

Don C Rojas

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

4,782
citations

87888

38
h-index

106344

65
g-index

111
all docs

111
docs citations

111
times ranked

5806
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	9
2	Spacious Environments Make Us Tolerant – The Role of Emotion and Metaphor. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10530.	2.6	2
3	A novel approach to understanding Parkinsonian cognitive decline using minimum spanning trees, edge cutting, and magnetoencephalography. <i>Scientific Reports</i> , 2021, 11, 19704.	3.3	2
4	Prosodic influence in face emotion perception: evidence from functional near-infrared spectroscopy. <i>Scientific Reports</i> , 2020, 10, 14345.	3.3	1
5	Modulation of auditory gamma-band responses using transcranial electrical stimulation. <i>Journal of Neurophysiology</i> , 2020, 123, 2504-2514.	1.8	22
6	Auditory entrainment of motor responses in older adults with and without Parkinson’s disease: An MEG study. <i>Neuroscience Letters</i> , 2019, 708, 134331.	2.1	5
7	Awareness of Emotional Expressions in Cannabis Users: An Event-Related Potential Study. <i>Frontiers in Psychology</i> , 2019, 10, 69.	2.1	6
8	Review of Schizophrenia Research Using MEG. , 2019, , 1-26.		1
9	Review of Schizophrenia Research Using MEG. , 2019, , 1121-1146.		1
10	Residual effects of cannabis use on attentional bias towards fearful faces. <i>Neuropsychologia</i> , 2018, 119, 482-488.	1.6	10
11	Neuromagnetic Beta-Band Oscillations during Motor Imitation in Youth with Autism. <i>Autism Research & Treatment</i> , 2018, 2018, 1-12.	0.5	8
12	Predicting academic career outcomes by predoctoral publication record. <i>PeerJ</i> , 2018, 6, e5707.	2.0	11
13	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.	1.0	37
14	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.	1.8	12
15	Structural Covariance of Sensory Networks, the Cerebellum, and Amygdala in Autism Spectrum Disorder. <i>Frontiers in Neurology</i> , 2017, 8, 615.	2.4	33
16	Neuronal effects of nicotine during auditory selective attention in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 410-421.	3.6	13
17	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.	4.7	16
18	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.	2.1	23

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19	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.	2.7	75
20	Test-Retest Reliability of the 40 Hz EEG Auditory Steady-State Response. <i>PLoS ONE</i> , 2014, 9, e85748.	2.5	60
21	Reduced brain resting-state network specificity in infants compared with adults. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 1349.	2.2	21
22	β -band abnormalities as markers of autism spectrum disorders. <i>Biomarkers in Medicine</i> , 2014, 8, 353-368.	1.4	141
23	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.	2.8	156
24	Decreased left perisylvian GABA concentration in children with autism and unaffected siblings. <i>NeuroImage</i> , 2014, 86, 28-34.	4.2	154
25	Review of Schizophrenia Research Using MEG. , 2014, , 849-874.		5
26	Phonological processing in first-degree relatives of individuals with autism: An fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 1447-1463.	3.6	25
27	Differences in global and local level information processing in autism: An fMRI investigation. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 115-121.	1.8	12
28	Neuronal effects of auditory distraction on visual attention. <i>Brain and Cognition</i> , 2013, 81, 263-270.	1.8	18
29	Somatosensory timing deficits in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 73-78.	1.8	30
30	Evidence for gamma and beta sensory gating deficits as translational endophenotypes for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 169-174.	1.8	15
31	Insula and Orbitofrontal Cortical Morphology in Substance Dependence Is Modulated by Sex. <i>American Journal of Neuroradiology</i> , 2013, 34, 1150-1156.	2.4	34
32	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.	3.8	110
33	Greater neuronal responses during automatic semantic processing in schizophrenia. <i>NeuroReport</i> , 2013, 24, 212-216.	1.2	7
34	Neural Effects of Auditory Distraction on Visual Attention in Schizophrenia. <i>PLoS ONE</i> , 2013, 8, e60606.	2.5	12
35	Altered oscillation patterns and connectivity during picture naming in autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 742.	2.0	47
36	Nicotine increases brain functional network efficiency. <i>NeuroImage</i> , 2012, 63, 73-80.	4.2	41

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37	The effect of distracting noise on the neuronal mechanisms of attention in schizophrenia. Schizophrenia Research, 2012, 142, 230-236.	2.0	18
38	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
39	Effects of an Alpha 7-Nicotinic Agonist on Default Network Activity in Schizophrenia. Biological Psychiatry, 2011, 69, 7-11.	1.3	116
40	Temporal processing in schizophrenia: Effects of task-difficulty on behavioral discrimination and neuronal responses. Schizophrenia Research, 2011, 127, 123-130.	2.0	29
41	Altered Default Network Activity in Obesity. Obesity, 2011, 19, 2316-2321.	3.0	78
42	Implicit phonological priming during visual word recognition. NeuroImage, 2011, 55, 724-731.	4.2	27
43	Evaluation and Tracking of Alzheimer's Disease Severity Using Resting-State Magnetoencephalography. Journal of Alzheimer's Disease, 2011, 26, 239-255.	2.6	19
44	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
45	Abnormal Gamma and Beta MEG Activity During Finger Movements in Early-Onset Psychosis. Developmental Neuropsychology, 2011, 36, 596-613.	1.4	57
46	Schizoaffective disorder " A possible MEG auditory evoked field biomarker. Psychiatry Research - Neuroimaging, 2010, 182, 284-286.	1.8	13
47	Brain size and brain/intracranial volume ratio in major mental illness. BMC Psychiatry, 2010, 10, 79.	2.6	37
48	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
49	An extended motor network generates beta and gamma oscillatory perturbations during development. Brain and Cognition, 2010, 73, 75-84.	1.8	106
50	Fluctuation of gamma-band phase synchronization within the auditory cortex in schizophrenia. Clinical Neurophysiology, 2010, 121, 542-548.	1.5	30
51	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
52	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
53	Aberrant high-frequency desynchronization of cerebellar cortices in early-onset psychosis. Psychiatry Research - Neuroimaging, 2009, 174, 47-56.	1.8	24
54	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

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55	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.	1.9	64
56	Reduced neural synchronization of gamma-band MEG oscillations in first-degree relatives of children with autism. <i>BMC Psychiatry</i> , 2008, 8, 66.	2.6	139
57	Cortical source estimates of gamma band amplitude and phase are different in schizophrenia. <i>NeuroImage</i> , 2008, 42, 1481-1489.	4.2	107
58	Cortical Gamma Generators Suggest Abnormal Auditory Circuitry in Early-Onset Psychosis. <i>Cerebral Cortex</i> , 2008, 18, 371-378.	2.9	98
59	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.	1.3	40
60	Is schizoaffective disorder a distinct categorical diagnosis? A critical review of the literature. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 1089.	2.2	75
61	Neurological Signs and Cognitive Performance Distinguish Between Adolescents With and Without Psychosis. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007, 19, 266-273.	1.8	1
62	Auditory steady state and transient gamma band activity in bipolar disorder. <i>International Congress Series</i> , 2007, 1300, 707-710.	0.2	22
63	Comparison of the O-Log and GOAT as measures of posttraumatic amnesia. <i>Brain Injury</i> , 2007, 21, 513-520.	1.2	24
64	Increased hemodynamic response in the hippocampus, thalamus and prefrontal cortex during abnormal sensory gating in schizophrenia. <i>Schizophrenia Research</i> , 2007, 92, 262-272.	2.0	130
65	Neuromagnetic evidence of broader auditory cortical tuning in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 206-214.	2.0	15
66	Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 242-249.	2.0	55
67	Children and Adolescents with Autism Exhibit Reduced MEG Steady-State Gamma Responses. <i>Biological Psychiatry</i> , 2007, 62, 192-197.	1.3	299
68	Aberrant functional organization and maturation in early-onset psychosis: Evidence from magnetoencephalography. <i>Psychiatry Research - Neuroimaging</i> , 2007, 156, 59-67.	1.8	14
69	Neurological Signs and Cognitive Performance Distinguish Between Adolescents With and Without Psychosis. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2007, 19, 266-273.	1.8	1
70	Effect of task difficulty on the functional anatomy of temporal processing. <i>NeuroImage</i> , 2006, 32, 307-315.	4.2	97
71	Development of the 40Hz steady state auditory evoked magnetic field from ages 5 to 52. <i>Clinical Neurophysiology</i> , 2006, 117, 110-117.	1.5	67
72	A voxel-based morphometry study of gray matter in parents of children with autism. <i>NeuroReport</i> , 2006, 17, 1289-1292.	1.2	31

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73	Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. <i>BMC Psychiatry</i> , 2006, 6, 56.	2.6	306
74	Planum Temporale Volume in Children and Adolescents with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2005, 35, 479-486.	2.7	98
75	Hippocampus and Amygdala Volumes in Parents of Children With Autistic Disorder. <i>American Journal of Psychiatry</i> , 2004, 161, 2038-2044.	7.2	149
76	Reduced laterality of the source locations for generators of the auditory steady-state field in schizophrenia. <i>Biological Psychiatry</i> , 2003, 54, 1149-1153.	1.3	35
77	Free Will, Determinism, and Punishment. <i>Psychological Reports</i> , 2003, 93, 1013-1021.	1.7	9
78	Anomalous Somatosensory Cortical Localization in Schizophrenia. <i>American Journal of Psychiatry</i> , 2003, 160, 2148-2153.	7.2	30
79	Determination of the sphere origin for MEG source modelling in temporal regions. <i>Physics in Medicine and Biology</i> , 2002, 47, 1161-1166.	3.0	8
80	Alterations in tonotopy and auditory cerebral asymmetry in schizophrenia. <i>Biological Psychiatry</i> , 2002, 52, 32-39.	1.3	41
81	Increased hippocampal volume in schizophrenics' parents with ancestral history of schizophrenia. <i>Schizophrenia Research</i> , 2002, 55, 11-17.	2.0	17
82	Smaller left hemisphere planum temporale in adults with autistic disorder. <i>Neuroscience Letters</i> , 2002, 328, 237-240.	2.1	140
83	Auditory evoked magnetic fields in adults with fragile X syndrome. <i>NeuroReport</i> , 2001, 12, 2573-2576.	1.2	62
84	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.	0.9	20
85	Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 213-221.	1.8	30
86	Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 213-221.	1.8	9
87	Neuromagnetic alpha suppression during an auditory Sternberg task. <i>Cognitive Brain Research</i> , 2000, 10, 85-89.	3.0	17
88	359. Reduced hippocampal volume in association with P50 nonsuppression following traumatic brain injury. <i>Biological Psychiatry</i> , 2000, 47, S108-S109.	1.3	0
89	497. MEG and short-term memory in schizophrenia and schizoaffective disorder. <i>Biological Psychiatry</i> , 2000, 47, S151.	1.3	0
90	Fine structure of the auditory M100 in schizophrenia and schizoaffective disorder. <i>Biological Psychiatry</i> , 2000, 48, 1109-1112.	1.3	21

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91	The thalamus and the schizophrenia phenotype: failure to replicate reduced volume. <i>Biological Psychiatry</i> , 1999, 45, 1329-1335.	1.3	46
92	Schizoaffective disorder: evidence for reversed cerebral asymmetry. <i>Biological Psychiatry</i> , 1999, 46, 133-136.	1.3	14
93	Magnetoencephalography: applications in psychiatry. <i>Biological Psychiatry</i> , 1999, 45, 1553-1563.	1.3	41
94	Sex differences in the refractory period of the 100 ms auditory evoked magnetic field. <i>NeuroReport</i> , 1999, 10, 3321-3325.	1.2	2
95	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.	2.3	24
96	Magnetoencephalography and Magnetic Source Imaging: Technology Overview and Applications in Psychiatric Neuroimaging. <i>CNS Spectrums</i> , 1999, 4, 37-43.	1.2	3
97	Bipolar Disorder: Anomalous Brain Asymmetry Associated With Psychosis. <i>American Journal of Psychiatry</i> , 1999, 156, 1159-1163.	7.2	23
98	Developmental changes in refractoriness of the neuromagnetic M100 in children. <i>NeuroReport</i> , 1998, 9, 1543-1547.	1.2	56
99	Sequential source of the M100 exhibits inter-hemispheric asymmetry. <i>NeuroReport</i> , 1998, 9, 2647-2652.	1.2	27
100	Magnetic Source Imaging Evidence of Sex Differences in Cerebral Lateralization in Schizophrenia. <i>Archives of General Psychiatry</i> , 1997, 54, 433.	12.3	101
101	Gender dependence of prefrontal volume in schizophrenia. <i>Schizophrenia Research</i> , 1997, 24, 143-144.	2.0	0
102	Sex-specific expression of Heschl's gyrus functional and structural abnormalities in paranoid schizophrenia. <i>American Journal of Psychiatry</i> , 1997, 154, 1655-62.	7.2	59
103	Functional mapping of the human auditory cortex using fMRI and MSI: a comparison study. <i>NeuroImage</i> , 1996, 3, S306.	4.2	1
104	Magnetoencephalographic evidence of abnormal early auditory memory function in schizophrenia. <i>Biological Psychiatry</i> , 1996, 40, 299-301.	1.3	14
105	MRI volume and localization of Heschl's gyri in schizophrenia. <i>Biological Psychiatry</i> , 1996, 39, 639.	1.3	1
106	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.	0.5	3
107	Advanced electrophysiology. , 0, , 459-473.		0