Randall Espinoza

List of Publications by Year
in descending order

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63 papers	2,096 citations	257450 24 h-index	254184 43 g-index
66 all docs	66 docs citations	66 times ranked	1987 citing authors

#	Article	IF	Citations
1	Structural Plasticity of the Hippocampus and Amygdala Induced by Electroconvulsive Therapy in Major Depression. Biological Psychiatry, 2016, 79, 282-292.	1.3	241
2	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. Biological Psychiatry, 2018, 84, 574-581.	1.3	138
3	Neurochemical correlates of rapid treatment response to electroconvulsive therapy in patients with major depression. Journal of Psychiatry and Neuroscience, 2017, 42, 6-16.	2.4	108
4	Electroconvulsive therapy and structural neuroplasticity in neocortical, limbic and paralimbic cortex. Translational Psychiatry, 2016, 6, e832-e832.	4.8	91
5	Potential surgical targets for deep brain stimulation in treatment-resistant depression. Neurosurgical Focus, 2008, 25, E3.	2.3	83
6	Electroconvulsive Therapy. New England Journal of Medicine, 2022, 386, 667-672.	27.0	81
7	Effect of Electroconvulsive Therapy on Striatal Morphometry in Major Depressive Disorder. Neuropsychopharmacology, 2016, 41, 2481-2491.	5.4	74
8	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. Biological Psychiatry, 2020, 87, 451-461.	1.3	72
9	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. NeuroImage: Clinical, 2017, 14, 422-432.	2.7	68
10	Interaction of Serotonergic Antidepressants and Opioid Analgesics: Is Serotonin Syndrome Going Undetected?. Journal of the American Medical Directors Association, 2005, 6, 265-269.	2.5	65
11	Inflammation and Improvement of Depression Following Electroconvulsive Therapy in Treatment-Resistant Depression. Journal of Clinical Psychiatry, 2018, 79, 17m11597.	2.2	63
12	Fronto-Temporal Connectivity Predicts ECT Outcome in Major Depression. Frontiers in Psychiatry, 2018, 9, 92.	2.6	58
13	Electric field causes volumetric changes in the human brain. ELife, 2019, 8, .	6.0	57
14	Neuromodulation for Depression. Neurosurgery Clinics of North America, 2014, 25, 103-116.	1.7	52
15	Modulation of Intrinsic Brain Activity by Electroconvulsive Therapy in Major Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 77-86.	1.5	50
16	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. Neuropsychopharmacology, 2018, 43, 1078-1087.	5.4	49
17	Short- and Long-term Cognitive Outcomes in Patients With Major Depression Treated With Electroconvulsive Therapy. Journal of ECT, 2017, 33, 278-285.	0.6	48
18	Modulation of amygdala reactivity following rapidly acting interventions for major depression. Human Brain Mapping, 2020, 41, 1699-1710.	3.6	46

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19	Structural connectivity and response to ketamine therapy in major depression: A preliminary study. Journal of Affective Disorders, 2016, 190, 836-841.	4.1	44
20	Mechanisms of Antidepressant Response to Electroconvulsive Therapy Studied With Perfusion Magnetic Resonance Imaging. Biological Psychiatry, 2019, 85, 466-476.	1.3	43
21	Electroconvulsive Therapy During COVID-19. Journal of ECT, 2020, 36, 78-79.	0.6	41
22	Desynchronization and Plasticity of Striato-frontal Connectivity in Major Depressive Disorder. Cerebral Cortex, 2016, 26, 4337-4346.	2.9	37
23	Using probabilistic tractography to target the subcallosal cingulate cortex in patients with treatment resistant depression. Psychiatry Research - Neuroimaging, 2017, 261, 72-74.	1.8	32
24	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. Brain Stimulation, 2020, 13, 696-704.	1.6	31
25	Single and repeated ketamine treatment induces perfusion changes in sensory and limbic networks in major depressive disorder. European Neuropsychopharmacology, 2020, 33, 89-100.	0.7	27
26	Preliminary prediction of individual response to electroconvulsive therapy using whole-brain functional magnetic resonance imaging data. NeuroImage: Clinical, 2020, 26, 102080.	2.7	26
27	Modulation of inhibitory control networks relate to clinical response following ketamine therapy in major depression. Translational Psychiatry, 2020, 10, 260.	4.8	25
28	Hippocampal subregions and networks linked with antidepressant response to electroconvulsive therapy. Molecular Psychiatry, 2021, 26, 4288-4299.	7.9	25
29	Parsing the Network Mechanisms of Electroconvulsive Therapy. Biological Psychiatry, 2022, 92, 193-203.	1.3	24
30	Inflammation and depression treatment response to electroconvulsive therapy: Sex-specific role of interleukin-8. Brain, Behavior, and Immunity, 2020, 89, 59-66.	4.1	23
31	Depression treatment response to ketamine: sex-specific role of interleukin-8, but not other inflammatory markers. Translational Psychiatry, 2021, 11, 167.	4.8	22
32	Inter and intra-hemispheric structural imaging markers predict depression relapse after electroconvulsive therapy: a multisite study. Translational Psychiatry, 2017, 7, 1270.	4.8	21
33	Electroconvulsive therapy treatment responsive multimodal brain networks. Human Brain Mapping, 2020, 41, 1775-1785.	3.6	20
34	Modulation of the functional connectome in major depressive disorder by ketamine therapy. Psychological Medicine, 2022, 52, 2596-2605.	4.5	20
35	Variations in Hippocampal White Matter Diffusivity Differentiate Response to Electroconvulsive Therapy in Major Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 300-309.	1.5	17
36	Variations in myo-inositol in fronto-limbic regions and clinical response to electroconvulsive therapy in major depression. Journal of Psychiatric Research, 2016, 80, 45-51.	3.1	16

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37	Effects of Serial Ketamine Infusions on Corticolimbic Functional Connectivity in Major Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 735-744.	1.5	15
38	Dynamic Functional Connectivity Predicts Treatment Response to Electroconvulsive Therapy in Major Depressive Disorder. Frontiers in Human Neuroscience, 2021, 15, 689488.	2.0	15
39	The Utility of PET Brain Imaging in the Initial Evaluation of Dementia. Journal of the American Medical Directors Association, 2007, 8, 150-157.	2.5	14
40	Depressive Symptom Dimensions in Treatment-Resistant Major Depression and Their Modulation With Electroconvulsive Therapy. Journal of ECT, 2020, 36, 123-129.	0.6	12
41	Interleukin-8 and lower severity of depression in females, but not males, with treatment-resistant depression. Journal of Psychiatric Research, 2021, 140, 350-356.	3.1	12
42	Modulation of brain networks during MR-compatible transcranial direct current stimulation. NeuroImage, 2022, 250, 118874.	4.2	11
43	Random forest classification of depression status based on subcortical brain morphometry following electroconvulsive therapy. , 2015, 2015, 92-96.		10
44	Ketamineâ€™s modulation of cerebro-cerebellar circuitry during response inhibition in major depression. NeuroImage: Clinical, 2021, 32, 102792.	2.7	10
45	Accounting for symptom heterogeneity can improve neuroimaging models of antidepressant response after electroconvulsive therapy. Human Brain Mapping, 2021, 42, 5322-5333.	3.6	9
46	Acute changes in cerebral blood flow after single-infusion ketamine in major depression: A pilot study. Neurology Psychiatry and Brain Research, 2020, 38, 5-11.	2.0	8
47	Medicare, Medicaid, and Mental Health Care. JAMA - Journal of the American Medical Association, 2015, 314, 2231.	7.4	7
48	Clarifying the Relationship Between Benzodiazepines and Dementia. Journal of the American Medical Directors Association, 2020, 21, 143-145.	2.5	6
49	Subcallosal Cingulate Structural Connectivity Differs in Responders and Nonresponders to Electroconvulsive Therapy. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 10-19.	1.5	5
50	Whole-Brain Functional Connectivity Dynamics Associated With Electroconvulsive Therapy Treatment Response. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 312-322.	1.5	5
51	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. Journal of Psychiatry and Neuroscience, 2021, 46, E418-E426.	2.4	4
52	Longitudinal trajectory of response to electroconvulsive therapy associated with transient immune response & white matter alteration post-stimulation. Translational Psychiatry, 2022, 12, 191.	4.8	4
53	Use of Dexmedetomidine for Prevention of Post-Ictal Agitation after Electroconvulsive Therapy in the Elderly versus the Young. American Journal of Geriatric Psychiatry, 2014, 22, S76.	1.2	3
54	Anterior default mode network and posterior insular connectivity is predictive of depressive symptom reduction following serial ketamine infusion. Psychological Medicine, 2022, , 1-11.	4.5	2

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55	Electroconvulsive Therapy in the Long-term Care Setting: An Overview of Controversies in Practice. Journal of the American Medical Directors Association, 2003, 4, 40-44.	2.5	1
56	THE EFFECT OF RISPERIDONE ON NURSING BURDEN ASSOCIATED WITH CARING FOR PATIENTS WITH DEMENTIA. Journal of the American Geriatrics Society, 2005, 53, 1261-1262.	2.6	1
57	Assessing Antipsychotic Effectiveness in Dementia: A Factor Analysis Approach. Journal of the American Medical Directors Association, 2003, 4, 113-114.	2.5	0
58	Electroconvulsive Therapy in the Long-term Care Setting: An Overview of Controversies in Practice. Journal of the American Medical Directors Association, 2004, 5, S54-S58.	2.5	0
59	Response to Letter From Dr. P.K. Gillman. Journal of the American Medical Directors Association, 2005, 6, 423-425.	2.5	0
60	Delusional Parasitosis In The Elderly: A Condition In Which Psychiatry, Neurology, and Endocrinology May Intersect. American Journal of Geriatric Psychiatry, 2014, 22, S94-S95.	1.2	0
61	On The Move: Home-Based Experiences and Educational Milestones in Geriatric Psychiatry Fellowship. American Journal of Geriatric Psychiatry, 2014, 22, S26.	1.2	0
62	Gauging Interest in Geriatric Psychiatry Among Psychiatry Residents - Factors and Outcomes. American Journal of Geriatric Psychiatry, 2015, 23, S78-S79.	1.2	0
63	Depression and Anxiety in the Older Patient with Cancer. , 2012, , 133-152.		0