

Guillermo Horga

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,884
citations

172457

29
h-index

197818

49
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84
all docs

84
docs citations

84
times ranked

4224
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Rethinking delusions: A selective review of delusion research through a computational lens. <i>Schizophrenia Research</i> , 2022, 245, 23-41. | 2.0 | 27 |
| 2 | Influences of dopaminergic system dysfunction on late-life depression. <i>Molecular Psychiatry</i> , 2022, 27, 180-191. | 7.9 | 28 |
| 3 | Neuromelanin accumulation in patients with schizophrenia: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 1205-1213. | 6.1 | 13 |
| 4 | P504. The Consequences of Base-Rate Neglect on Sequential Belief Updating and Real World Beliefs. <i>Biological Psychiatry</i> , 2022, 91, S292. | 1.3 | 0 |
| 5 | Reliability and Reproducibility of Neuromelanin-Sensitive Imaging of the Substantia Nigra: A Comparison of Three Different Sequences. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 712-721. | 3.4 | 29 |
| 6 | Association between neuromelanin-sensitive MRI signal and psychomotor slowing in late-life depression. <i>Neuropsychopharmacology</i> , 2021, 46, 1233-1239. | 5.4 | 17 |
| 7 | <scp>Cross-Scanner</scp> Harmonization of <scp>Neuromelanin-Sensitive MRI</scp> for Multisite Studies. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1189-1199. | 3.4 | 10 |
| 8 | Adjustment of Prior Beliefs as a Candidate Mechanism for Perceptual Insight. <i>Biological Psychiatry</i> , 2021, 89, S300. | 1.3 | 0 |
| 9 | Cross-Scanner Harmonization of Neuromelanin-Sensitive MRI for Multi-Site Studies. <i>Biological Psychiatry</i> , 2021, 89, S356. | 1.3 | 0 |
| 10 | Heterogeneity in Foraging Decisions Relates to Drug Addiction and is a Marker of Midbrain Dopamine Function. <i>Biological Psychiatry</i> , 2021, 89, S239. | 1.3 | 1 |
| 11 | Ubiquitous Dopamine Deficit Hypotheses in Cocaine Use Disorder Lack Support: Response to Leyton. <i>American Journal of Psychiatry</i> , 2021, 178, 469-470. | 7.2 | 0 |
| 12 | Neuromelanin-Sensitive Magnetic Resonance Imaging as a Proxy Marker for Catecholamine Function in Psychiatry. <i>JAMA Psychiatry</i> , 2021, 78, 788. | 11.0 | 17 |
| 13 | Standardized Data Acquisition for Neuromelanin-Sensitive Magnetic Resonance Imaging of the Substantia Nigra. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.3 | 6 |
| 14 | Reproducibility assessment of neuromelanin-sensitive magnetic resonance imaging protocols for region-of-interest and voxelwise analyses. <i>NeuroImage</i> , 2020, 208, 116457. | 4.2 | 51 |
| 15 | Evidence-Order Effects in Probabilistic Inference: Recency Bias and Delusion-Like Ideation Across the Psychosis Continuum. <i>Biological Psychiatry</i> , 2020, 87, S392-S393. | 1.3 | 0 |
| 16 | Hallucinations and Delusions Relate to Distinct Hierarchical Alterations in Intrinsic Neural Timescales. <i>Biological Psychiatry</i> , 2020, 87, S179-S180. | 1.3 | 2 |
| 17 | How do Stress and Craving Lead to Relapse in Opioid Use Disorder? Determining Sensitization Effects in the Locus Coeruleus Norepinephrine System in Humans. <i>Biological Psychiatry</i> , 2020, 87, S182-S183. | 1.3 | 1 |
| 18 | Evidence for Dopamine Abnormalities in the Substantia Nigra in Cocaine Addiction Revealed by Neuromelanin-Sensitive MRI. <i>American Journal of Psychiatry</i> , 2020, 177, 1038-1047. | 7.2 | 26 |

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|----|--|------|-----------|
| 19 | The Quest for a Selective Mapping Between Striatal Dopamine Subcircuits and Psychosis Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1004-1006. | 1.5 | 0 |
| 20 | Proof of mechanism and target engagement of glutamatergic drugs for the treatment of schizophrenia: RCTs of pomaglmetad and TS-134 on ketamine-induced psychotic symptoms and pharmacBOLD in healthy volunteers. <i>Neuropsychopharmacology</i> , 2020, 45, 1842-1850. | 5.4 | 32 |
| 21 | Distinct hierarchical alterations of intrinsic neural timescales account for different manifestations of psychosis. <i>ELife</i> , 2020, 9, . | 6.0 | 44 |
| 22 | A predictive model for conversion to psychosis in clinical high-risk patients. <i>Psychological Medicine</i> , 2019, 49, 1128-1137. | 4.5 | 34 |
| 23 | F210. Preliminary MRI Evidence of Abnormal Neuromelanin Accumulation in the Substantia Nigra in Cocaine-Use Disorder. <i>Biological Psychiatry</i> , 2019, 85, S295. | 1.3 | 0 |
| 24 | An integrative framework for perceptual disturbances in psychosis. <i>Nature Reviews Neuroscience</i> , 2019, 20, 763-778. | 10.2 | 53 |
| 25 | F181. A Randomized, Single-Blind, Parallel-Group Study to Evaluate the Effects of TS-134 on Ketamine-Induced Bold Signals in Resting fMRI in Healthy Adult Subjects. <i>Biological Psychiatry</i> , 2019, 85, S283-S284. | 1.3 | 0 |
| 26 | From Computation to the First-Person: Auditory-Verbal Hallucinations and Delusions of Thought Interference in Schizophrenia-Spectrum Psychoses. <i>Schizophrenia Bulletin</i> , 2019, 45, S56-S66. | 4.3 | 22 |
| 27 | A distinct inferential mechanism for delusions in schizophrenia. <i>Brain</i> , 2019, 142, 1797-1812. | 7.6 | 67 |
| 28 | Significant improvement in treatment resistant auditory verbal hallucinations after 5 days of double-blind, randomized, sham controlled, fronto-temporal, transcranial direct current stimulation (tDCS): A replication/extension study. <i>Brain Stimulation</i> , 2019, 12, 981-991. | 1.6 | 39 |
| 29 | Neuromelanin-sensitive MRI as a noninvasive proxy measure of dopamine function in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5108-5117. | 7.1 | 136 |
| 30 | Widespread temporal coding of cognitive control in the human prefrontal cortex. <i>Nature Neuroscience</i> , 2019, 22, 1883-1891. | 14.8 | 77 |
| 31 | Hallucinations and Strong Priors. <i>Trends in Cognitive Sciences</i> , 2019, 23, 114-127. | 7.8 | 299 |
| 32 | Enhanced Striatal Dopamine Release to Expectation of Alcohol: A Potential Risk Factor for Alcohol Use Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 591-598. | 1.5 | 16 |
| 33 | T216. Deficient Belief Updating Explains Abnormal Information Seeking Associated With Delusions in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, S212. | 1.3 | 1 |
| 34 | Neuromelanin detection by magnetic resonance imaging (MRI) and its promise as a biomarker for Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 11. | 5.3 | 169 |
| 35 | A Perceptual Inference Mechanism for Hallucinations Linked to Striatal Dopamine. <i>Current Biology</i> , 2018, 28, 503-514.e4. | 3.9 | 120 |
| 36 | Abnormal fronto-striatal activation as a marker of threshold and subthreshold Bulimia Nervosa. <i>Human Brain Mapping</i> , 2018, 39, 1796-1804. | 3.6 | 25 |

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|----|---|------|-----------|
| 37 | Attenuated first-rank symptoms and conversion to psychosis in a clinical high-risk cohort. <i>Microbial Biotechnology</i> , 2018, 12, 1213-1216. | 1.7 | 4 |
| 38 | F59. Altered Corticostriatal Activations and Connectivity During Reinforcement Learning in Unmedicated Adults With Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2018, 83, S260-S261. | 1.3 | 0 |
| 39 | Aberrant Temporal Connectivity in Persons at Clinical High Risk for Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 696-705. | 1.5 | 18 |
| 40 | Distinct Relationships Between Visual and Auditory Perceptual Abnormalities and Conversion to Psychosis in a Clinical High-Risk Population. <i>JAMA Psychiatry</i> , 2017, 74, 104. | 11.0 | 24 |
| 41 | 194. Neuromelanin-Sensitive MRI as an Early Indicator of Dopamine Dysfunction in Individuals at Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2017, 43, S101-S101. | 4.3 | 3 |
| 42 | 2.14 DEFICIENT CORTICO-STRIATAL ACTIVITY DURING REINFORCEMENT LEARNING IN ADOLESCENTS WITH BULIMIA NERVOSA. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, S125. | 0.5 | 0 |
| 43 | 2.13 DEFICIENT FRONTO-STRIATAL ACTIVATION AS AN EARLY BIOMARKER FOR BULIMIA NERVOSA. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, S125. | 0.5 | 0 |
| 44 | Dynamic Connectivity between Brain Networks Supports Working Memory: Relationships to Dopamine Release and Schizophrenia. <i>Journal of Neuroscience</i> , 2016, 36, 4377-4388. | 3.6 | 34 |
| 45 | Motivational Context Modulates Prediction Error Response in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 1467-1475. | 4.3 | 37 |
| 46 | Dopamine-Related Disruption of Functional Topography of Striatal Connections in Unmedicated Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 862. | 11.0 | 58 |
| 47 | The search for imaging biomarkers in psychiatric disorders. <i>Nature Medicine</i> , 2016, 22, 1248-1255. | 30.7 | 180 |
| 48 | Auditory Hallucinations and the Brain's Resting-State Networks: Findings and Methodological Observations. <i>Schizophrenia Bulletin</i> , 2016, 42, 1110-1123. | 4.3 | 107 |
| 49 | Mechanisms of Working Memory Impairment in Schizophrenia. <i>Biological Psychiatry</i> , 2016, 80, 617-626. | 1.3 | 96 |
| 50 | Sex-specific neural activity when resolving cognitive interference in individuals with or without prior internalizing disorders. <i>Psychiatry Research - Neuroimaging</i> , 2016, 249, 76-83. | 1.8 | 2 |
| 51 | Neural Dysfunction in Cognitive Control Circuits in Persons at Clinical High-Risk for Psychosis. <i>Neuropsychopharmacology</i> , 2016, 41, 1241-1250. | 5.4 | 14 |
| 52 | Changes in corticostriatal connectivity during reinforcement learning in humans. <i>Human Brain Mapping</i> , 2015, 36, 793-803. | 3.6 | 34 |
| 53 | Brain Metabolism during Hallucination-Like Auditory Stimulation in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e84987. | 2.5 | 25 |
| 54 | Discriminating Risk and Resilience Endophenotypes From Lifetime Illness Effects in Familial Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2014, 71, 136. | 11.0 | 46 |

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|----|--|------|-----------|
| 55 | Annual Research Review: Current limitations and future directions in <scp>MRI</scp> studies of childâ€• and adultâ€•onset developmental psychopathologies. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2014, 55, 659-680. | 5.2 | 45 |
| 56 | The Striatum and Dopamine. JAMA Psychiatry, 2014, 71, 489. | 11.0 | 8 |
| 57 | Deficits in Predictive Coding Underlie Hallucinations in Schizophrenia. Journal of Neuroscience, 2014, 34, 8072-8082. | 3.6 | 151 |
| 58 | Altered Activation in Fronto-Striatal Circuits During Sequential Processing of Conflict in Unmedicated Adults with Obsessive-Compulsive Disorder. Biological Psychiatry, 2014, 75, 615-622. | 1.3 | 68 |
| 59 | Left amygdalar activation in deficit syndrome compared with non-deficit subjects with schizophrenia during the control task in a facial emotion recognition paradigm. Psychiatry Research - Neuroimaging, 2012, 203, 109-110. | 1.8 | 3 |
| 60 | Conscious and unconscious processes in cognitive control: a theoretical perspective and a novel empirical approach. Frontiers in Human Neuroscience, 2012, 6, 199. | 2.0 | 28 |
| 61 | A 4-year dopamine transporter (DAT) imaging study in neuroleptic-naive first episode schizophrenia patients. Psychiatry Research - Neuroimaging, 2011, 194, 79-84. | 1.8 | 11 |
| 62 | Correlations between ventricular enlargement and gray and white matter volumes of cortex, thalamus, striatum, and internal capsule in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2011, 261, 467-476. | 3.2 | 60 |
| 63 | An fMRI Study of Self-Regulatory Control and Conflict Resolution in Adolescents With Bulimia Nervosa. American Journal of Psychiatry, 2011, 168, 1210-1220. | 7.2 | 131 |
| 64 | Adaptation to Conflict via Context-Driven Anticipatory Signals in the Dorsomedial Prefrontal Cortex. Journal of Neuroscience, 2011, 31, 16208-16216. | 3.6 | 48 |
| 65 | Differential brain glucose metabolic patterns in antipsychotic-naive first-episode schizophrenia with and without auditory verbal hallucinations. Journal of Psychiatry and Neuroscience, 2011, 36, 312-321. | 2.4 | 29 |
| 66 | 18FDG PET study of amygdalar activity during facial emotion recognition in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 69-76. | 3.2 | 29 |
| 67 | Drug-Induced Speech Dysfluency and Myoclonus Preceding Generalized Tonic-Clonic Seizures in an Adolescent Male with Schizophrenia. Journal of Child and Adolescent Psychopharmacology, 2010, 20, 233-234. | 1.3 | 10 |
| 68 | Clinical Experience Using Electroconvulsive Therapy in Adolescents with Schizophrenia Spectrum Disorders. Journal of Child and Adolescent Psychopharmacology, 2010, 20, 205-209. | 1.3 | 35 |
| 69 | Suicide risk in rapid cycling bipolar patients. Journal of Affective Disorders, 2009, 117, 74-78. | 4.1 | 36 |
| 70 | Progressive gray matter changes in first episode schizophrenia: A 4-year longitudinal magnetic resonance study using VBM. Schizophrenia Research, 2009, 114, 136-143. | 2.0 | 94 |
| 71 | Electroconvulsive Therapy in Early Adolescents With Schizophrenia Spectrum Disorders. Journal of ECT, 2009, 25, 278-279. | 0.6 | 11 |
| 72 | Ziprasidone in the Treatment of Affective Disorders: A Review. CNS Neuroscience and Therapeutics, 2008, 14, 278-286. | 3.9 | 23 |

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|----|--|-----|-----------|
| 73 | Effectiveness and Safety of Electroconvulsive Therapy in Patients Under 18 Years Old. Journal of ECT, 2007, 23, 53-54. | 0.6 | 0 |