

Tyler A Lesh

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,114
citations

257450

24
h-index

243625

44
g-index

65
all docs

65
docs citations

65
times ranked

3477
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Control Deficits in Schizophrenia: Mechanisms and Meaning. <i>Neuropsychopharmacology</i> , 2011, 36, 316-338.	5.4	409
2	Proactive and reactive cognitive control and dorsolateral prefrontal cortex dysfunction in first episode schizophrenia. <i>NeuroImage: Clinical</i> , 2013, 2, 590-599.	2.7	148
3	A Multimodal Analysis of Antipsychotic Effects on Brain Structure and Function in First-Episode Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 226.	11.0	146
4	Functional and Neuroanatomic Specificity of Episodic Memory Dysfunction in Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 909.	11.0	104
5	Cytokine alterations in first-episode schizophrenia and bipolar disorder: relationships to brain structure and symptoms. <i>Journal of Neuroinflammation</i> , 2018, 15, 165.	7.2	104
6	Utility of Imaging-Based Biomarkers for Glutamate-Targeted Drug Development in Psychotic Disorders. <i>JAMA Psychiatry</i> , 2018, 75, 11.	11.0	88
7	The neural circuitry supporting goal maintenance during cognitive control: a comparison of expectancy AX-CPT and dot probe expectancy paradigms. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 164-175.	2.0	61
8	Control-related frontal-striatal function is associated with past suicidal ideation and behavior in patients with recent-onset psychotic major mood disorders. <i>Journal of Affective Disorders</i> , 2015, 188, 202-209.	4.1	59
9	The Development of the Neural Substrates of Cognitive Control in Adolescents with Autism Spectrum Disorders. <i>Biological Psychiatry</i> , 2014, 76, 412-421.	1.3	55
10	Remember and know judgments during recognition in chronic schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 181-190.	2.0	49
11	Impaired context processing as a potential marker of psychosis risk state. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 13-20.	1.8	47
12	Frontal cortex control dysfunction related to long-term suicide risk in recent-onset schizophrenia. <i>Schizophrenia Research</i> , 2014, 157, 19-25.	2.0	45
13	RT distributional analysis of cognitive-control-related brain activity in first-episode schizophrenia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 175-188.	2.0	44
14	Sensitivity to Referential Ambiguity in Discourse: The Role of Attention, Working Memory, and Verbal Ability. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2309-2323.	2.3	42
15	Levels of Cognitive Control: A Functional Magnetic Resonance Imaging-Based Test of an RDoC Domain Across Bipolar Disorder and Schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 598-606.	5.4	41
16	Thresholds, Power, and Sample Sizes in Clinical Neuroimaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 99-100.	1.5	37
17	Functional network changes and cognitive control in schizophrenia. <i>NeuroImage: Clinical</i> , 2017, 15, 161-170.	2.7	37
18	Feedback-Driven Trial-by-Trial Learning in Autism Spectrum Disorders. <i>American Journal of Psychiatry</i> , 2015, 172, 173-181.	7.2	36

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19	Conflict-related anterior cingulate functional connectivity is associated with past suicidal ideation and behavior in recent-onset schizophrenia. <i>Journal of Psychiatric Research</i> , 2015, 65, 95-101.	3.1	32
20	Preliminary evidence of increased striatal dopamine in a nonhuman primate model of maternal immune activation. <i>Translational Psychiatry</i> , 2019, 9, 135.	4.8	32
21	Impact of schizophrenia on anterior and posterior hippocampus during memory for complex scenes. <i>NeuroImage: Clinical</i> , 2017, 13, 82-88.	2.7	31
22	Extracellular free water and glutathione in first-episode psychosis—a multimodal investigation of an inflammatory model for psychosis. <i>Molecular Psychiatry</i> , 2021, 26, 761-771.	7.9	30
23	Maternal Immune Activation during Pregnancy Alters Postnatal Brain Growth and Cognitive Development in Nonhuman Primate Offspring. <i>Journal of Neuroscience</i> , 2021, 41, 9971-9987.	3.6	29
24	A multicenter study of ketamine effects on functional connectivity: Large scale network relationships, hubs and symptom mechanisms. <i>NeuroImage: Clinical</i> , 2019, 22, 101739.	2.7	27
25	Reaction Time Variability and Related Brain Activity in Methamphetamine Psychosis. <i>Biological Psychiatry</i> , 2015, 77, 465-474.	1.3	26
26	Task-evoked substantia nigra hyperactivity associated with prefrontal hypofunction, prefrontonigral disconnectivity and nigrostriatal connectivity predicting psychosis severity in medication naïve first episode schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 521-526.	2.0	25
27	Association of Age at Onset and Longitudinal Course of Prefrontal Function in Youth With Schizophrenia. <i>JAMA Psychiatry</i> , 2018, 75, 1252.	11.0	25
28	Conflict-Related Anterior Cingulate Functional Connectivity Is Associated With Past Suicidal Ideation and Behavior in Recent-Onset Psychotic Major Mood Disorders. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2016, 28, 299-305.	1.8	24
29	Atypical Learning in Autism Spectrum Disorders: A Functional Magnetic Resonance Imaging Study of Transitive Inference. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 947-955.	0.5	22
30	Cognitive Control of Episodic Memory in Schizophrenia: Differential Role of Dorsolateral and Ventrolateral Prefrontal Cortex. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 604.	2.0	20
31	Electrophysiological Evidence for Impaired Control of Motor Output in Schizophrenia. <i>Cerebral Cortex</i> , 2016, 26, 1891-1899.	2.9	19
32	Baseline Frontoparietal Task-Related BOLD Activity as a Predictor of Improvement in Clinical Symptoms at 1-Year Follow-Up in Recent-Onset Psychosis. <i>American Journal of Psychiatry</i> , 2019, 176, 839-845.	7.2	19
33	Reduced in vivo visual cortex GABA in schizophrenia, a replication in a recent onset sample. <i>Schizophrenia Research</i> , 2020, 215, 217-222.	2.0	18
34	Spared and Impaired Spoken Discourse Processing in Schizophrenia: Effects of Local and Global Language Context. <i>Journal of Neuroscience</i> , 2013, 33, 15578-15587.	3.6	17
35	Disrupted GABAergic facilitation of working memory performance in people with schizophrenia. <i>NeuroImage: Clinical</i> , 2020, 25, 102127.	2.7	16
36	Frontal Motor Cortex Activity During Reactive Control Is Associated With Past Suicidal Behavior in Recent-Onset Schizophrenia. <i>Crisis</i> , 2015, 36, 363-370.	1.2	15

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37	Longitudinal stability of cognitive control in early psychosis: Nondegenerative deficits across diagnoses.. Journal of Abnormal Psychology, 2018, 127, 781-788.	1.9	15
38	Latent Profiles of Cognitive Control, Episodic Memory, and Visual Perception Across Psychiatric Disorders Reveal a Dimensional Structure. Schizophrenia Bulletin, 2020, 46, 154-162.	4.3	14
39	Language context processing deficits in schizophrenia: The role of attentional engagement. Neuropsychologia, 2017, 96, 262-273.	1.6	12
40	One-Year Stability of Frontoparietal Cognitive Control Network Connectivity in Recent Onset Schizophrenia: A Task-Related 3T fMRI Study. Schizophrenia Bulletin, 2020, 46, 1249-1258.	4.3	11
41	Brain free water alterations in first-episode psychosis: a longitudinal analysis of diagnosis, course of illness, and medication effects. Psychological Medicine, 2021, 51, 1001-1010.	4.5	11
42	Elevated Extracellular Free-Water in a Multicentric First-Episode Psychosis Sample, Decrease During the First 2 Years of Illness. Schizophrenia Bulletin, 2020, 46, 846-856.	4.3	10
43	Delay discounting abnormalities are seen in first-episode schizophrenia but not in bipolar disorder. Schizophrenia Research, 2020, 216, 200-206.	2.0	10
44	Task-specific Disruptions in Theta Oscillations during Working Memory for Temporal Order in People with Schizophrenia. Journal of Cognitive Neuroscience, 2020, 32, 2117-2130.	2.3	10
45	Improvement in prefrontal thalamic connectivity during the early course of the illness in recent-onset psychosis: a 12-month longitudinal follow-up resting-state fMRI study. Psychological Medicine, 2022, 52, 2713-2721.	4.5	10
46	Schizophrenia and bipolar disorder are associated with opposite brain reward anticipation-associated response. Neuropsychopharmacology, 2021, 46, 1152-1160.	5.4	9
47	Acceptability of Psychosis Screening and Factors Affecting Its Implementation: Interviews With Community Health Care Providers. Psychiatric Services, 2018, 69, 689-695.	2.0	8
48	Differential Macrophage Responses in Affective Versus Non-Affective First-Episode Psychosis Patients. Frontiers in Cellular Neuroscience, 2021, 15, 583351.	3.7	6
49	F64. EXPLORING THE ROLE OF EMOTION DYSREGULATION AND IMPULSIVITY ON SUICIDAL IDEATION AND BEHAVIOR WITHIN AN EARLY PSYCHOSIS POPULATION. Schizophrenia Bulletin, 2019, 45, S279-S279.	4.3	5
50	T76. RETROSPECTIVE ADHD SYMPTOMS IN EARLY PSYCHOSIS: RELATION TO CURRENT CLINICAL SYMPTOMS AND PSYCHOSOCIAL FUNCTIONING. Schizophrenia Bulletin, 2020, 46, S260-S261.	4.3	2
51	4.2 A TECHNOLOGY-ENHANCED INTERVENTION TO REDUCE THE DURATION OF UNTREATED PSYCHOSIS THROUGH RAPID IDENTIFICATION & ENGAGEMENT. Schizophrenia Bulletin, 2018, 44, S4-S4.	4.3	1
52	Memory Based Prediction Deficits and Dorsolateral Prefrontal Dysfunction in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, , .	1.5	1
53	630. Free Water Alterations in the First Episode Psychosis: A 12-Month Longitudinal Study. Biological Psychiatry, 2017, 81, S255.	1.3	0
54	240. Extracellular Free Water and Glutathione in First Episode Schizophrenia and a Non-Human Primate Model of Maternal Immune Activation â€œ Exploring Neuroimmune Mechanisms of Psychiatric Disorders. Biological Psychiatry, 2018, 83, S97.	1.3	0

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55	O2.6. A TWO-YEAR LONGITUDINAL EVALUATION OF DIFFUSION MEASURES OF EXTRACELLULAR FREE WATER IN A NON-HUMAN PRIMATE MODEL OF MATERNAL IMMUNE ACTIVATION “ EXPLORING NEUROIMMUNE MECHANISMS OF PSYCHIATRIC DISORDERS. <i>Schizophrenia Bulletin</i> , 2019, 45, S164-S165.	4.3	0
56	O10.6. PRECISION MEDICINE FOR EARLY PSYCHOSIS COORDINATED SPECIALTY CARE: BASELINE FRONTOPIRIETAL TASK-RELATED BOLD ACTIVITY PREDICTS CLINICAL IMPROVEMENT AT ONE YEAR FOLLOW-UP IN YOUNG PEOPLE WITH RECENT ONSET PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2019, 45, S192-S192.	4.3	0
57	O5.4. THALAMIC CONNECTIVITY IN EARLY PSYCHOSIS DURING TASK AND AT REST. <i>Schizophrenia Bulletin</i> , 2020, 46, S12-S12.	4.3	0
58	Components of Executive Control in Autism Spectrum Disorder: A Functional Magnetic Resonance Imaging Examination of Dual-Mechanism Accounts. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 792-801.	1.5	0
59	Relationships Between Reward-Based Decision Making and Activation in a Frontal-Striatal Network in Schizophrenia vs. Bipolar Disorder. <i>Biological Psychiatry</i> , 2021, 89, S176-S177.	1.3	0
60	Absence of altered in vivo concentration of dorsolateral prefrontal cortex GABA in recent onset schizophrenia. <i>Schizophrenia Research</i> , 2021, 243, 383-383.	2.0	0
61	Alternated Neurodevelopment and Immune Function a Nonhuman Primate Model of Maternal Immune Activation. <i>Biological Psychiatry</i> , 2020, 87, S251.	1.3	0
62	Relationship of Striatal Presynaptic Dopamine to Midbrain Neuromelanin in a Nonhuman Primate Model of Maternal Immune Activation. <i>Biological Psychiatry</i> , 2022, 91, S60-S61.	1.3	0
63	P588. Exploring the Neural Correlates of Sense of Agency Deficits in Psychosis: A DTI Study. <i>Biological Psychiatry</i> , 2022, 91, S327-S328.	1.3	0