

Don C Rojas

List of Publications by Year in descending order

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105
papers

4,782
citations

87843

38
h-index

106281

65
g-index

111
all docs

111
docs citations

111
times ranked

5806
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. <i>BMC Psychiatry</i> , 2006, 6, 56.	1.1	306
2	Children and Adolescents with Autism Exhibit Reduced MEG Steady-State Gamma Responses. <i>Biological Psychiatry</i> , 2007, 62, 192-197.	0.7	299
3	The role of glutamate and its receptors in autism and the use of glutamate receptor antagonists in treatment. <i>Journal of Neural Transmission</i> , 2014, 121, 891-905.	1.4	156
4	Decreased left perisylvian GABA concentration in children with autism and unaffected siblings. <i>NeuroImage</i> , 2014, 86, 28-34.	2.1	154
5	Hippocampus and Amygdala Volumes in Parents of Children With Autistic Disorder. <i>American Journal of Psychiatry</i> , 2004, 161, 2038-2044.	4.0	149
6	$\hat{\beta}$ -band abnormalities as markers of autism spectrum disorders. <i>Biomarkers in Medicine</i> , 2014, 8, 353-368.	0.6	141
7	Smaller left hemisphere planum temporale in adults with autistic disorder. <i>Neuroscience Letters</i> , 2002, 328, 237-240.	1.0	140
8	Reduced neural synchronization of gamma-band MEG oscillations in first-degree relatives of children with autism. <i>BMC Psychiatry</i> , 2008, 8, 66.	1.1	139
9	Increased hemodynamic response in the hippocampus, thalamus and prefrontal cortex during abnormal sensory gating in schizophrenia. <i>Schizophrenia Research</i> , 2007, 92, 262-272.	1.1	130
10	The Effects of Overfeeding on the Neuronal Response to Visual Food Cues in Thin and Reduced-Obese Individuals. <i>PLoS ONE</i> , 2009, 4, e6310.	1.1	129
11	Effects of an Alpha 7-Nicotinic Agonist on Default Network Activity in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 69, 7-11.	0.7	116
12	Increased Glutamate Concentration in the Auditory Cortex of Persons With Autism and First-Degree Relatives: A ¹ H-MRS Study. <i>Autism Research</i> , 2013, 6, 1-10.	2.1	110
13	Cortical source estimates of gamma band amplitude and phase are different in schizophrenia. <i>NeuroImage</i> , 2008, 42, 1481-1489.	2.1	107
14	An extended motor network generates beta and gamma oscillatory perturbations during development. <i>Brain and Cognition</i> , 2010, 73, 75-84.	0.8	106
15	Magnetic Source Imaging Evidence of Sex Differences in Cerebral Lateralization in Schizophrenia. <i>Archives of General Psychiatry</i> , 1997, 54, 433.	13.8	101
16	Planum Temporale Volume in Children and Adolescents with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2005, 35, 479-486.	1.7	98
17	Cortical Gamma Generators Suggest Abnormal Auditory Circuitry in Early-Onset Psychosis. <i>Cerebral Cortex</i> , 2008, 18, 371-378.	1.6	98
18	Transient and steady-state auditory gamma-band responses in first-degree relatives of people with autism spectrum disorder. <i>Molecular Autism</i> , 2011, 2, 11.	2.6	98

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19	Effect of task difficulty on the functional anatomy of temporal processing. <i>NeuroImage</i> , 2006, 32, 307-315.	2.1	97
20	Altered Default Network Activity in Obesity. <i>Obesity</i> , 2011, 19, 2316-2321.	1.5	78
21	Is schizoaffective disorder a distinct categorical diagnosis? A critical review of the literature. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 1089.	1.0	75
22	Guidelines and Best Practices for Electrophysiological Data Collection, Analysis and Reporting in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 425-443.	1.7	75
23	Development of the 40Hz steady state auditory evoked magnetic field from ages 5 to 52. <i>Clinical Neurophysiology</i> , 2006, 117, 110-117.	0.7	67
24	Increased Hippocampal, Thalamic, and Prefrontal Hemodynamic Response to an Urban Noise Stimulus in Schizophrenia. <i>American Journal of Psychiatry</i> , 2009, 166, 354-360.	4.0	64
25	MEG auditory evoked fields suggest altered structural/functional asymmetry in primary but not secondary auditory cortex in bipolar disorder. <i>Bipolar Disorders</i> , 2009, 11, 371-381.	1.1	64
26	Auditory evoked magnetic fields in adults with fragile X syndrome. <i>NeuroReport</i> , 2001, 12, 2573-2576.	0.6	62
27	Test-Retest Reliability of the 40 Hz EEG Auditory Steady-State Response. <i>PLoS ONE</i> , 2014, 9, e85748.	1.1	60
28	Sex-specific expression of Heschl's gyrus functional and structural abnormalities in paranoid schizophrenia. <i>American Journal of Psychiatry</i> , 1997, 154, 1655-62.	4.0	59
29	Abnormal Gamma and Beta MEG Activity During Finger Movements in Early-Onset Psychosis. <i>Developmental Neuropsychology</i> , 2011, 36, 596-613.	1.0	57
30	Developmental changes in refractoriness of the neuromagnetic M100 in children. <i>NeuroReport</i> , 1998, 9, 1543-1547.	0.6	56
31	Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 242-249.	1.1	55
32	Altered oscillation patterns and connectivity during picture naming in autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 742.	1.0	47
33	The thalamus and the schizophrenia phenotype: failure to replicate reduced volume. <i>Biological Psychiatry</i> , 1999, 45, 1329-1335.	0.7	46
34	Abnormalities in gamma-band responses to language stimuli in first-degree relatives of children with autism spectrum disorder: an MEG study. <i>BMC Psychiatry</i> , 2012, 12, 213.	1.1	42
35	Magnetoencephalography: applications in psychiatry. <i>Biological Psychiatry</i> , 1999, 45, 1553-1563.	0.7	41
36	Alterations in tonotopy and auditory cerebral asymmetry in schizophrenia. <i>Biological Psychiatry</i> , 2002, 52, 32-39.	0.7	41

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37	Nicotine increases brain functional network efficiency. <i>NeuroImage</i> , 2012, 63, 73-80.	2.1	41
38	Impairments in phonological processing and nonverbal intellectual function in parents of children with autism. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 557-567.	0.8	40
39	Brain size and brain/intracranial volume ratio in major mental illness. <i>BMC Psychiatry</i> , 2010, 10, 79.	1.1	37
40	MEG and EEG demonstrate similar test-retest reliability of the 40 Hz auditory steady-state response. <i>International Journal of Psychophysiology</i> , 2017, 114, 16-23.	0.5	37
41	Reduced laterality of the source locations for generators of the auditory steady-state field in schizophrenia. <i>Biological Psychiatry</i> , 2003, 54, 1149-1153.	0.7	35
42	A voxel-based morphometry comparison of regional gray matter between fragile X syndrome and autism. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 138-145.	0.9	34
43	Insula and Orbitofrontal Cortical Morphology in Substance Dependence Is Modulated by Sex. <i>American Journal of Neuroradiology</i> , 2013, 34, 1150-1156.	1.2	34
44	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. <i>Frontiers in Neurology</i> , 2017, 8, 615.	1.1	33
45	A voxel-based morphometry study of gray matter in parents of children with autism. <i>NeuroReport</i> , 2006, 17, 1289-1292.	0.6	31
46	Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 213-221.	0.9	30
47	Anomalous Somatosensory Cortical Localization in Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 2148-2153.	4.0	30
48	Fluctuation of gamma-band phase synchronization within the auditory cortex in schizophrenia. <i>Clinical Neurophysiology</i> , 2010, 121, 542-548.	0.7	30
49	Somatosensory timing deficits in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 73-78.	0.9	30
50	Temporal processing in schizophrenia: Effects of task-difficulty on behavioral discrimination and neuronal responses. <i>Schizophrenia Research</i> , 2011, 127, 123-130.	1.1	29
51	Sequential source of the M100 exhibits inter-hemispheric asymmetry. <i>NeuroReport</i> , 1998, 9, 2647-2652.	0.6	27
52	Implicit phonological priming during visual word recognition. <i>NeuroImage</i> , 2011, 55, 724-731.	2.1	27
53	Phonological processing in first-degree relatives of individuals with autism: An fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 1447-1463.	1.9	25
54	Hippocampal to pituitary volume ratio: a specific measure of reciprocal neuroendocrine alterations in alcohol dependence.. <i>Journal of Studies on Alcohol and Drugs</i> , 1999, 60, 586-588.	2.4	24

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55	Comparison of the O-Log and GOAT as measures of posttraumatic amnesia. <i>Brain Injury</i> , 2007, 21, 513-520.	0.6	24
56	Aberrant high-frequency desynchronization of cerebellar cortices in early-onset psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 47-56.	0.9	24
57	Magnetic Resonance Spectroscopy Studies of Glutamate and GABA in Autism: Implications for Excitation-Inhibition Imbalance Theory. <i>Current Developmental Disorders Reports</i> , 2015, 2, 46-57.	0.9	23
58	Bipolar Disorder: Anomalous Brain Asymmetry Associated With Psychosis. <i>American Journal of Psychiatry</i> , 1999, 156, 1159-1163.	4.0	23
59	Auditory steady state and transient gamma band activity in bipolar disorder. <i>International Congress Series</i> , 2007, 1300, 707-710.	0.2	22
60	Modulation of auditory gamma-band responses using transcranial electrical stimulation. <i>Journal of Neurophysiology</i> , 2020, 123, 2504-2514.	0.9	22
61	Fine structure of the auditory M100 in schizophrenia and schizoaffective disorder. <i>Biological Psychiatry</i> , 2000, 48, 1109-1112.	0.7	21
62	Reduced brain resting-state network specificity in infants compared with adults. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1349.	1.0	21
63	Effects of Image Orientation on the Comparability of Pediatric Brain Volumes Using Three-Dimensional MR Data. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 452-457.	0.5	20
64	Evaluation and Tracking of Alzheimer's Disease Severity Using Resting-State Magnetoencephalography. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 239-255.	1.2	19
65	The effect of distracting noise on the neuronal mechanisms of attention in schizophrenia. <i>Schizophrenia Research</i> , 2012, 142, 230-236.	1.1	18
66	Neuronal effects of auditory distraction on visual attention. <i>Brain and Cognition</i> , 2013, 81, 263-270.	0.8	18
67	Neuromagnetic alpha suppression during an auditory Sternberg task. <i>Cognitive Brain Research</i> , 2000, 10, 85-89.	3.3	17
68	Increased hippocampal volume in schizophrenics' parents with ancestral history of schizophrenia. <i>Schizophrenia Research</i> , 2002, 55, 11-17.	1.1	17
69	Harnessing the power of disgust: a randomized trial to reduce high-calorie food appeal through implicit priming. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 249-255.	2.2	16
70	Neuromagnetic evidence of broader auditory cortical tuning in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 206-214.	1.1	15
71	Evidence for gamma and beta sensory gating deficits as translational endophenotypes for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 169-174.	0.9	15
72	Magnetoencephalographic evidence of abnormal early auditory memory function in schizophrenia. <i>Biological Psychiatry</i> , 1996, 40, 299-301.	0.7	14

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73	Schizoaffective disorder: evidence for reversed cerebral asymmetry. <i>Biological Psychiatry</i> , 1999, 46, 133-136.	0.7	14
74	Aberrant functional organization and maturation in early-onset psychosis: Evidence from magnetoencephalography. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 59-67.	0.9	14
75	Schizoaffective disorder " A possible MEG auditory evoked field biomarker. <i>Psychiatry Research - Neuroimaging</i> , 2010, 182, 284-286.	0.9	13
76	Neuronal effects of nicotine during auditory selective attention in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 410-421.	1.9	13
77	Differences in global and local level information processing in autism: An fMRI investigation. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 115-121.	0.9	12
78	Neural Effects of Auditory Distraction on Visual Attention in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e60606.	1.1	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. <i>Psychiatry Research - Neuroimaging</i> , 2017, 263, 103-112.	0.9	12
80	Predicting academic career outcomes by predoctoral publication record. <i>PeerJ</i> , 2018, 6, e5707.	0.9	11
81	Residual effects of cannabis use on attentional bias towards fearful faces. <i>Neuropsychologia</i> , 2018, 119, 482-488.	0.7	10
82	Free Will, Determinism, and Punishment. <i>Psychological Reports</i> , 2003, 93, 1013-1021.	0.9	9
83	Enhanced contralateral theta oscillations and N170 amplitudes in occipitotemporal scalp regions underlie attentional bias to fearful faces. <i>International Journal of Psychophysiology</i> , 2021, 165, 84-91.	0.5	9
84	Determination of the sphere origin for MEG source modelling in temporal regions. <i>Physics in Medicine and Biology</i> , 2002, 47, 1161-1166.	1.6	8
85	Neuromagnetic Beta-Band Oscillations during Motor Imitation in Youth with Autism. <i>Autism Research & Treatment</i> , 2018, 2018, 1-12.	0.1	8
86	Greater neuronal responses during automatic semantic processing in schizophrenia. <i>NeuroReport</i> , 2013, 24, 212-216.	0.6	7
87	Awareness of Emotional Expressions in Cannabis Users: An Event-Related Potential Study. <i>Frontiers in Psychology</i> , 2019, 10, 69.	1.1	6
88	Auditory entrainment of motor responses in older adults with and without Parkinson's disease: An MEG study. <i>Neuroscience Letters</i> , 2019, 708, 134331.	1.0	5
89	Review of Schizophrenia Research Using MEG. , 2014, , 849-874.		5
90	Single versus composite score discriminative validity with the Halstead-Reitan Battery and the Stroop Test in mild brain injury. <i>Archives of Clinical Neuropsychology</i> , 1995, 10, 101-110.	0.3	3

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91	Magnetoencephalography and Magnetic Source Imaging: Technology Overview and Applications in Psychiatric Neuroimaging. <i>CNS Spectrums</i> , 1999, 4, 37-43.	0.7	3
92	Sex differences in the refractory period of the 100 ms auditory evoked magnetic field. <i>NeuroReport</i> , 1999, 10, 3321-3325.	0.6	2
93	Spacious Environments Make Us Tolerant – The Role of Emotion and Metaphor. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10530.	1.2	2
94	A novel approach to understanding Parkinsonian cognitive decline using minimum spanning trees, edge cutting, and magnetoencephalography. <i>Scientific Reports</i> , 2021, 11, 19704.	1.6	2
95	Functional mapping of the human auditory cortex using fMRI and MSI: a comparison study. <i>NeuroImage</i> , 1996, 3, S306.	2.1	1
96	MRI volume and localization of Heschl's gyri in schizophrenia. <i>Biological Psychiatry</i> , 1996, 39, 639.	0.7	1
97	Neurological Signs and Cognitive Performance Distinguish Between Adolescents With and Without Psychosis. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007, 19, 266-273.	0.9	1
98	Prosodic influence in face emotion perception: evidence from functional near-infrared spectroscopy. <i>Scientific Reports</i> , 2020, 10, 14345.	1.6	1
99	Review of Schizophrenia Research Using MEG. , 2019, , 1-26.		1
100	Review of Schizophrenia Research Using MEG. , 2019, , 1121-1146.		1
101	Gender dependence of prefrontal volume in schizophrenia. <i>Schizophrenia Research</i> , 1997, 24, 143-144.	1.1	0
102	359. Reduced hippocampal volume in association with P50 nonsuppression following traumatic brain injury. <i>Biological Psychiatry</i> , 2000, 47, S108-S109.	0.7	0
103	497. MEG and short-term memory in schizophrenia and schizoaffective disorder. <i>Biological Psychiatry</i> , 2000, 47, S151.	0.7	0
104	Functional imaging of hippocampal dysfunction among persons with Alzheimer's disease: a proof-of-concept study. <i>Neuropsychiatric Disease and Treatment</i> , 2010, 6, 779.	1.0	0
105	Advanced electrophysiology. , 0, , 459-473.		0