

# Donna J Lang

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,792  
citations

279701

23  
h-index

302012

39  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2763  
citing authors

#	ARTICLE	IF	CITATIONS
1	The need for speed: an update on methamphetamine addiction. <i>Journal of Psychiatry and Neuroscience</i> , 2006, 31, 301-13.	1.4	279
2	An MRI Study of Basal Ganglia Volumes in First-Episode Schizophrenia Patients Treated With Risperidone. <i>American Journal of Psychiatry</i> , 2001, 158, 625-631.	4.0	110
3	Reduced Basal Ganglia Volumes After Switching to Olanzapine in Chronically Treated Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2004, 161, 1829-1836.	4.0	85
4	The Hotel Study: Multimorbidity in a Community Sample Living in Marginal Housing. <i>American Journal of Psychiatry</i> , 2013, 170, 1413-1422.	4.0	82
5	The Association of Elevated Body Mass Index with Reduced Brain Volumes in First-Episode Mania. <i>Biological Psychiatry</i> , 2011, 70, 381-387.	0.7	62
6	Effects of eight weeks of atypical antipsychotic treatment on middle frontal thickness in drug-naïve first-episode psychosis patients. <i>Schizophrenia Research</i> , 2013, 149, 149-155.	1.1	53
7	Body Mass Index-Related Regional Gray and White Matter Volume Reductions in First-Episode Mania Patients. <i>Biological Psychiatry</i> , 2014, 76, 138-145.	0.7	48
8	Prevalence of Brain Microbleeds in Alzheimer Disease: A Systematic Review and Meta-Analysis on the Influence of Neuroimaging Techniques. <i>American Journal of Neuroradiology</i> , 2016, 37, 215-222.	1.2	47
9	Developmental abnormalities of the hippocampus in First-Episode schizophrenia. <i>Biological Psychiatry</i> , 2003, 53, 555-561.	0.7	45
10	Hippocampal Subfield Volumes in First Episode and Chronic Schizophrenia. <i>PLoS ONE</i> , 2015, 10, e0117785.	1.1	40
11	The Health Benefits and Challenges of Exercise Training in Persons Living with Schizophrenia: A Pilot Study. <i>Brain Sciences</i> , 2013, 3, 821-848.	1.1	38
12	48 echo T2 myelin imaging of white matter in first-episode schizophrenia: Evidence for aberrant myelination. <i>NeuroImage: Clinical</i> , 2014, 6, 408-414.	1.4	38
13	The Hotel Study—Clinical and Health Service Effectiveness in a Cohort of Homeless or Marginally Housed Persons. <i>Canadian Journal of Psychiatry</i> , 2017, 62, 482-492.	0.9	38
14	Hippocampal volume and the brain-derived neurotrophic factor Val66Met polymorphism in first episode psychosis. <i>Schizophrenia Research</i> , 2012, 134, 253-259.	1.1	36
15	Smaller corpus callosum subregions containing motor fibers in schizophrenia. <i>Schizophrenia Research</i> , 2005, 73, 59-68.	1.1	34
16	Mortality from treatable illnesses in marginally housed adults: a prospective cohort study. <i>BMJ Open</i> , 2015, 5, e008876.	0.8	34
17	Associations of substance use, psychosis, and mortality among people living in precarious housing or homelessness: A longitudinal, community-based study in Vancouver, Canada. <i>PLoS Medicine</i> , 2020, 17, e1003172.	3.9	32
18	Reduced Thalamic Volume in Patients With Chronic Schizophrenia After Switching From Typical Antipsychotic Medications to Olanzapine. <i>American Journal of Psychiatry</i> , 2006, 163, 2005-2007.	4.0	31

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19	A longitudinal study on the effects of typical versus atypical antipsychotic drugs on hippocampal volume in schizophrenia. <i>Schizophrenia Research</i> , 2007, 94, 288-292.	1.1	31
20	A family-based association study of the myelin-associated glycoprotein and 2â€²,3â€²-cyclic nucleotide 3â€²-phosphodiesterase genes with schizophrenia. <i>Psychiatric Genetics</i> , 2008, 18, 143-146.	0.6	29
21	Myelin Water Atlas: A Template for Myelin Distribution in the Brain. <i>Journal of Neuroimaging</i> , 2019, 29, 699-706.	1.0	29
22	Hippocampal volume and vasculature before and after exercise in treatment-resistant schizophrenia. <i>Schizophrenia Research</i> , 2018, 202, 158-165.	1.1	27
23	White matter deficits assessed by diffusion tensor imaging and cognitive dysfunction in psychostimulant users with comorbid human immunodeficiency virus infection. <i>BMC Research Notes</i> , 2015, 8, 515.	0.6	26
24	Predictors of starting to smoke cigarettes in patients with first episode psychosis. <i>Schizophrenia Research</i> , 2009, 108, 258-264.	1.1	23
25	A comparison of psychotic symptoms in subjects with methamphetamine versus cocaine dependence. <i>Psychopharmacology</i> , 2017, 234, 1535-1547.	1.5	23
26	The temporal lobes, reversed asymmetry and the genetics of schizophrenia. <i>NeuroReport</i> , 1995, 7, 221-224.	0.6	22
27	White matter tract abnormalities in first-episode psychosis. <i>Schizophrenia Research</i> , 2012, 141, 29-34.	1.1	22
28	Clinical and functional characteristics of young adults living in single room occupancy housing: preliminary findings from a 10-year longitudinal study. <i>Canadian Journal of Public Health</i> , 2018, 109, 204-214.	1.1	22
29	Cognitive decline and mortality in a community-based sample of homeless and precariously housed adults: 9-year prospective study. <i>BJPsych Open</i> , 2020, 6, e21.	0.3	22
30	Traumatic Brain Injury in a Community-Based Cohort of Homeless and Vulnerably Housed Individuals. <i>Journal of Neurotrauma</i> , 2017, 34, 3301-3310.	1.7	19
31	Neurocognitive profiles of marginally housed persons with comorbid substance dependence, viral infection, and psychiatric illness. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 1009-1022.	0.8	18
32	Antipsychotic Medications: Linking Receptor Antagonism to Neuropsychological Functioning in First Episode Psychosis. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 717-727.	1.2	16
33	Relationship between body mass index and hippocampal glutamate/glutamine in bipolar disorder. <i>British Journal of Psychiatry</i> , 2016, 208, 146-152.	1.7	16
34	Cerebral Small Vessel Disease, Risk Factors, and Cognition in Tenants of Precarious Housing. <i>Stroke</i> , 2020, 51, 3271-3278.	1.0	16
35	Short-term stability of T 1 and T 2 relaxation measures in multiple sclerosis normal appearing white matter. <i>Journal of Neurology</i> , 2012, 259, 1151-1158.	1.8	15
36	Microbleeds in Alzheimerâ€™s Disease: A Neuropsychological Overview and Meta-Analysis. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 753-759.	0.3	14

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37	Parcellation of the human hippocampus based on gray matter volume covariance: Replicable results on healthy young adults. <i>Human Brain Mapping</i> , 2019, 40, 3738-3752.	1.9	14
38	Structural brain markers are differentially associated with neurocognitive profiles in socially marginalized people with multimorbid illness. <i>Neuropsychology</i> , 2017, 31, 28-43.	1.0	13
39	Effects of Aerobic, Resistance, and Combined Exercise Training on Psychiatric Symptom Severity and Related Health Measures in Adults Living With Schizophrenia: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 753117.	1.1	13
40	Characterization of white matter integrity deficits in cocaine-dependent individuals with substance-induced psychosis compared with non-psychotic cocaine users. <i>Addiction Biology</i> , 2017, 22, 873-881.	1.4	12
41	Cognitive Impairment in Marginally Housed Youth: Prevalence and Risk Factors. <i>Frontiers in Public Health</i> , 2019, 7, 270.	1.3	12
42	Management of Medication-Related Cardiometabolic Risk in Patients with Severe Mental Illness. <i>Current Cardiovascular Risk Reports</i> , 2013, 7, 283-287.	0.8	11
43	Assessment of arterial stiffness among schizophrenia-spectrum disorders using aortic pulse wave velocity and arterial compliance: A pilot study. <i>Psychiatry Research</i> , 2014, 215, 14-19.	1.7	11
44	Prevalence and Risk Factors of Brain Infarcts and Associations With Cognitive Performance in Tenants of Marginal Housing. <i>Journal of the American Heart Association</i> , 2019, 8, e011412.	1.6	11
45	Personalized Risk Assessment of Drug-Related Harm Is Associated with Health Outcomes. <i>PLoS ONE</i> , 2013, 8, e79754.	1.1	10
46	Subcortical grey matter alterations in cocaine dependent individuals with substance-induced psychosis compared to non-psychotic cocaine users. <i>Schizophrenia Research</i> , 2016, 176, 158-163.	1.1	10
47	Structural brain changes in first episode mania with and without psychosis: Data from the Systematic Treatment Optimization Program for Early Mania (STOP-EM). <i>World Journal of Biological Psychiatry</i> , 2018, 19, S30-S40.	1.3	10
48	A comparison of regional brain volumes and white matter connectivity in subjects with stimulant induced psychosis versus schizophrenia. <i>Psychopharmacology</i> , 2019, 236, 3385-3399.	1.5	10
49	Effects of Exercise on Serum Triglycerides and Symptoms of Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2017, 37, 273-274.	0.7	9
50	Subcortical structural volumes in recently remitted first episode mania. <i>Journal of Affective Disorders</i> , 2017, 222, 23-27.	2.0	9
51	Cognitive profiles and associated structural brain networks in a multimorbid sample of marginalized adults. <i>PLoS ONE</i> , 2019, 14, e0218201.	1.1	9
52	Volumes of the Hippocampal Formation Differentiate Component Processes of Memory in a Community Sample of Homeless and Marginally Housed Persons. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 548-562.	0.3	9
53	Medial temporal lobe cortical changes in response to exercise interventions in people with early psychosis: A randomized controlled trial. <i>Schizophrenia Research</i> , 2020, 223, 87-95.	1.1	9
54	Characterizing Traumatic Brain Injury and Its Association with Losing Stable Housing in a Community-based Sample. <i>Canadian Journal of Psychiatry</i> , 2022, 67, 207-215.	0.9	9

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55	Reduced cardiovascular fitness associated with exposure to clozapine in individuals with chronic schizophrenia. <i>Psychiatry Research</i> , 2018, 262, 28-33.	1.7	8
56	Diffusion tensor imaging of neurocognitive profiles in a community cohort living in marginal housing. <i>Brain and Behavior</i> , 2019, 9, e01233.	1.0	7
57	Differential effects of cannabis exposure during early versus later adolescence on the expression of psychosis in homeless and precariously housed adults. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110084.	2.5	7
58	Verbal memory improvement in first-episode psychosis & APOE-ε4 carriers: a pleiotropic effect?. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 2945-2953.	1.0	6
59	Musical deficits and cortical thickness in people with schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 233-239.	1.1	6
60	Amygdala Nuclei Volumes Are Selectively Associated With Social Network Size in Homeless and Precariously Housed Persons. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 97.	1.0	6
61	Prenatal tobacco exposure in first-episode psychosis. <i>Schizophrenia Research</i> , 2010, 119, 271-272.	1.1	5
62	Heart-rate response to alpha2-adrenergic receptor antagonism by antipsychotics. <i>Clinical Autonomic Research</i> , 2017, 27, 407-410.	1.4	5
63	Characterization of Bodily Pain and Use of Both Prescription and Non-Prescription Opioids in Tenants of Precarious Housing. <i>Substance Use and Misuse</i> , 2021, 56, 1951-1961.	0.7	5
64	Pain, opioid use, depressive symptoms, and mortality in adults living in precarious housing or homelessness: a longitudinal prospective study. <i>Pain</i> , 2022, 163, 2213-2223.	2.0	4
65	MAG Gene Variation and Cortical Gray Matter Volume in First Episode Schizophrenia. <i>Brain Imaging and Behavior</i> , 2008, 2, 117-122.	1.1	3
66	Dynamic networks of psychotic symptoms in adults living in precarious housing or homelessness. <i>Psychological Medicine</i> , 2021, , 1-11.	2.7	3
67	Exercise and Worsening of Extrapyrimal Symptoms during Treatment with Long-Acting Injectable Antipsychotics. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 123.	0.6	3
68	Traumatic brain injury in precariously housed persons: Incidence and risks. <i>EClinicalMedicine</i> , 2022, 44, 101277.	3.2	3
69	Risk factors for hippocampal cavities in a marginally housed population. <i>Hippocampus</i> , 2022, 32, 567-576.	0.9	3
70	Psychometric properties and correlates of the Beck Depression Inventory in a community-based and homeless or precariously housed sample. <i>Journal of Affective Disorders Reports</i> , 2021, 6, 100229.	0.9	2
71	Exercise-associated extrapyramidal symptoms during treatment with long-acting injectable antipsychotic medications: A case report. <i>Clinical Schizophrenia and Related Psychoses</i> , 2017, , .	1.4	2
72	First episode psychosis with extrapyramidal signs prior to antipsychotic drug treatment. <i>Science Bulletin</i> , 2011, 56, 3361-3371.	1.7	1

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73	Sylvian fissure and middle cranial fossae asymmetries in families with schizophrenia. <i>Schizophrenia Research</i> , 1997, 24, 150.	1.1	0
74	Decreased medial entorhinal cortical thickness in olanzapine exposed female rats is not ameliorated by exercise. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 188, 172834.	1.3	0
75	Component Processes of Decision Making in a Community Sample of Precariously Housed Persons: Associations With Learning and Memory, and Health-Risk Behaviors. <i>Frontiers in Psychology</i> , 2021, 12, 571423.	1.1	0