Don C Rojas

List of Publications by Year
in descending order

107	4,782	87888	106344
papers	citations	38 h-index	65 g-index

111	111	111	5806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. BMC Psychiatry, 2006, 6, 56.	2.6	306
2	Children and Adolescents with Autism Exhibit Reduced MEG Steady-State Gamma Responses. Biological Psychiatry, 2007, 62, 192-197.	1.3	299
3	The role of glutamate and its receptors in autism and the use of glutamate receptor antagonists in treatment. Journal of Neural Transmission, 2014, 121, 891-905.	2.8	156
4	Decreased left perisylvian GABA concentration in children with autism and unaffected siblings. NeuroImage, 2014, 86, 28-34.	4.2	154
5	Hippocampus and Amygdala Volumes in Parents of Children With Autistic Disorder. American Journal of Psychiatry, 2004, 161, 2038-2044.	7.2	149
6	Î³-band abnormalities as markers of autism spectrum disorders. Biomarkers in Medicine, 2014, 8, 353-368.	1.4	141
7	Smaller left hemisphere planum temporale in adults with autistic disorder. Neuroscience Letters, 2002, 328, 237-240.	2.1	140
8	Reduced neural synchronization of gamma-band MEG oscillations in first-degree relatives of children with autism. BMC Psychiatry, 2008, 8, 66.	2.6	139
9	Increased hemodynamic response in the hippocampus, thalamus and prefrontal cortex during abnormal sensory gating in schizophrenia. Schizophrenia Research, 2007, 92, 262-272.	2.0	130
10	The Effects of Overfeeding on the Neuronal Response to Visual Food Cues in Thin and Reduced-Obese Individuals. PLoS ONE, 2009, 4, e6310.	2.5	129
11	Effects of an Alpha 7-Nicotinic Agonist on Default Network Activity in Schizophrenia. Biological Psychiatry, 2011, 69, 7-11.	1.3	116
12	Increased Glutamate Concentration in the Auditory Cortex of Persons With Autism and Firstâ€Ðegree Relatives: A <scp>¹Hâ€MRS</scp> Study. Autism Research, 2013, 6, 1-10.	3.8	110
13	Cortical source estimates of gamma band amplitude and phase are different in schizophrenia. NeuroImage, 2008, 42, 1481-1489.	4.2	107
14	An extended motor network generates beta and gamma oscillatory perturbations during development. Brain and Cognition, 2010, 73, 75-84.	1.8	106
15	Magnetic Source Imaging Evidence of Sex Differences in Cerebral Lateralization in Schizophrenia. Archives of General Psychiatry, 1997, 54, 433.	12.3	101
16	Planum Temporale Volume in Children and Adolescents with Autism. Journal of Autism and Developmental Disorders, 2005, 35, 479-486.	2.7	98
17	Cortical Gamma Generators Suggest Abnormal Auditory Circuitry in Early-Onset Psychosis. Cerebral Cortex, 2008, 18, 371-378.	2.9	98
18	Transient and steady-state auditory gamma-band responses in first-degree relatives of people with autism spectrum disorder. Molecular Autism, 2011, 2, 11.	4.9	98

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19	Effect of task difficulty on the functional anatomy of temporal processing. NeuroImage, 2006, 32, 307-315.	4.2	97
20	Altered Default Network Activity in Obesity. Obesity, 2011, 19, 2316-2321.	3.0	78
21	Is schizoaffective disorder a distinct categorical diagnosis? A critical review of the literature. Neuropsychiatric Disease and Treatment, 2008, 4, 1089.	2.2	75
22	Guidelines and Best Practices for Electrophysiological Data Collection, Analysis and Reporting in Autism. Journal of Autism and Developmental Disorders, 2015, 45, 425-443.	2.7	75
23	Development of the 40Hz steady state auditory evoked magnetic field from ages 5 to 52. Clinical Neurophysiology, 2006, 117, 110-117.	1.5	67
24	Increased Hippocampal, Thalamic, and Prefrontal Hemodynamic Response to an Urban Noise Stimulus in Schizophrenia. American Journal of Psychiatry, 2009, 166, 354-360.	7.2	64
25	MEG auditory evoked fields suggest altered structural/functional asymmetry in primary but not secondary auditory cortex in bipolar disorder. Bipolar Disorders, 2009, 11, 371-381.	1.9	64
26	Auditory evoked magnetic fields in adults with fragile X syndrome. NeuroReport, 2001, 12, 2573-2576.	1.2	62
27	Test-Retest Reliability of the 40 Hz EEG Auditory Steady-State Response. PLoS ONE, 2014, 9, e85748.	2.5	60
28	Sex-specific expression of Heschl's gyrus functional and structural abnormalities in paranoid schizophrenia. American Journal of Psychiatry, 1997, 154, 1655-62.	7.2	59
29	Abnormal Gamma and Beta MEG Activity During Finger Movements in Early-Onset Psychosis. Developmental Neuropsychology, 2011, 36, 596-613.	1.4	57
30	Developmental changes in refractoriness of the neuromagnetic M100 in children. NeuroReport, 1998, 9, 1543-1547.	1.2	56
31	Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. Schizophrenia Research, 2007, 97, 242-249.	2.0	55
32	Altered oscillation patterns and connectivity during picture naming in autism. Frontiers in Human Neuroscience, 2013, 7, 742.	2.0	47
33	The thalamus and the schizophrenia phenotype: failure to replicate reduced volume. Biological Psychiatry, 1999, 45, 1329-1335.	1.3	46
34	Abnormalities in gamma-band responses to language stimuli in first-degree relatives of children with autism spectrum disorder: an MEG study. BMC Psychiatry, 2012, 12, 213.	2.6	42
35	Magnetoencephalography: applications in psychiatry. Biological Psychiatry, 1999, 45, 1553-1563.	1.3	41
36	Alterations in tonotopy and auditory cerebral asymmetry in schizophrenia. Biological Psychiatry, 2002, 52, 32-39.	1.3	41

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37	Nicotine increases brain functional network efficiency. NeuroImage, 2012, 63, 73-80.	4.2	41
38	Impairments in phonological processing and nonverbal intellectual function in parents of children with autism. Journal of Clinical and Experimental Neuropsychology, 2008, 30, 557-567.	1.3	40
39	Brain size and brain/intracranial volume ratio in major mental illness. BMC Psychiatry, 2010, 10, 79.	2.6	37
40	MEG and EEG demonstrate similar test-retest reliability of the 40 Hz auditory steady-state response. International Journal of Psychophysiology, 2017, 114, 16-23.	1.0	37
41	Reduced laterality of the source locations for generators of the auditory steady-state field in schizophrenia. Biological Psychiatry, 2003, 54, 1149-1153.	1.3	35
42	A voxel-based morphometry comparison of regional gray matter between fragile X syndrome and autism. Psychiatry Research - Neuroimaging, 2009, 174, 138-145.	1.8	34
43	Insula and Orbitofrontal Cortical Morphology in Substance Dependence Is Modulated by Sex. American Journal of Neuroradiology, 2013, 34, 1150-1156.	2.4	34
44	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. Frontiers in Neurology, 2017, 8, 615.	2.4	33
45	A voxel-based morphometry study of gray matter in parents of children with autism. NeuroReport, 2006, 17, 1289-1292.	1.2	31
46	Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2001, 13, 213-221.	1.8	30
47	Anomalous Somatosensory Cortical Localization in Schizophrenia. American Journal of Psychiatry, 2003, 160, 2148-2153.	7.2	30
48	Fluctuation of gamma-band phase synchronization within the auditory cortex in schizophrenia. Clinical Neurophysiology, 2010, 121, 542-548.	1.5	30
49	Somatosensory timing deficits in schizophrenia. Psychiatry Research - Neuroimaging, 2013, 212, 73-78.	1.8	30
50	Temporal processing in schizophrenia: Effects of task-difficulty on behavioral discrimination and neuronal responses. Schizophrenia Research, 2011, 127, 123-130.	2.0	29
51	Sequential source of the M100 exhibits inter-hemispheric asymmetry. NeuroReport, 1998, 9, 2647-2652.	1.2	27
52	Implicit phonological priming during visual word recognition. NeuroImage, 2011, 55, 724-731.	4.2	27
53	Phonological processing in firstâ€degree relatives of individuals with autism: An fMRI study. Human Brain Mapping, 2013, 34, 1447-1463.	3.6	25
54	Hippocampal to pituitary volume ratio: a specific measure of reciprocal neuroendocrine alterations in alcohol dependence.. Journal of Studies on Alcohol and Drugs, 1999, 60, 586-588.	2.3	24

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55	Comparison of the O-Log and GOAT as measures of posttraumatic amnesia. Brain Injury, 2007, 21, 513-520.	1.2	24
56	Aberrant high-frequency desynchronization of cerebellar cortices in early-onset psychosis. Psychiatry Research - Neuroimaging, 2009, 174, 47-56.	1.8	24
57	Magnetic Resonance Spectroscopy Studies of Glutamate and GABA in Autism: Implications for Excitation-Inhibition Imbalance Theory. Current Developmental Disorders Reports, 2015, 2, 46-57.	2.1	23
58	Bipolar Disorder: Anomalous Brain Asymmetry Associated With Psychosis. American Journal of Psychiatry, 1999, 156, 1159-1163.	7.2	23
59	Auditory steady state and transient gamma band activity in bipolar disorder. International Congress Series, 2007, 1300, 707-710.	0.2	22
60	Modulation of auditory gamma-band responses using transcranial electrical stimulation. Journal of Neurophysiology, 2020, 123, 2504-2514.	1.8	22
61	Fine structure of the auditory M100 in schizophrenia and schizoaffective disorder. Biological Psychiatry, 2000, 48, 1109-1112.	1.3	21
62	Reduced brain resting-state network specificity in infants compared with adults. Neuropsychiatric Disease and Treatment, 2014, 10, 1349.	2.2	21
63	Effects of Image Orientation on the Comparability of Pediatric Brain Volumes Using Three-Dimensional MR Data. Journal of Computer Assisted Tomography, 2001, 25, 452-457.	0.9	20
64	Evaluation and Tracking of Alzheimer's Disease Severity Using Resting-State Magnetoencephalography. Journal of Alzheimer's Disease, 2011, 26, 239-255.	2.6	19
65	The effect of distracting noise on the neuronal mechanisms of attention in schizophrenia. Schizophrenia Research, 2012, 142, 230-236.	2.0	18
66	Neuronal effects of auditory distraction on visual attention. Brain and Cognition, 2013, 81, 263-270.	1.8	18
67	Neuromagnetic alpha suppression during an auditory Sternberg task. Cognitive Brain Research, 2000, 10, 85-89.	3.0	17
68	Increased hippocampal volume in schizophrenics' parents with ancestral history of schizophrenia. Schizophrenia Research, 2002, 55, 11-17.	2.0	17
69	Harnessing the power of disgust: a randomized trial to reduce high-calorie food appeal through implicit priming. American Journal of Clinical Nutrition, 2015, 102, 249-255.	4.7	16
70	Neuromagnetic evidence of broader auditory cortical tuning in schizophrenia. Schizophrenia Research, 2007, 97, 206-214.	2.0	15
71	Evidence for gamma and beta sensory gating deficits as translational endophenotypes for schizophrenia. Psychiatry Research - Neuroimaging, 2013, 214, 169-174.	1.8	15
72	Magnetoencephalographic evidence of abnormal early auditory memory function in schizophrenia. Biological Psychiatry, 1996, 40, 299-301.	1.3	14

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73	Schizoaffective disorder: evidence for reversed cerebral asymmetry. Biological Psychiatry, 1999, 46, 133-136.	1.3	14
74	Aberrant functional organization and maturation in early-onset psychosis: Evidence from magnetoencephalography. Psychiatry Research - Neuroimaging, 2007, 156, 59-67.	1.8	14
75	Schizoaffective disorder â€" A possible MEG auditory evoked field biomarker. Psychiatry Research - Neuroimaging, 2010, 182, 284-286.	1.8	13
76	Neuronal effects of nicotine during auditory selective attention in schizophrenia. Human Brain Mapping, 2016, 37, 410-421.	3.6	13
77	Differences in global and local level information processing in autism: An fMRI investigation. Psychiatry Research - Neuroimaging, 2013, 213, 115-121.	1.8	12
78	Neural Effects of Auditory Distraction on Visual Attention in Schizophrenia. PLoS ONE, 2013, 8, e60606.	2.5	12
79	Imaging decision about whether to benefit self by harming others: Adolescents with conduct and substance problems, with or without callous-unemotionality, or developing typically. Psychiatry Research - Neuroimaging, 2017, 263, 103-112.	1.8	12
80	Predicting academic career outcomes by predoctoral publication record. PeerJ, 2018, 6, e5707.	2.0	11
81	Residual effects of cannabis use on attentional bias towards fearful faces. Neuropsychologia, 2018, 119, 482-488.	1.6	10
82	Free Will, Determinism, and Punishment. Psychological Reports, 2003, 93, 1013-1021.	1.7	9
83	Enhanced contralateral theta oscillations and N170 amplitudes in occipitotemporal scalp regions underlie attentional bias to fearful faces. International Journal of Psychophysiology, 2021, 165, 84-91.	1.0	9
84	Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. Journal of Neuropsychiatry and Clinical Neurosciences, 2001, 13, 213-221.	1.8	9
85	Determination of the sphere origin for MEG source modelling in temporal regions. Physics in Medicine and Biology, 2002, 47, 1161-1166.	3.0	8
86	Neuromagnetic Beta-Band Oscillations during Motor Imitation in Youth with Autism. Autism Research & Treatment, 2018, 2018, 1-12.	0.5	8
87	Greater neuronal responses during automatic semantic processing in schizophrenia. NeuroReport, 2013, 24, 212-216.	1.2	7
88	Awareness of Emotional Expressions in Cannabis Users: An Event-Related Potential Study. Frontiers in Psychology, 2019, 10, 69.	2.1	6
89	Auditory entrainment of motor responses in older adults with and without Parkinsonâ€™s disease: An MEG study. Neuroscience Letters, 2019, 708, 134331.	2.1	5
90	Review of Schizophrenia Research Using MEG. , 2014, , 849-874.		5

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91	Single versus composite score discriminative validity with the HalsteadÃ¢Â€Â”Reitan Battery and the Stroop Test in mild brain injury. Archives of Clinical Neuropsychology, 1995, 10, 101-110.	0.5	3
92	Magnetoencephalography and Magnetic Source Imaging: Technology Overview and Applications in Psychiatric Neuroimaging. CNS Spectrums, 1999, 4, 37-43.	1.2	3
93	Sex differences in the refractory period of the 100 ms auditory evoked magnetic field. NeuroReport, 1999, 10, 3321-3325.	1.2	2
94	Spacious Environments Make Us Tolerantâ€”The Role of Emotion and Metaphor. International Journal of Environmental Research and Public Health, 2021, 18, 10530.	2.6	2
95	A novel approach to understanding Parkinsonian cognitive decline using minimum spanning trees, edge cutting, and magnetoencephalography. Scientific Reports, 2021, 11, 19704.	3.3	2
96	Functional mapping of the human auditory cortex using fMRI and MSI: a comparison study. NeuroImage, 1996, 3, S306.	4.2	1
97	MRI volume and localization of Heschl's gyri in schizophrenia. Biological Psychiatry, 1996, 39, 639.	1.3	1
98	Neurological Signs and Cognitive Performance Distinguish Between Adolescents With and Without Psychosis. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 266-273.	1.8	1
99	Prosodic influence in face emotion perception: evidence from functional near-infrared spectroscopy. Scientific Reports, 2020, 10, 14345.	3.3	1
100	Neurological Signs and Cognitive Performance Distinguish Between Adolescents With and Without Psychosis. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 266-273.	1.8	1
101	Review of Schizophrenia Research Using MEG. , 2019, , 1-26.		1
102	Review of Schizophrenia Research Using MEG. , 2019, , 1121-1146.		1
103	Gender dependence of prefrontal volume in schizophrenia. Schizophrenia Research, 1997, 24, 143-144.	2.0	0
104	359. Reduced hippocampal volume in association with P50 nonsuppression following traumatic brain injury. Biological Psychiatry, 2000, 47, S108-S109.	1.3	0
105	497. MEG and short-term memory in schizophrenia and schizoaffective disorder. Biological Psychiatry, 2000, 47, S151.	1.3	0
106	Functional imaging of hippocampal dysfunction among persons with Alzheimer’s disease: a proof-of-concept study. Neuropsychiatric Disease and Treatment, 2010, 6, 779.	2.2	0
107	Advanced electrophysiology. , 0, , 459-473.		0