

Dieter J Meyerhoff

List of Publications by Citations

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154
papers

6,468
citations

46
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73
g-index

161
ext. papers

7,209
ext. citations

4.3
avg, IF

5.77
L-index

#	Paper	IF	Citations
154	Clinical proton MR spectroscopy in central nervous system disorders. <i>Radiology</i> , 2014 , 270, 658-79	20.5	381
153	Deformation-based morphometry of brain changes in alcohol dependence and abstinence. <i>NeuroImage</i> , 2007 , 34, 879-87	7.9	198
152	Cortical thickness, surface area, and volume of the brain reward system in alcohol dependence: relationships to relapse and extended abstinence. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1187-200	3.7	182
151	Prefrontal cortical volume reduction associated with frontal cortex function deficit in 6-week abstinent crack-cocaine dependent men. <i>Drug and Alcohol Dependence</i> , 2002 , 68, 87-93	4.9	179
150	Chronic cigarette smoking: implications for neurocognition and brain neurobiology. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 3760-91	4.6	145
149	Body mass index and magnetic resonance markers of brain integrity in adults. <i>Annals of Neurology</i> , 2008 , 63, 652-7	9.4	143
148	Methodological consensus on clinical proton MRS of the brain: Review and recommendations. <i>Magnetic Resonance in Medicine</i> , 2019 , 82, 527-550	4.4	134
147	Cigarette smoking exacerbates chronic alcohol-induced brain damage: a preliminary metabolite imaging study. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1849-60	3.7	131
146	Quantitative brain MRI in alcohol dependence: preliminary evidence for effects of concurrent chronic cigarette smoking on regional brain volumes. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1484-95	3.7	125
145	Cerebrospinal fluid and neuroimaging biomarker abnormalities suggest early neurological injury in a subset of individuals during primary HIV infection. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1703-12	7	120
144	Evidence for ongoing brain injury in human immunodeficiency virus-positive patients treated with antiretroviral therapy. <i>Journal of NeuroVirology</i> , 2009 , 15, 324-33	3.9	106
143	Hippocampal volume differences in Gulf War veterans with current versus lifetime posttraumatic stress disorder symptoms. <i>Biological Psychiatry</i> , 2011 , 69, 541-8	7.9	100
142	Tract-Based Spatial Statistics (TBSS) of diffusion tensor imaging data in alcohol dependence: abnormalities of the motivational neurocircuitry. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 173, 22-30	2.9	96
141	Effects of low-level exposure to sarin and cyclosarin during the 1991 Gulf War on brain function and brain structure in US veterans. <i>NeuroToxicology</i> , 2010 , 31, 493-501	4.4	92
140	Glutamate, GABA, and other cortical metabolite concentrations during early abstinence from alcohol and their associations with neurocognitive changes. <i>Drug and Alcohol Dependence</i> , 2012 , 125, 27-36	4.9	91
139	Temporal dynamics and determinants of whole brain tissue volume changes during recovery from alcohol dependence. <i>Drug and Alcohol Dependence</i> , 2005 , 78, 263-73	4.9	91
138	Effects of Abstinence on the Brain: Quantitative Magnetic Resonance Imaging and Magnetic Resonance Spectroscopic Imaging in Chronic Alcohol Abuse. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 1673-1682	3.7	91

137	Chronic active heavy drinking and family history of problem drinking modulate regional brain tissue volumes. <i>Psychiatry Research - Neuroimaging</i> , 2005 , 138, 115-30	2.9	87
136	Cortical gamma-aminobutyric acid and glutamate in posttraumatic stress disorder and their relationships to self-reported sleep quality. <i>Sleep</i> , 2014 , 37, 893-900	1.1	84
135	The neurobiological and neurocognitive consequences of chronic cigarette smoking in alcohol use disorders. <i>Alcohol and Alcoholism</i> , 2007 , 42, 174-85	3.5	84
134	A multi-center 1H MRS study of the AIDS dementia complex: validation and preliminary analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 17, 625-33	5.6	81
133	31phosphorus magnetic resonance spectroscopy of the frontal and parietal lobes in chronic schizophrenia. <i>Biological Psychiatry</i> , 1994 , 36, 503-10	7.9	81
132	Heavy alcohol consumption in individuals with HIV infection: effects on neuropsychological performance. <i>Journal of the International Neuropsychological Society</i> , 2005 , 11, 70-83	3.1	78
131	Brain morphology at entry into treatment for alcohol dependence is related to relapse propensity. <i>Biological Psychiatry</i> , 2011 , 70, 561-7	7.9	76
130	Regional patterns of brain metabolites in AIDS dementia complex. <i>NeuroImage</i> , 2004 , 23, 928-35	7.9	76
129	A comprehensive assessment of neurocognition in middle-aged chronic cigarette smokers. <i>Drug and Alcohol Dependence</i> , 2012 , 122, 105-11	4.9	74
128	Cerebral white matter recovery in abstinent alcoholics--a multimodality magnetic resonance study. <i>Brain</i> , 2010 , 133, 1043-53	11.2	74
127	Neurobiological and neurocognitive effects of chronic cigarette smoking and alcoholism. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 4079-100	2.8	71
126	Proton MRS and neuropsychological correlates in AIDS dementia complex: evidence of subcortical specificity. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007 , 19, 283-92	2.7	66
125	Brain atrophy and cognitive function in older abstinent alcoholic men. <i>Alcoholism: Clinical and Experimental Research</i> , 1995 , 19, 1121-6	3.7	65
124	Synthesis, spectroscopic, and structural studies of extremely short chain basket handle porphyrins and their zinc(II) complexes. <i>Journal of the American Chemical Society</i> , 1987 , 109, 2659-2668	16.4	65
123	Brain metabolite concentrations and neurocognition during short-term recovery from alcohol dependence: Preliminary evidence of the effects of concurrent chronic cigarette smoking. <i>Alcoholism: Clinical and Experimental Research</i> , 2006 , 30, 539-51	3.7	64
122	Non-treatment-seeking heavy drinkers: effects of chronic cigarette smoking on brain structure. <i>Drug and Alcohol Dependence</i> , 2007 , 87, 76-82	4.9	62
121	Combined neuroimaging, neurocognitive and psychiatric factors to predict alcohol consumption following treatment for alcohol dependence. <i>Alcohol and Alcoholism</i> , 2008 , 43, 683-91	3.5	61
120	N-acetylaspartate reductions measured by 1H MRSI in cognitively impaired HIV-seropositive individuals. <i>Magnetic Resonance Imaging</i> , 1994 , 12, 653-9	3.3	60

119	Cerebral metabolite changes prior to and after antiretroviral therapy in primary HIV infection. <i>Neurology</i> , 2014 , 83, 1592-600	6.5	57
118	Chronic cigarette smoking in alcohol dependence: associations with cortical thickness and N-acetylaspartate levels in the extended brain reward system. <i>Addiction Biology</i> , 2013 , 18, 379-91	4.6	57
117	Chronic cigarette smoking modulates injury and short-term recovery of the medial temporal lobe in alcoholics. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 162, 133-45	2.9	57
116	BMI and neuronal integrity in healthy, cognitively normal elderly: a proton magnetic resonance spectroscopy study. <i>Obesity</i> , 2010 , 18, 743-8	8	54
115	Chronic Cigarette Smoking in Healthy Middle-Aged Individuals Is Associated With Decreased Regional Brain N-acetylaspartate and Glutamate Levels. <i>Biological Psychiatry</i> , 2016 , 79, 481-8	7.9	53
114	Effects of chronic alcohol abuse and HIV infection on brain phosphorus metabolites. <i>Alcoholism: Clinical and Experimental Research</i> , 1995 , 19, 685-92	3.7	49
113	Brain atrophy in HIV infection is more strongly associated with CDC clinical stage than with cognitive impairment. <i>Journal of the International Neuropsychological Society</i> , 1997 , 3, 276-287	3.1	48
112	A comparison of neurocognitive function in nonsmoking and chronically smoking short-term abstinent alcoholics. <i>Alcohol</i> , 2006 , 39, 1-11	2.7	47
111	Non-invasive quantitation of human liver metabolites using image-guided 31P magnetic resonance spectroscopy. <i>NMR in Biomedicine</i> , 1990 , 3, 17-22	4.4	47
110	N-acetylaspartate as a marker of neuronal injury in neurodegenerative disease. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 576, 241-62; discussion 361-3	3.6	47
109	Cerebral white matter integrity during primary HIV infection. <i>Aids</i> , 2015 , 29, 433-42	3.5	46
108	Polysubstance and alcohol dependence: unique abnormalities of magnetic resonance-derived brain metabolite levels. <i>Drug and Alcohol Dependence</i> , 2013 , 130, 30-7	4.9	45
107	Interactive effects of chronic cigarette smoking and age on brain volumes in controls and alcohol-dependent individuals in early abstinence. <i>Addiction Biology</i> , 2014 , 19, 132-43	4.6	45
106	Longitudinal Trajectories of Brain Volume and Cortical Thickness in Treated and Untreated Primary Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1697-1704	11.6	44
105	Serial longitudinal magnetic resonance imaging data indicate non-linear regional gray matter volume recovery in abstinent alcohol-dependent individuals. <i>Addiction Biology</i> , 2015 , 20, 956-67	4.6	44
104	Chronic cigarette smoking and heavy drinking in human immunodeficiency virus: consequences for neurocognition and brain morphology. <i>Alcohol</i> , 2007 , 41, 489-501	2.7	44
103	Interactive effects of chronic cigarette smoking and age on hippocampal volumes. <i>Drug and Alcohol Dependence</i> , 2013 , 133, 704-11	4.9	43
102	How acute and chronic alcohol consumption affects brain networks: insights from multimodal neuroimaging. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 2017-27	3.7	42

101	MRSI and DTI: a multimodal approach for improved detection of white matter abnormalities in alcohol and nicotine dependence. <i>NMR in Biomedicine</i> , 2009 , 22, 516-22	4.4	42
100	Metabolic response of the human heart to inotropic stimulation: in vivo phosphorus-31 studies of normal and cardiomyopathic myocardium. <i>Magnetic Resonance in Medicine</i> , 1992 , 25, 260-72	4.4	42
99	Chronic smoking is associated with differential neurocognitive recovery in abstinent alcoholic patients: a preliminary investigation. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1114-27	3.7	40
98	Short TE in vivo (1)H MR spectroscopic imaging at 1.5 T: acquisition and automated spectral analysis. <i>Magnetic Resonance Imaging</i> , 2000 , 18, 1159-65	3.3	38
97	Using automated morphometry to detect associations between ERP latency and structural brain MRI in normal adults. <i>Human Brain Mapping</i> , 2005 , 25, 317-27	5.9	36
96	Effects of chronic alcohol dependence and chronic cigarette smoking on cerebral perfusion: a preliminary magnetic resonance study. <i>Alcoholism: Clinical and Experimental Research</i> , 2006 , 30, 947-58	3.7	35
95	Blood-Brain Barrier Disruption Is Initiated During Primary HIV Infection and Not Rapidly Altered by Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1132-1140	7	34
94	Comparison of Regional Brain Perfusion Levels in Chronically Smoking and Non-Smoking Adults. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 8198-213	4.6	34
93	Chronic alcohol consumption, abstinence and relapse: brain proton magnetic resonance spectroscopy studies in animals and humans. <i>Current Topics in Behavioral Neurosciences</i> , 2013 , 13, 511-40	3.4	34
92	Are treated alcoholics representative of the entire population with alcohol use disorders? A magnetic resonance study of brain injury. <i>Alcohol</i> , 2008 , 42, 67-76	2.7	33
91	Chronic Alcohol Consumption, Abstinence and Relapse: Brain Proton Magnetic Resonance Spectroscopy Studies in Animals and Humans. <i>Current Topics in Behavioral Neurosciences</i> , 2011 , 511-540	3.4	33
90	Brain-derived neurotrophic factor genotype is associated with brain gray and white matter tissue volumes recovery in abstinent alcohol-dependent individuals. <i>Genes, Brain and Behavior</i> , 2013 , 12, 98-107	3.6	32
89	Metabolite levels in the brain reward pathway discriminate those who remain abstinent from those who resume hazardous alcohol consumption after treatment for alcohol dependence. <i>Journal of Studies on Alcohol and Drugs</i> , 2010 , 71, 278-89	1.9	32
88	Proton MR spectroscopic imaging of the striatum in Parkinson's disease. <i>Magnetic Resonance Imaging</i> , 1997 , 15, 619-24	3.3	32
87	Alcohol use disorder with and without stimulant use: brain morphometry and its associations with cigarette smoking, cognition, and inhibitory control. <i>PLoS ONE</i> , 2015 , 10, e0122505	3.7	32
86	A Roadmap for Integrating Neuroscience Into Addiction Treatment: A Consensus of the Neuroscience Interest Group of the International Society of Addiction Medicine. <i>Frontiers in Psychiatry</i> , 2019 , 10, 877	5	32
85	Regional Brain Volume Changes in Alcohol-Dependent Individuals During Short-Term and Long-Term Abstinence. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 1062-1072	3.7	31
84	The impact of chronic cigarette smoking on recovery from cortical gray matter perfusion deficits in alcohol dependence: longitudinal arterial spin labeling MRI. <i>Alcoholism: Clinical and Experimental Research</i> , 2009 , 33, 1314-21	3.7	31

83	Ethanol in Human Brain by Magnetic Resonance Spectroscopy: Correlation With Blood and Breath Levels, Relaxation, and Magnetization Transfer. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 1227-1235	3.7	31
82	A preliminary examination of cortical neurotransmitter levels associated with heavy drinking in posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2014 , 224, 281-7	2.9	30
81	Clinical magnetic resonance spectroscopy of brain, heart, liver, kidney, and cancer. A quantitative approach. <i>NMR in Biomedicine</i> , 1989 , 2, 290-7	4.4	29
80	A peripheral monocyte interferon phenotype in HIV infection correlates with a decrease in magnetic resonance spectroscopy metabolite concentrations. <i>Aids</i> , 2011 , 25, 1721-6	3.5	28
79	Proton magnetic resonance spectroscopy in alcohol use disorders: a potential new endophenotype?. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 1146-58	3.7	28
78	Alteration of brain phospholipid metabolites in cocaine-dependent polysubstance abusers. <i>Biological Psychiatry</i> , 1993 , 34, 261-4	7.9	27
77	Automated processing for proton spectroscopic imaging using water reference deconvolution. <i>Magnetic Resonance in Medicine</i> , 1994 , 31, 589-95	4.4	27
76	Structural brain differences in alcohol-dependent individuals with and without comorbid substance dependence. <i>Drug and Alcohol Dependence</i> , 2014 , 144, 170-7	4.9	26
75	In-vivo investigation of the human cingulum bundle using the optimization of MR diffusion spectrum imaging. <i>European Journal of Radiology</i> , 2010 , 75, e29-36	4.7	26
74	Hierarchical linear modeling (HLM) of longitudinal brain structural and cognitive changes in alcohol-dependent individuals during sobriety. <i>Drug and Alcohol Dependence</i> , 2007 , 91, 195-204	4.9	26
73	Psychiatric, Demographic, and Brain Morphological Predictors of Relapse After Treatment for an Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 107-116	3.7	25
72	The relationship between Gulf War illness, brain N-acetylaspartate, and post-traumatic stress disorder. <i>Military Medicine</i> , 2011 , 176, 896-902	1.3	25
71	Cortical perfusion in alcohol-dependent individuals during short-term abstinence: relationships to resumption of hazardous drinking after treatment. <i>Alcohol</i> , 2010 , 44, 201-10	2.7	25
70	Evidence of multiple ethanol pools in the brain: an in vivo proton magnetization transfer study. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 1283-8	3.7	25
69	Putamen volume and its clinical and neurological correlates in primary HIV infection. <i>Aids</i> , 2016 , 30, 1789-94	3.3	25
68	The effects of chronic cigarette smoking on cognitive recovery during early abstinence from alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1220-7	3.7	24
67	Proton magnetization transfer of metabolites in human brain. <i>Magnetic Resonance in Medicine</i> , 1999 , 42, 417-20	4.4	23
66	Hepatic cancers and their response to chemoembolization therapy. Quantitative image-guided 31P magnetic resonance spectroscopy. <i>Investigative Radiology</i> , 1992 , 27, 456-64	10.1	23

65	Genetic and behavioral determinants of hippocampal volume recovery during abstinence from alcohol. <i>Alcohol</i> , 2014 , 48, 631-8	2.7	22
64	Neurocognition and inhibitory control in polysubstance use disorders: Comparison with alcohol use disorders and changes with abstinence. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017 , 39, 22-34	2.1	22
63	Measures of learning, memory and processing speed accurately predict smoking status in short-term abstinent treatment-seeking alcohol-dependent individuals. <i>Alcohol and Alcoholism</i> , 2010 , 45, 507-13	3.5	22
62	The relationships of sociodemographic factors, medical, psychiatric, and substance-misuse co-morbidities to neurocognition in short-term abstinent alcohol-dependent individuals. <i>Alcohol</i> , 2008 , 42, 439-49	2.7	22
61	Magnetic resonance detects brainstem changes in chronic, active heavy drinkers. <i>Psychiatry Research - Neuroimaging</i> , 2004 , 132, 209-18	2.9	22
60	Regional brain volume changes in alcohol-dependent individuals during early abstinence: associations with relapse following treatment. <i>Addiction Biology</i> , 2017 , 22, 1416-1425	4.6	21
59	Loss in connectivity among regions of the brain reward system in alcohol dependence. <i>Human Brain Mapping</i> , 2013 , 34, 3129-42	5.9	21
58	Effects of cigarette smoking history on neurocognitive recovery over 8 months of abstinence in alcohol-dependent individuals. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 2816-25	3.7	20
57	Brain proton magnetic resonance spectroscopy of alcohol use disorders. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014 , 125, 313-37	3	19
56	Neurocognition in 1-month-abstinent treatment-seeking alcohol-dependent individuals: interactive effects of age and chronic cigarette smoking. <i>Alcoholism: Clinical and Experimental Research</i> , 2013 , 37, 1794-803	3.7	19
55	Cigarette smoking is associated with amplified age-related volume loss in subcortical brain regions. <i>Drug and Alcohol Dependence</i> , 2017 , 177, 228-236	4.9	18
54	Body mass index is associated with brain metabolite levels in alcohol dependence—a multimodal magnetic resonance study. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 2089-96	3.7	18
53	Use of computer simulations for quantitation of 31P ISIS MRS results. <i>NMR in Biomedicine</i> , 1993 , 6, 215-244	4.4	18
52	Abnormalities of the liver evaluated by 31P MRS. <i>Investigative Radiology</i> , 1989 , 24, 980-4	10.1	17
51	Cigarette smoking is associated with cortical thinning in anterior frontal regions, insula and regions showing atrophy in early Alzheimer's Disease. <i>Drug and Alcohol Dependence</i> , 2018 , 192, 277-284	4.9	17
50	Brain perfusion in polysubstance users: relationship to substance and tobacco use, cognition, and self-regulation. <i>Drug and Alcohol Dependence</i> , 2015 , 150, 120-8	4.9	16
49	Effects of brain membranes on 1H nuclear magnetic resonance signal intensity of ethanol in vitro. <i>Alcohol and Alcoholism</i> , 1997 , 32, 671-81	3.5	16
48	Metabolic abnormalities in lobar and subcortical brain regions of abstinent polysubstance users: magnetic resonance spectroscopic imaging. <i>Alcohol and Alcoholism</i> , 2013 , 48, 543-51	3.5	15

47	DTI studies in patients with Alzheimer's disease, mild cognitive impairment, or normal cognition with evaluation of the intrinsic background gradients. <i>Neuroradiology</i> , 2011 , 53, 749-62	3.2	15
46	A mathematical formula for prediction of gray and white matter volume recovery in abstinent alcohol dependent individuals. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 194, 198-204	2.9	14
45	Abnormal CNV in chronic heavy drinkers. <i>Clinical Neurophysiology</i> , 2003 , 114, 2081-95	4.3	14
44	Sensitive and fast T1 mapping based on two inversion recovery images and a reference image. <i>Medical Physics</i> , 2005 , 32, 1524-8	4.4	14
43	Structural Neuroimaging in Polysubstance Users. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 13, 13-18	4	13
42	Image-guided 31P magnetic resonance spectroscopy of normal and transplanted human kidneys. <i>Kidney International</i> , 1990 , 38, 294-300	9.9	13
41	Effects of abstinence and chronic cigarette smoking on white matter microstructure in alcohol dependence: Diffusion tensor imaging at 4T. <i>Drug and Alcohol Dependence</i> , 2017 , 175, 42-50	4.9	12
40	Phosphorus-31 magnetic resonance metabolite imaging in the human body. <i>Magnetic Resonance Imaging</i> , 1992 , 10, 245-56	3.3	11
39	Changes of frontal cortical subregion volumes in alcohol dependent individuals during early abstinence: associations with treatment outcome. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1588-1599	4.1	11
38	White matter microstructural correlates of relapse in alcohol dependence. <i>Psychiatry Research - Neuroimaging</i> , 2018 , 281, 92-100	2.9	11
37	Frontal Metabolite Concentration Deficits in Opiate Dependence Relate to Substance Use, Cognition, and Self-Regulation. <i>Journal of Addiction Research & Therapy</i> , 2016 , 7,	2.5	10
36	Cortisol, moderated by age, is associated with antidepressant treatment outcome and memory improvement in Major Depressive Disorder: A retrospective analysis. <i>Psychoneuroendocrinology</i> , 2019 , 109, 104386	5	10
35	Postural stability in cigarette smokers and during abstinence from alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2014 , 38, 1753-60	3.7	10
34	Abnormal contingent negative variation in HIV patients receiving antiretroviral therapy. <i>NeuroReport</i> , 2003 , 14, 2111-5	1.7	10
33	A 31phosphorous magnetic resonance spectroscopy study of diazepam does not affect brain phosphorous metabolism. <i>Biological Psychiatry</i> , 1992 , 32, 628-31	7.9	10
32	Dinuclear tungsten and molybdenum complexes with fulvalene ligands: Assignment of their 1H and 13C NMR spectra by one-dimensional heteronuclear noe difference spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1986 , 24, 709-712	2.1	10
31	Not All Is Lost for Relapsers: Relapsers With Low WHO Risk Drinking Levels and Complete Abstainers Have Comparable Regional Gray Matter Volumes. <i>Alcoholism: Clinical and Experimental Research</i> , 2020 , 44, 1479-1487	3.7	9
30	Effects of fat on MR-measured metabolite signal strengths: implications for in vivo MRS studies of the human brain. <i>NMR in Biomedicine</i> , 2013 , 26, 1768-74	4.4	8

29	Indirect imaging of ethanol via magnetization transfer at high and low magnetic fields. <i>Magnetic Resonance in Medicine</i> , 2003 , 49, 755-9	4.4	8
28	Brain GABA and Glutamate Concentrations Following Chronic Gabapentin Administration: A Convenience Sample Studied During Early Abstinence From Alcohol. <i>Frontiers in Psychiatry</i> , 2018 , 9, 78	5	7
27	Cerebellar Morphometry and Cognition in the Context of Chronic Alcohol Consumption and Cigarette Smoking. <i>Alcoholism: Clinical and Experimental Research</i> , 2020 , 44, 102-113	3.7	7
26	Association of Superoxide Dismutase 2 (SOD2) Genotype with Gray Matter Volume Shrinkage in Chronic Alcohol Users: Replication and Further Evaluation of an Addiction Gene Panel. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	6
25	Fat may affect magnetic resonance signal intensity and brain tissue volumes. <i>Obesity Research and Clinical Practice</i> , 2016 , 10, 211-5	5.4	6
24	Associations of Cigarette Smoking and Polymorphisms in Brain-Derived Neurotrophic Factor and Catechol-O-Methyltransferase with Neurocognition in Alcohol Dependent Individuals during Early Abstinence. <i>Frontiers in Pharmacology</i> , 2012 , 3, 178	5.6	6
23	The gray matter structural connectome and its relationship to alcohol relapse: Reconnecting for recovery. <i>Addiction Biology</i> , 2021 , 26, e12860	4.6	5
22	Magnetic Resonance Spectroscopy of the Brain in Alcohol Abuse. <i>Alcohol Health and Research World</i> , 1995 , 19, 306-314		4
21	Cigarette smoking history is associated with poorer recovery in multiple neurocognitive domains following treatment for an alcohol use disorder. <i>Alcohol</i> , 2020 , 85, 135-143	2.7	4
20	Regional cerebral blood flow in opiate dependence relates to substance use and neuropsychological performance. <i>Addiction Biology</i> , 2018 , 23, 781-795	4.6	3
19	Magnetic Resonance Spectroscopic Imaging 1994 , 169-184		3
18	Human linear growth trajectory defined. <i>American Journal of Human Biology</i> , 2013 , 25, 666-72	2.7	2
17	Application of two-dimensional dipolar exchange spectroscopy with multiple mixing periods. <i>Magnetic Resonance in Chemistry</i> , 1987 , 25, 843-847	2.1	2
16	Long-range heteronuclear chemical-shift correlation spectroscopy with broadband homonuclear decoupling. <i>Journal of Magnetic Resonance</i> , 1988 , 78, 333-337		2
15	Ethanol in Human Brain by Magnetic Resonance Spectroscopy: Correlation With Blood and Breath Levels, Relaxation, and Magnetization Transfer 2000 , 24, 1227		2
14	Maladaptive brain organization at 1 month into abstinence as an indicator for future relapse in patients with alcohol use disorder. <i>European Journal of Neuroscience</i> , 2021 , 53, 2923-2938	3.5	2
13	Modeling neurocognitive and neurobiological recovery in addiction 2020 , 379-392		2
12	Frontocerebellar gray matter plasticity in alcohol use disorder linked to abstinence. <i>NeuroImage: Clinical</i> , 2021 , 32, 102788	5.3	2

11	Application of homonuclear double-acquisition two-dimensional shift correlation spectroscopy. <i>Journal of Magnetic Resonance</i> , 1988 , 76, 316-320		1
10	Medical Conditions Linked to Atherosclerosis Are Associated With Magnified Cortical Thinning in Individuals With Alcohol Use Disorders. <i>Alcohol and Alcoholism</i> , 2020 , 55, 382-390	3.5	1
9	GABA concentrations in the anterior cingulate and dorsolateral prefrontal cortices: Associations with chronic cigarette smoking, neurocognition, and decision making. <i>Addiction Biology</i> , 2021 , 26, e12948	4.6	1
8	Brain metabolite alterations related to alcohol use: a meta-analysis of proton magnetic resonance spectroscopy studies.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	1
7	Substance-Specific and Shared Gray Matter Signatures in Alcohol, Opioid, and Polysubstance Use Disorder.. <i>Frontiers in Psychiatry</i> , 2021 , 12, 795299	5	0
6	Age-dependent brain morphometry in Major Depressive disorder.. <i>NeuroImage: Clinical</i> , 2021 , 33, 102924	4.3	0
5	Does an Over-Connected Visual Cortex Undermine Efforts to Stay Sober After Treatment for Alcohol Use Disorder?. <i>Frontiers in Psychiatry</i> , 2020 , 11, 536706	5	0
4	Multimodal Magnetic Resonance Neuroimaging and Cognition in Polysubstance Users 2016 , 872-883		0
3	Reply to: On the Correction of Effects of Flip Angle in H Magnetic Resonance Spectroscopy Signal Acquired Using Stimulated Echo Acquisition Mode Sequence. <i>Biological Psychiatry</i> , 2017 , 81, e17	7.9	
2	Rejoinder-response to: Human linear growth trajectory defined. <i>American Journal of Human Biology</i> , 2014 , 26, 109-10	2.7	
1	Time for Cigarette Smoke Exposure Chambers?. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 936-8	3.7	