

Ramiro Salas

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

3,170
citations

201674
27
h-index

168389
53
g-index

76
all docs

76
docs citations

76
times ranked

4460
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nicotinic Receptors in the Habenulo-Interpeduncular System Are Necessary for Nicotine Withdrawal in Mice. <i>Journal of Neuroscience</i> , 2009, 29, 3014-3018. | 3.6 | 274 |
| 2 | Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine. <i>Journal of Clinical Investigation</i> , 2019, 129, 4290-4304. | 8.2 | 264 |
| 3 | Decreased Signs of Nicotine Withdrawal in Mice Null for the $\alpha 4$ Nicotinic Acetylcholine Receptor Subunit. <i>Journal of Neuroscience</i> , 2004, 24, 10035-10039. | 3.6 | 210 |
| 4 | The Nicotinic Acetylcholine Receptor Subunit $\alpha 5$ Mediates Short-Term Effects of Nicotine in Vivo. <i>Molecular Pharmacology</i> , 2003, 63, 1059-1066. | 2.3 | 182 |
| 5 | Altered Anxiety-Related Responses in Mutant Mice Lacking the $\alpha 4$ Subunit of the Nicotinic Receptor. <i>Journal of Neuroscience</i> , 2003, 23, 6255-6263. | 3.6 | 146 |
| 6 | The role of the habenula in drug addiction. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 174. | 2.0 | 122 |
| 7 | The medial habenula: still neglected. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 931. | 2.0 | 114 |
| 8 | Insula and amygdala resting-state functional connectivity differentiate bipolar from unipolar depression. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 129-139. | 4.5 | 110 |
| 9 | BOLD responses to negative reward prediction errors in human habenula. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 36. | 2.0 | 103 |
| 10 | The $\alpha 3$ and $\alpha 4$ nicotinic acetylcholine receptor subunits are necessary for nicotine-induced seizures and hypolocomotion in mice. <i>Neuropharmacology</i> , 2004, 47, 401-407. | 4.1 | 99 |
| 11 | The Nucleus Accumbens and Ketamine Treatment in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 1739-1746. | 5.4 | 94 |
| 12 | Effects of tobacco smoke and electronic cigarette vapor exposure on the oral and gut microbiota in humans: a pilot study. <i>PeerJ</i> , 2018, 6, e4693. | 2.0 | 84 |
| 13 | Prefrontal cortex, temporal cortex, and hippocampus volume are affected in suicidal psychiatric patients. <i>Psychiatry Research - Neuroimaging</i> , 2016, 256, 50-56. | 1.8 | 78 |
| 14 | Decreased withdrawal symptoms but normal tolerance to nicotine in mice null for the $\alpha 7$ nicotinic acetylcholine receptor subunit. <i>Neuropharmacology</i> , 2007, 53, 863-869. | 4.1 | 72 |
| 15 | Prefrontal Connectivity and Glutamate Transmission: Relevance to Depression Pathophysiology and Ketamine Treatment. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 566-574. | 1.5 | 72 |
| 16 | Hippocampal volume and the rapid antidepressant effect of ketamine. <i>Journal of Psychopharmacology</i> , 2015, 29, 591-595. | 4.0 | 67 |
| 17 | Repeated mild traumatic brain injury produces neuroinflammation, anxiety-like behaviour and impaired spatial memory in mice. <i>Brain Injury</i> , 2018, 32, 113-122. | 1.2 | 59 |
| 18 | Characterizing white matter changes in cigarette smokers via diffusion tensor imaging. <i>Drug and Alcohol Dependence</i> , 2014, 145, 134-142. | 3.2 | 58 |

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|----|--|-----|-----------|
| 19 | Belief about nicotine selectively modulates value and reward prediction error signals in smokers. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2539-2544. | 7.1 | 56 |
| 20 | Resting-State Functional Connectivity of the Habenula in Mood Disorder Patients With and Without Suicide-Related Behaviors. Journal of Neuropsychiatry and Clinical Neurosciences, 2019, 31, 49-56. | 1.8 | 55 |
| 21 | <scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277. | 3.6 | 51 |
| 22 | The gut microbiota is associated with psychiatric symptom severity and treatment outcome among individuals with serious mental illness. Journal of Affective Disorders, 2020, 264, 98-106. | 4.1 | 50 |
| 23 | Classifying suicidal behavior with resting-state functional connectivity and structural neuroimaging. Acta Psychiatrica Scandinavica, 2019, 140, 20-29. | 4.5 | 41 |
| 24 | Evolution of genetic networks for human creativity. Molecular Psychiatry, 2022, 27, 354-376. | 7.9 | 36 |
| 25 | Insular resting state functional connectivity is associated with gut microbiota diversity. European Journal of Neuroscience, 2019, 50, 2446-2452. | 2.6 | 35 |
| 26 | Withdrawal Symptoms and Nicotine Dependence Severity Predict Virtual Reality Craving in Cigarette-Deprived Smokers. Nicotine and Tobacco Research, 2015, 17, 796-802. | 2.6 | 33 |
| 27 | Impact of the KCNQ2/3 Channel Opener Ezogabine on Reward Circuit Activity and Clinical Symptoms in Depression: Results From a Randomized Controlled Trial. American Journal of Psychiatry, 2021, 178, 437-446. | 7.2 | 33 |
| 28 | <scp>ENIGMA</scp> anxiety working group: Rationale for and organization of <scp>large-scale</scp> neuroimaging studies of anxiety disorders. Human Brain Mapping, 2022, 43, 83-112. | 3.6 | 31 |
| 29 | Habenular connectivity may predict treatment response in depressed psychiatric inpatients. Journal of Affective Disorders, 2019, 242, 211-219. | 4.1 | 29 |
| 30 | Habenula Connectivity and Intravenous Ketamine in Treatment-Resistant Depression. International Journal of Neuropsychopharmacology, 2021, 24, 383-391. | 2.1 | 28 |
| 31 | Alterations in interhemispheric functional and anatomical connectivity are associated with tobacco smoking in humans. Frontiers in Human Neuroscience, 2015, 9, 116. | 2.0 | 27 |
| 32 | Belief about Nicotine Modulates Subjective Craving and Insula Activity in Deprived Smokers. Frontiers in Psychiatry, 2016, 7, 126. | 2.6 | 25 |
| 33 | Interhemispheric insular and inferior frontal connectivity are associated with substance abuse in a psychiatric population. Neuropharmacology, 2015, 92, 63-68. | 4.1 | 24 |
| 34 | Increased habenular connectivity in opioid users is associated with an $\hat{1}\pm 5$ subunit nicotinic receptor genetic variant. American Journal on Addictions, 2017, 26, 751-759. | 1.4 | 24 |
| 35 | Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. Translational Psychiatry, 2021, 11, 502. | 4.8 | 24 |
| 36 | Hippocampal Volume in Psychiatric Diagnoses: Should Psychiatry Biomarker Research Account for Comorbidities?. Chronic Stress, 2020, 4, 247054702090679. | 3.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Nicotine Relieves Anxiogenic-Like Behavior in Mice that Overexpress the Read-Through Variant of Acetylcholinesterase but Not in Wild-Type Mice. <i>Molecular Pharmacology</i> , 2008, 74, 1641-1648. | 2.3 | 21 |
| 38 | Choosing Money over Drugs: The Neural Underpinnings of Difficult Choice in Chronic Cocaine Users. <i>Journal of Addiction</i> , 2014, 2014, 1-14. | 0.9 | 21 |
| 39 | Translational control of nicotine-evoked synaptic potentiation in mice and neuronal responses in human smokers by eIF2 γ . <i>ELife</i> , 2016, 5, . | 6.0 | 19 |
| 40 | Opposing actions of chronic stress and chronic nicotine on striatal function in mice. <i>Neuroscience Letters</i> , 2008, 440, 32-34. | 2.1 | 17 |
| 41 | Anterior cingulum white matter is altered in tobacco smokers. <i>American Journal on Addictions</i> , 2016, 25, 210-214. | 1.4 | 16 |
| 42 | Objective measurement of sleep, heart rate, heart rate variability, and physical activity in suicidality: A systematic review. <i>Journal of Affective Disorders</i> , 2020, 273, 318-327. | 4.1 | 15 |
| 43 | Playback Theatre as a tool to enhance communication in medical education. <i>Medical Education Online</i> , 2013, 18, 22622. | 2.6 | 14 |
| 44 | Orbitofrontal, dorsal striatum, and habenula functional connectivity in psychiatric patients with substance use problems. <i>Addictive Behaviors</i> , 2020, 108, 106457. | 3.0 | 14 |
| 45 | Lateral mobility and anchoring of recombinant GABA _A receptors depend on subunit composition. <i>Cytoskeleton</i> , 2001, 50, 89-100. | 4.4 | 13 |
| 46 | A Novel Approach to Identifying a Neuroimaging Biomarker for Patients With Serious Mental Illness. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017, 29, 275-283. | 1.8 | 13 |
| 47 | Association of TPH1 and serotonin transporter genotypes with treatment response for suicidal ideation: a preliminary study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 633-642. | 3.2 | 13 |
| 48 | Operationalizing NIMH Research Domain Criteria (RDoC) in naturalistic clinical settings. <i>Bulletin of the Menninger Clinic</i> , 2016, 80, 187-212. | 0.6 | 12 |
| 49 | The habenula as a novel link between the homeostatic and hedonic pathways in cancer-associated weight loss: a pilot study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 497-504. | 7.3 | 12 |
| 50 | Amygdala-frontal connectivity predicts internalizing symptom recovery among inpatient adolescents. <i>Journal of Affective Disorders</i> , 2018, 225, 453-459. | 4.1 | 11 |
| 51 | Altered habenula to locus coeruleus functional connectivity in past anorexia nervosa suggests correlation with suicidality: a pilot study. <i>Eating and Weight Disorders</i> , 2020, 25, 1475-1480. | 2.5 | 11 |
| 52 | Identifying diagnostically-relevant resting state brain functional connectivity in the ventral posterior complex via genetic data mining in autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 553-562. | 3.8 | 10 |
| 53 | Interactions of immediate and long-term action regulation in the course and complications of bipolar disorder. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180132. | 4.0 | 9 |
| 54 | Right temporal pole volume reduction in PTSD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109890. | 4.8 | 9 |

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|----|---|-----|-----------|
| 55 | Neural correlates of healing prayers, depression and traumatic memories: A preliminary study. Complementary Therapies in Medicine, 2016, 27, 123-129. | 2.7 | 8 |
| 56 | Evidence of Altered Habenular Intrinsic Functional Connectivity in Pediatric ADHD. Journal of Attention Disorders, 2021, 25, 749-757. | 2.6 | 8 |
| 57 | Abnormal Social Behavior in Nicotinic Acetylcholine Receptor $\alpha 4$ Subunit-Null Mice. Nicotine and Tobacco Research, 2013, 15, 983-986. | 2.6 | 7 |
| 58 | Genome-wide imaging association study implicates functional activity and glial homeostasis of the caudate in smoking addiction. BMC Genomics, 2017, 18, 740. | 2.8 | 7 |
| 59 | Induction of chicken ovalbumin upstream promoter-transcription factor I (COUP-TFI α) gene expression is mediated by ETS factor binding sites. FEBS Journal, 2002, 269, 317-325. | 0.2 | 6 |
| 60 | Effects of Smoking Status and State on Intrinsic Connectivity. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 895-904. | 1.5 | 6 |
| 61 | Reward Processing in Psychiatric Inpatients With Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 731-740. | 1.5 | 6 |
| 62 | Enhanced Olfactory Cortex Connectivity in a Patient With PTSD With Olfactory Hallucinations. Journal of Neuropsychiatry and Clinical Neurosciences, 2015, 27, e170-e171. | 1.8 | 5 |
| 63 | Process genes list: An approach to link genetics and human brain imaging. Journal of Neuroscience Methods, 2020, 339, 108695. | 2.5 | 5 |
| 64 | Cingulate Cortex Structural Alterations in Substance Use Disorder Psychiatric Inpatients. American Journal on Addictions, 2021, 30, 72-79. | 1.4 | 4 |
| 65 | Smoking status links habenular volume to glycated hemoglobin: Findings from the Human Connectome Project-Young Adult. Psychoneuroendocrinology, 2021, 131, 105321. | 2.7 | 4 |
| 66 | Real time functional MRI training to decrease motion in imaging studies: Lack of significant improvement. Bulletin of the Menninger Clinic, 2016, 80, 348-356. | 0.6 | 3 |
| 67 | A Pilot Study of α -Nicotine Cigarette Smokers and the Effects on Craving After Acute Exposure to α -Nicotine in the Laboratory. American Journal on Addictions, 2019, 28, 361-366. | 1.4 | 3 |
| 68 | Subcortical brain morphometry of avoidant personality disorder. Journal of Affective Disorders, 2020, 274, 1057-1061. | 4.1 | 3 |
| 69 | Altered habenula resting state functional connectivity in deprived veteran tobacco smokers: A pilot study. Bulletin of the Menninger Clinic, 2020, 84, 21-34. | 0.6 | 2 |
| 70 | Brain Morphometry: Suicide. Neuromethods, 2018, , 403-427. | 0.3 | 2 |
| 71 | Decreased Brain Ventricular Volume in Psychiatric Inpatients with Serotonin Reuptake Inhibitor Treatment. Chronic Stress, 2022, 6, 247054702211110. | 3.4 | 2 |
| 72 | Lateral mobility and anchoring of recombinant GABAA receptors depend on subunit composition. , 2001, 50, 89. | | 1 |

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|----|--|-----|-----------|
| 73 | A Novel Approach to Link Genetics and Human MRI Identifies AKAP7-Dependent Subicular/Prefrontal Functional Connectivity as Altered in Suicidality. Chronic Stress, 2022, 6, 247054702210837. | 3.4 | 1 |
| 74 | A Pilot Study on Playback Theatre as a Therapeutic Aid after Natural Disasters: Brain Connectivity Mechanisms of Effects on Anxiety. Chronic Stress, 2020, 4, 247054702096656. | 3.4 | 0 |
| 75 | Emotional self-regulation, impulsivity, 5-HTTLPR and tobacco use behavior among psychiatric inpatients. Journal of Affective Disorders, 2022, , . | 4.1 | 0 |