNS glutamine response to benzodiazepine challenge: a pilot pharmacokinetic study using proton magnetic resonance spectroscopy. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 184, 171-6	2.9	10
195	Age-related changes in brain energetics and phospholipid metabolism. <i>NMR in Biomedicine</i> , 2010 , 23, 242-50	4.4	58
194	T2 relaxation time abnormalities in bipolar disorder and schizophrenia. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1-8	4.4	47
193	Chemical Imaging: Magnetic Resonance Spectroscopy: The Basics 2010 , 121-133		
192	Altered prefrontal glutamate-glutamine-gamma-aminobutyric acid levels and relation to low cognitive performance and depressive symptoms in type 1 diabetes mellitus. <i>Archives of General Psychiatry</i> , 2009 , 66, 878-87		71
191	Decreased glutamate/glutamine levels may mediate cytidineQ efficacy in treating bipolar depression: a longitudinal proton magnetic resonance spectroscopy study. <i>Neuropsychopharmacology</i> , 2009 , 34, 1810-8	8.7	53
190	Lovastatin potentiates the antidepressant efficacy of fluoxetine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 88-92	3.9	22
189	Creatine abnormalities in schizophrenia and bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 172, 44-8	2.9	125
188	Oral glycine administration increases brain glycine/creatine ratios in men: a proton magnetic resonance spectroscopy study. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 173, 143-9	2.9	22
187	³¹ Phosphorus magnetic resonance spectroscopy study of tissue specific changes in high energy phosphates before and after sertraline treatment of geriatric depression. <i>International Journal of Geriatric Psychiatry</i> , 2009 , 24, 788-97	3.9	53
186	Quantification of J-resolved proton spectra in two-dimensions with LCModel using GAMMA-simulated basis sets at 4 Tesla. <i>NMR in Biomedicine</i> , 2009 , 22, 762-9	4.4	63
185	A therapeutic dose of zolpidem reduces thalamic GABA in healthy volunteers: a proton MRS study at 4 T. <i>Psychopharmacology</i> , 2009 , 203, 819-29	4.7	28
184	The effect of methylphenidate on Internet video game play in children with attention-deficit/hyperactivity disorder. <i>Comprehensive Psychiatry</i> , 2009 , 50, 251-6	7.3	220
183	Brain GABA levels in patients with bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 427-34	5.5	56
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2	In vivo nuclear magnetic resonance imaging of lithium. <i>Magnetic Resonance in Medicine</i> , 1985 , 2, 512-6	4.4	35
1	Anatomical and Neurochemical Evidence of Neurotoxic Changes in Psychostimulant Abuse and Dependence	235-259	

