

Amanda E Lyall

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,268
citations

623574

14
h-index

395590

33
g-index

42
all docs

42
docs citations

42
times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	4.1	522
2	White matter abnormalities across the lifespan of schizophrenia: a harmonized multi-site diffusion MRI study. <i>Molecular Psychiatry</i> , 2020, 25, 3208-3219.	4.1	115
3	Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. <i>NeuroImage: Clinical</i> , 2018, 17, 642-649.	1.4	62
4	Characterizing white matter changes in chronic schizophrenia: A free-water imaging multi-site study. <i>Schizophrenia Research</i> , 2017, 189, 153-161.	1.1	56
5	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 762-771.	2.3	45
6	Neuroepigenetic signatures of age and sex in the living human brain. <i>Nature Communications</i> , 2019, 10, 2945.	5.8	36
7	Neural correlates of cognitive deficits across developmental phases of schizophrenia. <i>Neurobiology of Disease</i> , 2019, 131, 104353.	2.1	35
8	Childhood adversity associated with white matter alteration in the corpus callosum, corona radiata, and uncinate fasciculus of psychiatrically healthy adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 449-458.	1.1	34
9	A comparison of three fiber tract delineation methods and their impact on white matter analysis. <i>NeuroImage</i> , 2018, 178, 318-331.	2.1	32
10	Cell type-specific manifestations of cortical thickness heterogeneity in schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 2052-2060.	4.1	29
11	Baseline Cortical Thickness Reductions in Clinical High Risk for Psychosis: Brain Regions Associated with Conversion to Psychosis Versus Non-Conversion as Assessed at One-Year Follow-Up in the Shanghai-At-Risk-for-Psychosis (SHARP) Study. <i>Schizophrenia Bulletin</i> , 2021, 47, 562-574.	2.3	25
12	Patients with chronic bipolar disorder exhibit widespread increases in extracellular free water. <i>Bipolar Disorders</i> , 2018, 20, 523-530.	1.1	24
13	Neuroimaging auditory verbal hallucinations in schizophrenia patient and healthy populations. <i>Psychological Medicine</i> , 2020, 50, 403-412.	2.7	21
14	Abnormal white matter connections between medial frontal regions predict symptoms in patients with first episode schizophrenia. <i>Cortex</i> , 2015, 71, 264-276.	1.1	20
15	Studying pre-treatment and ketamine-induced changes in white matter microstructure in the context of ketamine's antidepressant effects. <i>Translational Psychiatry</i> , 2020, 10, 432.	2.4	20
16	Investigating Sexual Dimorphism of Human White Matter in a Harmonized, Multisite Diffusion Magnetic Resonance Imaging Study. <i>Cerebral Cortex</i> , 2021, 31, 201-212.	1.6	19
17	Improving the predictive potential of diffusion MRI in schizophrenia using normative models—Towards subject-level classification. <i>Human Brain Mapping</i> , 2021, 42, 4658-4670.	1.9	18
18	Elucidating the relationship between white matter structure, demographic, and clinical variables in schizophrenia—a multicenter harmonized diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2021, 26, 5357-5370.	4.1	17

#	ARTICLE	IF	CITATIONS
19	Alteration of gray matter microstructure in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 54-63.	1.1	16
20	White matter changes in psychosis risk relate to development and are not impacted by the transition to psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 6833-6844.	4.1	15
21	White matter abnormalities in long-term anabolic-androgenic steroid users: A pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 260, 1-5.	0.9	14
22	Cellular and extracellular white matter alterations indicate conversion to psychosis among individuals at clinical high-risk for psychosis. <i>World Journal of Biological Psychiatry</i> , 2020, 22, 1-14.	1.3	13
23	Developmental stage-dependent relationships between ghrelin levels and hippocampal white matter connections in low-weight anorexia nervosa and atypical anorexia nervosa. <i>Psychoneuroendocrinology</i> , 2020, 119, 104722.	1.3	12
24	Miswiring of Frontostriatal Projections in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 990-998.	2.3	12
25	Association between peripheral inflammation and free-water imaging in Major Depressive Disorder before and after ketamine treatment – A pilot study. <i>Journal of Affective Disorders</i> , 2022, 314, 78-85.	2.0	9
26	Antipsychotics and Their Impact on Cerebral White Matter: Part of the Problem or Part of the Solution?. <i>American Journal of Psychiatry</i> , 2018, 175, 1056-1057.	4.0	8
27	Quantifying Genetic and Environmental Influence on Gray Matter Microstructure Using Diffusion MRI. <i>Cerebral Cortex</i> , 2020, 30, 6191-6205.	1.6	8
28	Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 386-395.	2.3	7
29	Sex-Related Differences in White Matter Asymmetry and Its Implications for Verbal Working Memory in Psychosis High-Risk State. <i>Frontiers in Psychiatry</i> , 2021, 12, 686967.	1.3	7
30	A 16-week randomized placebo-controlled trial investigating the effects of omega-3 polyunsaturated fatty acid treatment on white matter microstructure in recent-onset psychosis patients concurrently treated with risperidone. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111219.	0.9	5
31	Longitudinal trajectory of response to electroconvulsive therapy associated with transient immune response & white matter alteration post-stimulation. <i>Translational Psychiatry</i> , 2022, 12, 191.	2.4	4
32	Shared and distinct white matter abnormalities in adolescent-onset schizophrenia and adolescent-onset psychotic bipolar disorder. <i>Psychological Medicine</i> , 2023, 53, 4707-4719.	2.7	4
33	Insights into the Brain: Neuroimaging of Brain Development and Maturation. <i>Journal of Neuroimaging in Psychiatry & Neurology</i> , 2016, 1, 10-19.	0.4	2
34	Diffusion Magnetic Resonance Imaging Advances the Study of Nuclei-Specific Thalamocortical Connectivity in Early Stage Psychosis. <i>Biological Psychiatry</i> , 2019, 85, 10-12.	0.7	1
35	T201. THE STUDY OF WHITE MATTER MATURATION IN THREE POPULATIONS OF GENETIC HIGH RISK FOR SCHIZOPHRENIA INDIVIDUALS SPANNING THE DEVELOPMENTAL TIMELINE. <i>Schizophrenia Bulletin</i> , 2018, 44, S194-S195.	2.3	0
36	T14. FUNCTIONAL AND STRUCTURAL CONNECTIVITY IN SUBJECTS AT HIGH RISK FOR PSYCHOSIS AS A POSSIBLE BIOMARKER FOR THEIR TRANSITION TO SCHIZOPHRENIA – A COMBINED EEG AND DTI STUDY. <i>Schizophrenia Bulletin</i> , 2019, 45, S208-S209.	2.3	0

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37	T95. FREE WATER IMAGING REVEALS DIFFERENTIAL PATTERNS OF WHITE MATTER ALTERATIONS IN INDIVIDUALS WITH ADOLESCENT-ONSET SCHIZOPHRENIA AND BIPOLAR DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S240-S241.	2.3	0
38	O10.2. EFFECTS OF ADJUVANT OMEGA-3 POLYUNSATURATED FATTY ACIDS ON WHITE MATTER IN INDIVIDUALS WITH RECENT-ONSET PSYCHOSIS TREATED CONCURRENTLY WITH RISPERIDONE. <i>Schizophrenia Bulletin</i> , 2019, 45, S190-S190.	2.3	0
39	O7.1. ABNORMAL DEVELOPMENT, FAULTY MATURATION OR ACCELERATED AGING? â€œWHITE MATTER AT THE CENTER STAGE OF SCHIZOPHRENIAâ€•REVISITED. <i>Schizophrenia Bulletin</i> , 2019, 45, S178-S179.	2.3	0
40	S157. A MULTICENTER HARMONIZED DIFFUSION TENSOR IMAGING STUDY ON THE ASSOCIATION OF WHITE MATTER STRUCTURE AND CLINICAL FUNCTIONING. <i>Schizophrenia Bulletin</i> , 2020, 46, S95-S96.	2.3	0
41	Meta-analysis of structural MRI studies in anorexia nervosa and the role of recovery: a systematic review protocol. <i>Systematic Reviews</i> , 2021, 10, 247.	2.5	0