Edith V Sullivan

List of Publications by Year
in descending order

389 papers	31,145 citations	2975 93 h-index	6131 159 g-index
414 all docs	414 docs citations	414 times ranked	20885 citing authors

#	Article	IF	Citations
1	A Quantitative Magnetic Resonance Imaging Study of Changes in Brain Morphology From Infancy to Late Adulthood. Archives of Neurology, 1994, 51, 874-887.	4.5	1,248
2	Harnessing neuroplasticity for clinical applications. Brain, 2011, 134, 1591-1609.	7.6	907
3	COGNITIVE IMPAIRMENT IN EARLY, UNTREATED PARKINSON'S DISEASE AND ITS RELATIONSHIP TO MOTOR DISABILITY. Brain, 1991, 114, 2095-2122.	7.6	611
4	Age-related decline in brain white matter anisotropy measured with spatially corrected echo-planar diffusion tensor imaging. Magnetic Resonance in Medicine, 2000, 44, 259-268.	3.0	553
5	Diffusion tensor imaging and aging. Neuroscience and Biobehavioral Reviews, 2006, 30, 749-761.	6.1	546
6	Brain Gray and White Matter Volume Loss Accelerates with Aging in Chronic Alcoholics: A Quantitative MRI Study. Alcoholism: Clinical and Experimental Research, 1992, 16, 1078-1089.	2.4	525
7	Sniffing and smelling: separate subsystems in the human olfactory cortex. Nature, 1998, 392, 282-286.	27.8	501
8	Neurocircuitry in alcoholism: a substrate of disruption and repair. Psychopharmacology, 2005, 180, 583-594.	3.1	449
9	Compromised White Matter Tract Integrity in Schizophrenia Inferred From Diffusion Tensor Imaging. Archives of General Psychiatry, 1999, 56, 367.	12.3	433
10	MRI estimates of brain iron concentration in normal aging using quantitative susceptibility mapping. NeuroImage, 2012, 59, 2625-2635.	4.2	427
11	Progressive Brain Volume Changes and the Clinical Course of Schizophrenia in Men. Archives of General Psychiatry, 2001, 58, 148.	12.3	389
12	Frontal Lobe Volume Loss Observed with Magnetic Resonance Imaging in Older Chronic Alcoholics. Alcoholism: Clinical and Experimental Research, 1997, 21, 521-529.	2.4	388
13	Longitudinal Changes in Magnetic Resonance Imaging Brain Volumes in Abstinent and Relapsed Alcoholics. Alcoholism: Clinical and Experimental Research, 1995, 19, 1177-1191.	2.4	380
14	A Controlled Study of Cortical Gray Matter and Ventricular Changes in Alcoholic Men Over a 5-Year Interval. Archives of General Psychiatry, 1998, 55, 905.	12.3	345
15	Equivalent disruption of regional white matter microstructure in ageing healthy men and women. NeuroReport, 2001, 12, 99-104.	1.2	342
16	Anterior Hippocampal Volume Deficits in Nonamnesic, Aging Chronic Alcoholics. Alcoholism: Clinical and Experimental Research, 1995, 19, 110-122.	2.4	328
17	The SRI24 multichannel atlas of normal adult human brain structure. Human Brain Mapping, 2010, 31, 798-819.	3.6	317
18	Frontal circuitry degradation marks healthy adult aging: Evidence from diffusion tensor imaging. NeuroImage, 2005, 26, 891-899.	4.2	315

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19	Quantitative fiber tracking of lateral and interhemispheric white matter systems in normal aging: Relations to timed performance. Neurobiology of Aging, 2010, 31, 464-481.	3.1	309
20	In vivo spectroscopic quantification of theN-acetyl moiety, creatine, and choline from large volumes of brain gray and white matter: Effects of normal aging. Magnetic Resonance in Medicine, 1999, 41, 276-284.	3.0	276
21	Time Course of Odorant-Induced Activation in the Human Primary Olfactory Cortex. Journal of Neurophysiology, 2000, 83, 537-551.	1.8	276
22	In Vivo Detection and Functional Correlates of White Matter Microstructural Disruption in Chronic Alcoholism. Alcoholism: Clinical and Experimental Research, 2000, 24, 1214-1221.	2.4	259
23	Increased brain white matter diffusivity in normal adult aging: Relationship to anisotropy and partial voluming. Magnetic Resonance in Medicine, 2003, 49, 953-961.	3.0	247
24	Age-related decline in MRI volumes of temporal lobe gray matter but not hippocampus. Neurobiology of Aging, 1995, 16, 591-606.	3.1	246
25	Corpus Callosal Microstructural Integrity Influences Interhemispheric Processing: A Diffusion Tensor Imaging Study. Cerebral Cortex, 2005, 15, 1384-1392.	2.9	245
26	Cerebellar volume decline in normal aging, alcoholism, and Korsakoff's syndrome: Relation to ataxia.. Neuropsychology, 2000, 14, 341-352.	1.3	243
27	Executive Functions, Memory, and Social Cognitive Deficits and Recovery in Chronic Alcoholism: A Critical Review to Inform Future Research. Alcoholism: Clinical and Experimental Research, 2017, 41, 1432-1443.	2.4	236
28	Problem solving, working memory, and motor correlates of association and commissural fiber bundles in normal aging: A quantitative fiber tracking study. NeuroImage, 2009, 44, 1050-1062.	4.2	231
29	Longitudinal changes in cognition, gait, and balance in abstinent and relapsed alcoholic men: Relationships to changes in brain structure.. Neuropsychology, 2000, 14, 178-188.	1.3	230
30	The INIA19 Template and NeuroMaps Atlas for Primate Brain Image Parcellation and Spatial Normalization. Frontiers in Neuroinformatics, 2012, 6, 27.	2.5	223
31	Odorant-Induced and Sniff-Induced Activation in the Cerebellum of the Human. Journal of Neuroscience, 1998, 18, 8990-9001.	3.6	221
32	Neuroimaging of the Wernicke-Korsakoff Syndrome. Alcohol and Alcoholism, 2009, 44, 155-165.	1.6	220
33	Variation in longitudinal trajectories of regional brain volumes of healthy men and women (ages 10) Tj ETQq1 1 0.784314 rgBT /Overl	4.2	220
34	Selective Age-related Degradation of Anterior Callosal Fiber Bundles Quantified In Vivo with Fiber Tracking. Cerebral Cortex, 2006, 16, 1030-1039.	2.9	216
35	Correction for head size in brain-imaging measurements. Psychiatry Research - Neuroimaging, 1993, 50, 121-139.	1.8	213
36	Reorganization of Frontal Systems Used by Alcoholics for Spatial Working Memory: An fMRI Study. NeuroImage, 2001, 14, 7-20.	4.2	209

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37	Increased frontocerebellar activation in alcoholics during verbal working memory: an fMRI study. NeuroImage, 2003, 19, 1510-1520.	4.2	206
38	Thalamic structures and associated cognitive functions: Relations with age and aging. Neuroscience and Biobehavioral Reviews, 2015, 54, 29-37.	6.1	205
39	Volumetric MRI assessment of temporal lobe structures in schizophrenia. Biological Psychiatry, 1994, 35, 501-516.	1.3	203
40	Sex Differences in the Effects of Alcohol on Brain Structure. American Journal of Psychiatry, 2001, 158, 188-197.	7.2	203
41	Disruption of Brain White Matter Microstructure by Excessive Intracellular and Extracellular Fluid in Alcoholism: Evidence from Diffusion Tensor Imaging. Neuropsychopharmacology, 2005, 30, 423-432.	5.4	200
42	Degradation of Association and Projection White Matter Systems in Alcoholism Detected with Quantitative Fiber Tracking. Biological Psychiatry, 2009, 65, 680-690.	1.3	200
43	Microstructural but Not Macrostructural Disruption of White Matter in Women with Chronic Alcoholism. NeuroImage, 2002, 15, 708-718.	4.2	199
44	MR Diffusion Tensor Imaging: A Window into White Matter Integrity of the Working Brain. Neuropsychology Review, 2010, 20, 209-225.	4.9	197
45	Blind smell: brain activation induced by an undetected air-borne chemical. Brain, 1999, 122, 209-217.	7.6	194
46	Thinning of the Corpus Callosum in Older Alcoholic Men: A Magnetic Resonance Imaging Study. Alcoholism: Clinical and Experimental Research, 1996, 20, 752-757.	2.4	190
47	Brain Development in Heavy-Drinking Adolescents. American Journal of Psychiatry, 2015, 172, 531-542.	7.2	189
48	Dysmorphology and microstructural degradation of the corpus callosum: Interaction of age and alcoholism. Neurobiology of Aging, 2006, 27, 994-1009.	3.1	185
49	Effects of age and sex on volumes of the thalamus, pons, and cortex. Neurobiology of Aging, 2004, 25, 185-192.	3.1	184
50	Factors of the Wisconsin Card Sorting Test as measures of frontal-lobe function in schizophrenia and in chronic alcoholism. Psychiatry Research, 1993, 46, 175-199.	3.3	183
51	The National Consortium on Alcohol and NeuroDevelopment in Adolescence (NCANDA): A Multisite Study of Adolescent Development and Substance Use. Journal of Studies on Alcohol and Drugs, 2015, 76, 895-908.	1.0	181
52	Postmortem MR imaging of formalin-fixed human brain. NeuroImage, 2004, 21, 1585-1595.	4.2	178
53	Sex differences in corpus callosum size: relationship to age and intracranial size. Neurobiology of Aging, 2001, 22, 603-611.	3.1	174
54	Longitudinal decline of the neuronal marker N-acetyl aspartate in Alzheimer's disease. Lancet, The, 2000, 355, 1696-1697.	13.7	170

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55	Compromised Pontocerebellar and Cerebellothalamocortical Systems: Speculations on Their Contributions to Cognitive and Motor Impairment in Nonamnesic Alcoholism. Alcoholism: Clinical and Experimental Research, 2003, 27, 1409-1419.	2.4	169
56	Pattern of motor and cognitive deficits in detoxified alcoholic men. Alcoholism: Clinical and Experimental Research, 2000, 24, 611-21.	2.4	169
57	Preliminary evidence of reduced cognitive inhibition in methamphetamine-dependent individuals. Psychiatry Research, 2002, 111, 65-74.	3.3	168
58	Heritability of hippocampal size in elderly twin men: Equivalent influence from genes and environment. Hippocampus, 2001, 11, 754-762.	1.9	167
59	Diffusion tensor imaging of deep gray matter brain structures: Effects of age and iron concentration. Neurobiology of Aging, 2010, 31, 482-493.	3.1	165
60	Disruption of Functional Connectivity of the Default-Mode Network in Alcoholism. Cerebral Cortex, 2011, 21, 2272-2281.	2.9	164
61	Replicability of diffusion tensor imaging measurements of fractional anisotropy and trace in brain. Journal of Magnetic Resonance Imaging, 2003, 18, 427-433.	3.4	162
62	Diffusion tensor imaging with quantitative fibre tracking in HIV infection and alcoholism comorbidity: synergistic white matter damage. Brain, 2006, 130, 48-64.	7.6	157
63	MRI estimates of brain iron concentration in normal aging: Comparison of field-dependent (FDRI) and phase (SWI) methods. NeuroImage, 2009, 47, 493-500.	4.2	149
64	The world smells different to each nostril. Nature, 1999, 402, 35-35.	27.8	147
65	A profile of neuropsychological deficits in alcoholic women.. Neuropsychology, 2002, 16, 74-83.	1.3	146
66	Cortical and Hippocampal Volume Deficits in Temporal Lobe Epilepsy. Epilepsia, 1997, 38, 576-587.	5.1	141
67	Longitudinal Study of Callosal Microstructure in the Normal Adult Aging Brain Using Quantitative DTI Fiber Tracking. Developmental Neuropsychology, 2010, 35, 233-256.	1.4	140
68	Diffusion tensor imaging in normal aging and neuropsychiatric disorders. European Journal of Radiology, 2003, 45, 244-255.	2.6	139
69	Differential Rates of Regional Brain Change in Callosal and Ventricular Size: a 4-Year Longitudinal MRI Study of Elderly Men. Cerebral Cortex, 2002, 12, 438-445.	2.9	138
70	Brain structure in men remains highly heritable in the seventh and eighth decades of lifeâˆ†. Neurobiology of Aging, 2000, 21, 63-74.	3.1	136
71	Cerebellar volume decline in normal aging, alcoholism, and Korsakoff's syndrome: Relation to ataxia.. Neuropsychology, 2000, 14, 341-352.	1.3	136
72	The relationship between P300 amplitude and regional gray matter volumes depends upon the attentional system engaged. Electroencephalography and Clinical Neurophysiology, 1994, 90, 214-228.	0.3	135

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73	Alcoholic Neurobiology: Changes In Dependence and Recovery. Alcoholism: Clinical and Experimental Research, 2005, 29, 1504-1513.	2.4	135
74	The Resting Brain of Alcoholics. Cerebral Cortex, 2015, 25, 4155-4168.	2.9	133
75	Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking. American Journal of Psychiatry, 2018, 175, 370-380.	7.2	133
76	Working and strategic memory deficits in schizophrenia.. Neuropsychology, 1998, 12, 278-288.	1.3	131
77	An impairment in sniffing contributes to the olfactory impairment in Parkinson's disease. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 4154-4159.	7.1	128
78	Striatal and forebrain nuclei volumes: Contribution to motor function and working memory deficits in alcoholism. Biological Psychiatry, 2005, 57, 768-776.	1.3	128
79	In Vivo Brain Concentrations of N-Acetyl Compounds, Creatine, and Choline in Alzheimer Disease. Archives of General Psychiatry, 1999, 56, 185.	12.3	127
80	Mammillary Body and Cerebellar Shrinkage in Chronic Alcoholics with and without Amnesia. Alcoholism: Clinical and Experimental Research, 1996, 20, 1489-1495.	2.4	119
81	Adolescent Development of Cortical and White Matter Structure in the NCANDA Sample: Role of Sex, Ethnicity, Puberty, and Alcohol Drinking. Cerebral Cortex, 2016, 26, 4101-4121.	2.9	115
82	Genetic regulation of regional microstructure of the corpus callosum in late life. NeuroReport, 2001, 12, 1677-1681.	1.2	106
83	Supratentorial Profile of White Matter Microstructural Integrity in Recovering Alcoholic Men and Women. Biological Psychiatry, 2006, 59, 364-372.	1.3	106
84	Proton Magnetic Resonance Spectroscopic Imaging of Cortical Gray and White Matter in Schizophrenia. Archives of General Psychiatry, 1998, 55, 346-52.	12.3	103
85	Cortical gray matter deficit in patients with bipolar disorder. Schizophrenia Research, 1999, 40, 219-227.	2.0	103
86	Neuroimaging of Wernickeâ€™s Encephalopathy and Korsakoffâ€™s Syndrome. Neuropsychology Review, 2012, 22, 170-180.	4.9	103
87	Accelerated aging of selective brain structures in human immunodeficiency virus infection: a controlled, longitudinal magnetic resonance imaging study. Neurobiology of Aging, 2014, 35, 1755-1768.	3.1	103
88	A profile of neuropsychological deficits in alcoholic women.. Neuropsychology, 2002, 16, 74-83.	1.3	103
89	Relationship between Alcohol Withdrawal Seizures and Temporal Lobe White Matter Volume Deficits. Alcoholism: Clinical and Experimental Research, 1996, 20, 348-354.	2.4	102
90	Postural sway reduction in aging men and women: Relation to brain structure, cognitive status, and stabilizing factors. Neurobiology of Aging, 2009, 30, 793-807.	3.1	99

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91	Cerebral Blood Flow in Posterior Cortical Nodes of the Default Mode Network Decreases with Task Engagement but Remains Higher than in Most Brain Regions. Cerebral Cortex, 2011, 21, 233-244.	2.9	99
92	Neuroimaging in Alcoholism: Ethanol and Brain Damage. Alcoholism: Clinical and Experimental Research, 2001, 25, 104S-109S.	2.4	98
93	Perceptual Learning in Detoxified Alcoholic Men: Contributions From Explicit Memory, Executive Function, and Age. Alcoholism: Clinical and Experimental Research, 2004, 28, 1657-1665.	2.4	98
94	Preservation of hippocampal volume throughout adulthood in healthy men and women. Neurobiology of Aging, 2005, 26, 1093-1098.	3.1	97
95	Compounded Brain Volume Deficits in Schizophrenia-Alcoholism Comorbidity. Archives of General Psychiatry, 2003, 60, 245.	12.3	96
96	A deficit profile of executive, memory, and motor functions in schizophrenia. Biological Psychiatry, 1994, 36, 641-653.	1.3	94
97	Contribution of Alcohol Abuse to Cerebellar Volume Deficits in Men With Schizophrenia. Archives of General Psychiatry, 2000, 57, 894.	12.3	93
98	Signs of Preclinical Wernicke's Encephalopathy and Thiamine Levels as Predictors of Neuropsychological Deficits in Alcoholism without Korsakoff's Syndrome. Neuropsychopharmacology, 2011, 36, 580-588.	5.4	93
99	Hippocampal volume deficits in alcoholic Korsakoffâ€™s syndrome. Neurology, 2003, 61, 1716-1719.	1.1	91
100	Recovery of Short-Term Memory and Psychomotor Speed but Not Postural Stability With Long-Term Sobriety in Alcoholic Women.. Neuropsychology, 2004, 18, 589-597.	1.3	91
101	White matter microstructural recovery with abstinence and decline with relapse in alcohol dependence interacts with normal ageing: a controlled longitudinal DTI study. Lancet Psychiatry,the, 2014, 1, 202-212.	7.4	91
102	Low N-acetyl-aspartate and high choline in the anterior cingulum of recently abstinent methamphetamine-dependent subjects: a preliminary proton MRS study. Psychiatry Research - Neuroimaging, 2002, 116, 43-52.	1.8	89
103	Effect of Vision, Touch and Stance on Cerebellar Vermian-related Sway and Tremor: A Quantitative Physiological and MRI Study. Cerebral Cortex, 2006, 16, 1077-1086.	2.9	87
104	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. NeuroImage, 2016, 130, 194-213.	4.2	85
105	Brain structural and cognitive correlates of clock drawing performance in Alzheimer's disease. Journal of the International Neuropsychological Society, 1999, 5, 502-509.	1.8	81
106	Interaction of Thiamine Deficiency and Voluntary Alcohol Consumption Disrupts Rat Corpus Callosum Ultrastructure. Neuropsychopharmacology, 2007, 32, 2207-2216.	5.4	80
107	Regional Brain Structural Dysmorphology in Human Immunodeficiency Virus Infection: Effects of Acquired Immune Deficiency Syndrome, Alcoholism, and Age. Biological Psychiatry, 2012, 72, 361-370.	1.3	80
108	Frontostriatal fiber bundle compromise in HIV infection without dementia. Aids, 2009, 23, 1977-1985.	2.2	77

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109	Brain Injury and Recovery Following Binge Ethanol: Evidence from In Vivo Magnetic Resonance Spectroscopy. Biological Psychiatry, 2010, 67, 846-854.	1.3	76
110	A Selective Insular Perfusion Deficit Contributes to Compromised Salience Network Connectivity in Recovering Alcoholic Men. Biological Psychiatry, 2013, 74, 547-555.	1.3	76
111	Eveningness and Later Sleep Timing Are Associated with Greater Risk for Alcohol and Marijuana Use in Adolescence: Initial Findings from the National Consortium on Alcohol and Neurodevelopment in Adolescence Study. Alcoholism: Clinical and Experimental Research, 2017, 41, 1154-1165.	2.4	75
112	Effects of Alcohol Dependence Comorbidity and Antipsychotic Medication on Volumes of the Thalamus and Pons in Schizophrenia. American Journal of Psychiatry, 2003, 160, 1110-1116.	7.2	73
113	Frontally mediated inhibitory processing and white matter microstructure: age and alcoholism effects. Psychopharmacology, 2011, 213, 669-679.	3.1	73
114	Analyses of Global Memory Impairments of Different Etiologies. Annals of the New York Academy of Sciences, 1985, 444, 10-40.	3.8	71
115	Increase in brain cerebrospinal fluid volume is greater in older than in younger alcoholic patients: A replication study and CT/MRI comparison. Psychiatry Research - Neuroimaging, 1993, 50, 257-274.	1.8	71
116	Gray matter deficits in young onset schizophrenia are independent of age of onset. Biological Psychiatry, 1996, 40, 4-13.	1.3	70
117	Patterns of regional cortical dysmorphology distinguishing schizophrenia and chronic alcoholism. Biological Psychiatry, 1998, 43, 118-131.	1.3	70
118	The Role of Aging, Drug Dependence, and Hepatitis C Comorbidity in Alcoholism Cortical Compromise. JAMA Psychiatry, 2018, 75, 474.	11.0	70
119	Patterns of content, contextual, and working memory impairments in schizophrenia and nonamnesic alcoholism.. Neuropsychology, 1997, 11, 195-206.	1.3	69
120	Contribution of alcoholism to brain dysmorphology in HIV infection: Effects on the ventricles and corpus callosum. NeuroImage, 2006, 33, 239-251.	4.2	69
121	InÂvivo glutamate measured with magnetic resonance spectroscopy: behavioral correlates in aging. Neurobiology of Aging, 2013, 34, 1265-1276.	3.1	69
122	Low Striatal Glutamate Levels Underlie Cognitive Decline in the Elderly: Evidence from In Vivo Molecular Spectroscopy. Cerebral Cortex, 2008, 18, 2241-2250.	2.9	68
123	Spatio-Temporal Graph Convolution for Resting-State fMRI Analysis. Lecture Notes in Computer Science, 2020, 12267, 528-538.	1.3	68
124	Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings. Brain Imaging and Behavior, 2009, 3, 167-175.	2.1	67
125	Accelerated and Premature Aging Characterizing Regional Cortical Volume Loss in Human Immunodeficiency Virus Infection: Contributions From Alcohol, Substance Use, and Hepatitis C Coinfection. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 844-859.	1.5	67
126	Corpus Callosum, Pons, and Cortical White Matter in Alcoholic Women. Alcoholism: Clinical and Experimental Research, 2002, 26, 400-406.	2.4	66

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127	Morphological changes in aging brain structures are differentially affected by time-linked environmental influences despite strong genetic stability. Neurobiology of Aging, 2004, 25, 175-183.	3.1	66
128	Structural MRI correlates of recognition memory in Alzheimer's disease. Journal of the International Neuropsychological Society, 1998, 4, 106-114.	1.8	65
129	Dual Tasking and Working Memory in Alcoholism: Relation to Frontocerebellar Circuitry. Neuropsychopharmacology, 2010, 35, 1868-1878.	5.4	65
130	Anterograde Episodic Memory in Korsakoff Syndrome. Neuropsychology Review, 2012, 22, 93-104.	4.9	65
131	Monkeys that Voluntarily and Chronically Drink Alcohol Damage their Brains: a Longitudinal MRI Study. Neuropsychopharmacology, 2014, 39, 823-830.	5.4	63
132	Alcohol's effects on brain and behavior. Alcohol Research, 2010, 33, 127-43.	1.0	63
133	Deficits in multiple systems of working memory in schizophrenia. Schizophrenia Research, 1997, 27, 1-10.	2.0	62
134	Remapping the Brain to Compensate for Impairment in Recovering Alcoholics. Cerebral Cortex, 2013, 23, 97-104.	2.9	62
135	Cross-sectional versus longitudinal estimates of age-related changes in the adult brain: overlaps and discrepancies. Neurobiology of Aging, 2015, 36, 2563-2567.	3.1	62
136	Volumetric cerebral perfusion imaging in healthy adults: Regional distribution, laterality, and repeatability of pulsed continuous arterial spin labeling (PCASL). Psychiatry Research - Neuroimaging, 2010, 182, 266-273.	1.8	61
137	Persistent cognitive deficits in community-treated alcoholic men and women volunteering for research: limited contribution from psychiatric comorbidity.. Journal of Studies on Alcohol and Drugs, 2005, 66, 254-265.	2.3	60
138	Localâ€“global interference is modulated by age, sex and anterior corpus callosum size. Brain Research, 2007, 1142, 189-205.	2.2	60
139	In Vivo Evidence for Alcohol-Induced Neurochemical Changes in Rat Brain Without Protracted Withdrawal, Pronounced Thiamine Deficiency, or Severe Liver Damage. Neuropsychopharmacology, 2009, 34, 1427-1442.	5.4	60
140	Speed and Efficiency but Not Accuracy or Timing Deficits of Limb Movements in Alcoholic Men and Women. Alcoholism: Clinical and Experimental Research, 2002, 26, 705-713.	2.4	58
141	The Human Basal Forebrain Integrates the Old and the New. Neuron, 2004, 41, 825-837.	8.1	58
142	Cortical gray matter volume deficits in schizophrenia: a replication. Schizophrenia Research, 1996, 20, 157-164.	2.0	57
143	Alcoholism, HIV Infection, and Their Comorbidity: Factors Affecting Self-Rated Health-Related Quality of Life. Journal of Studies on Alcohol and Drugs, 2007, 68, 115-125.	1.0	57
144	Improvement in memory and static balance with abstinence in alcoholic men and women: Selective relations with change in brain structure. Psychiatry Research - Neuroimaging, 2007, 155, 91-102.	1.8	57

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145	Developmental change in regional brain structure over 7 months in early adolescence: Comparison of approaches for longitudinal atlas-based parcellation. NeuroImage, 2011, 57, 214-224.	4.2	57
146	Imaging Neuroinflammation? A Perspective from <scp>MR</scp> Spectroscopy. Brain Pathology, 2014, 24, 654-664.	4.1	57
147	Cognitive and motor impairments are related to gray matter volume deficits in schizophrenia. Biological Psychiatry, 1996, 39, 234-240.	1.3	56
148	Cognitive, emotion control, and motor performance of adolescents in the NCANDA study: Contributions from alcohol consumption, age, sex, ethnicity, and family history of addiction.. Neuropsychology, 2016, 30, 449-473.	1.3	56
149	The mediating role of cortical thickness and gray matter volume on sleep slow-wave activity during adolescence. Brain Structure and Function, 2018, 223, 669-685.	2.3	56
150	Gray matter N-acetyl aspartate deficits in secondary progressive but not relapsing-remitting multiple sclerosis. American Journal of Neuroradiology, 2003, 24, 1941-5.	2.4	56
151	Working and Episodic Memory in HIV Infection, Alcoholism, and Their Comorbidity: Baseline and 1â€Year Followâ€Up Examinations. Alcoholism: Clinical and Experimental Research, 2009, 33, 1815-1824.	2.4	55
152	Measurement of Serum, Liver, and Brain Cytokine Induction, Thiamine Levels, and Hepatopathology in Rats Exposed to a 4â€Day Alcohol Binge Protocol. Alcoholism: Clinical and Experimental Research, 2010, 34, 1858-1870.	2.4	55
153	Synchrony of Corticostriatal-Midbrain Activation Enables Normal Inhibitory Control and Conflict Processing in Recovering Alcoholic Men. Biological Psychiatry, 2012, 71, 269-278.	1.3	55
154	Differential Contributions of Cognitive and Motor Component Processes to Physical and Instrumental Activities of Daily Living in Parkinsonâ€™s Disease. Archives of Clinical Neuropsychology, 1998, 13, 575-583.	0.5	53
155	Fiber tracking functionally distinct components of the internal capsule. Neuropsychologia, 2010, 48, 4155-4163.	1.6	53
156	Perspectives on fronto-fugal circuitry from human imaging of alcohol use disorders. Neuropharmacology, 2017, 122, 189-200.	4.1	53
157	Neuroimaging in Alcoholism: Ethanol and Brain Damage. Alcoholism: Clinical and Experimental Research, 2001, 25, 104S-109S.	2.4	53
158	Using magnetic resonance imaging and diffusion tensor imaging to assess brain damage in alcoholics. Alcohol Research, 2003, 27, 146-52.	1.0	53
159	Differential effect of HIV infection and alcoholism on conflict processing, attentional allocation, and perceptual load: Evidence from a stroop match-to-sample task. Biological Psychiatry, 2005, 57, 67-75.	1.3	52
160	The contribution of constructional accuracy and organizational strategy to nonverbal recall in Schizophrenia and chronic alcoholism. Biological Psychiatry, 1992, 32, 312-333.	1.3	51
161	Brain gray and white matter transverse relaxation time in schizophrenia. Psychiatry Research - Neuroimaging, 1999, 91, 93-100.	1.8	51
162	Structural brain abnormalities in patients with schizophrenia, epilepsy, and epilepsy with chronic interictal psychosis. Psychiatry Research - Neuroimaging, 2001, 108, 1-15.	1.8	51

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163	DOUBLE DISSOCIATION OF SHORT-TERM AND LONG-TERM MEMORY FOR NONVERBAL MATERIAL IN PARKINSON'S DISEASE AND GLOBAL AMNESIA. Brain, 1991, 114, 893-906.	7.6	50
164	Alcoholic men endorse more DSM-IV withdrawal symptoms than alcoholic women matched in drinking history.. Journal of Studies on Alcohol and Drugs, 2003, 64, 375-379.	2.3	50
165	Transcallosal White Matter Degradation Detected With Quantitative Fiber Tracking in Alcoholic Men and Women: Selective Relations to Dissociable Functions. Alcoholism: Clinical and Experimental Research, 2010, 34, 1201-1211.	2.4	50
166	Neurocircuitry of emotion and cognition in alcoholism: contributions from white matter fiber tractography. Dialogues in Clinical Neuroscience, 2010, 12, 554-560.	3.7	50
167	Mammillary body and cerebellar shrinkage in chronic alcoholics: An MRI and neuropsychological study.. Neuropsychology, 1994, 8, 433-444.	1.3	49
168	N400 evidence of abnormal responses to speech in Alzheimer's disease. Electroencephalography and Clinical Neurophysiology, 1996, 99, 235-246.	0.3	49
169	Magnetic Resonance Relaxometry Reveals Central Pontine Abnormalities in Clinically Asymptomatic Alcoholic Men. Alcoholism: Clinical and Experimental Research, 2001, 25, 1206-1212.	2.4	49
170	Dissociation of remote and anterograde memory impairment and neural correlates in alcoholic Korsakoff syndrome. Journal of the International Neuropsychological Society, 2004, 10, 427-41.	1.8	49
171	Visuoperceptual Learning in Alcoholic Korsakoff Syndrome. Alcoholism: Clinical and Experimental Research, 2006, 30, 680-687.	2.4	48
172	Development and Resolution of Brain Lesions Caused by Pyrithiamine- and Dietary-Induced Thiamine Deficiency and Alcohol Exposure in the Alcohol-Preferring Rat: A Longitudinal Magnetic Resonance Imaging and Spectroscopy Study. Neuropsychopharmacology, 2007, 32, 1159-1177.	5.4	47
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