

# Jordi Riba

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

6,216  
citations

71004

43  
h-index

104191

69  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3886  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Kappa Opioid Receptor and the Sleep of Reason: Cortico-Subcortical Imbalance Following Salvinorin-A. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 54-63.   | 1.0 | 7         |
| 2  | Ayahuasca as a Versatile Therapeutic Agent: From Molecules to Metacognition and Back. , 2021, , 1-19.   |     | 0         |
| 3  | Dopamine modulations of reward-driven music memory consolidation. <i>Annals of the New York Academy of Sciences</i> , 2021, 1502, 85-98.  | 1.8 | 17        |
| 4  | Prospective examination of synthetic 5-methoxy-N,N-dimethyltryptamine inhalation: effects on salivary IL-6, cortisol levels, affect, and non-judgment. <i>Psychopharmacology</i> , 2020, 237, 773-785.  | 1.5 | 61        |
| 5  | N,N-dimethyltryptamine compound found in the hallucinogenic tea ayahuasca, regulates adult neurogenesis in vitro and in vivo. <i>Translational Psychiatry</i> , 2020, 10, 331.  | 2.4 | 59        |
| 6  | Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. <i>Psychological Medicine</i> , 2019, 49, 655-663.  | 2.7 | 479       |
| 7  | Dopamine modulates the reward experiences elicited by music. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3793-3798.   | 3.3 | 186       |
| 8  | Ayahuasca improves emotion dysregulation in a community sample and in individuals with borderline-like traits. <i>Psychopharmacology</i> , 2019, 236, 573-580.  | 1.5 | 48        |
| 9  | Neoadjuvant Chemotherapy for Breast Cancer Treatment and the Evidence-Based Interaction with Immediate Autologous and Implant-Based Breast Reconstruction. <i>Clinics in Plastic Surgery</i> , 2018, 45, 25-31.   | 0.7 | 11        |
| 10 | Four Weekly Ayahuasca Sessions Lead to Increases in "Acceptance" Capacities: A Comparison Study With a Standard 8-Week Mindfulness Training Program. <i>Frontiers in Pharmacology</i> , 2018, 9, 224.   | 1.6 | 66        |
| 11 | Intrinsically regulated learning is modulated by synaptic dopamine signaling. <i>ELife</i> , 2018, 7, .   | 2.8 | 36        |
| 12 | Validation of a Spanish version of the Schizotypal Personality Questionnaire (SPQ): Psychometric characteristics and underlying factor structure derived from a healthy university student sample. <i>Actas Espanolas De Psiquiatria</i> , 2018, 46, 159-73.                                  | 0.1 | 2         |
| 13 | Cocaine addiction is associated with abnormal prefrontal function, increased striatal connectivity and sensitivity to monetary incentives, and decreased connectivity outside the human reward circuit. <i>Addiction Biology</i> , 2017, 22, 844-856.   | 1.4 | 37        |
| 14 | Assessing the Psychedelic "After-Glow" in Ayahuasca Users: Post-Acute Neurometabolic and Functional Connectivity Changes Are Associated with Enhanced Mindfulness Capacities. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 698-711.                                    | 1.0 | 111       |
| 15 | The alkaloids of <i>Banisteriopsis caapi</i> , the plant source of the Amazonian hallucinogen Ayahuasca, stimulate adult neurogenesis in vitro. <i>Scientific Reports</i> , 2017, 7, 5309.  | 1.6 | 112       |
| 16 | Non-demented Parkinson's disease patients with apathy show decreased grey matter volume in key executive and reward-related nodes. <i>Brain Imaging and Behavior</i> , 2017, 11, 1334-1342.   | 1.1 | 42        |
| 17 | Population pharmacokinetic modelling of rupatadine solution in 6-11 year olds and optimisation of the experimental design in younger children. <i>PLoS ONE</i> , 2017, 12, e0176091.  | 1.1 | 7         |
| 18 | The Endogenous Hallucinogen and Trace Amine N,N-Dimethyltryptamine (DMT) Displays Potent Protective Effects against Hypoxia via Sigma-1 Receptor Activation in Human Primary iPSC-Derived Cortical Neurons and Microglia-Like Immune Cells. <i>Frontiers in Neuroscience</i> , 2016, 10, 423. | 1.4 | 64        |

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|----|---|-----|-----------|
| 19 | New World Tryptamine Hallucinogens and the Neuroscience of Ayahuasca. Current Topics in Behavioral Neurosciences, 2016, 36, 283-311.  | 0.8 | 37        |
| 20 | Ayahuasca enhances creative divergent thinking while decreasing conventional convergent thinking. Psychopharmacology, 2016, 233, 3395-3403.   | 1.5 | 125       |
| 21 | Neurophysiological evidence of impaired self-monitoring in schizotypal personality disorder and its reversal by dopaminergic antagonism. NeuroImage: Clinical, 2016, 11, 770-779.   | 1.4 | 25        |
| 22 | Antidepressant Effects of a Single Dose of Ayahuasca in Patients With Recurrent Depression. Journal of Clinical Psychopharmacology, 2016, 36, 77-81.  | 0.7 | 364       |
| 23 | Antidepressive, anxiolytic, and antiaddictive effects of ayahuasca, psilocybin and lysergic acid diethylamide (LSD): a systematic review of clinical trials published in the last 25 years. Therapeutic Advances in Psychopharmacology, 2016, 6, 193-213. | 1.2 | 204       |
| 24 | Inhibition of alpha oscillations through serotonin-2A receptor activation underlies the visual effects of ayahuasca in humans. European Neuropsychopharmacology, 2016, 26, 1161-1175.   | 0.3 | 123       |
| 25 | Naltrexone but Not Ketanserin Antagonizes the Subjective, Cardiovascular, and Neuroendocrine Effects of Salvinorin-A in Humans. International Journal of Neuropsychopharmacology, 2016, 19, pyw016.   | 1.0 | 25        |
| 26 | Ayahuasca: Pharmacology, neuroscience and therapeutic potential. Brain Research Bulletin, 2016, 126, 89-101.  | 1.4 | 135       |
| 27 | Exploring the therapeutic potential of Ayahuasca: acute intake increases mindfulness-related capacities. Psychopharmacology, 2016, 233, 823-829.  | 1.5 | 134       |
| 28 | Ayahuasca Alters Structural Parameters of the Rat Aorta. Journal of Cardiovascular Pharmacology, 2015, 66, 58-62.   | 0.8 | 7         |
| 29 | Neurophysiological Evidence of Compensatory Brain Mechanisms in Early-Stage Multiple Sclerosis. PLoS ONE, 2015, 10, e0136786.   | 1.1 | 31        |
| 30 | New World Tryptamine Hallucinogens and the Neuroscience of Ayahuasca. Current Topics in Behavioral Neurosciences, 2015, , 1.  | 0.8 | 20        |
| 31 | Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. European Neuropsychopharmacology, 2015, 25, 483-492.  | 0.3 | 145       |
| 32 | Evaluation of multiple comparison correction procedures in drug assessment studies using LORETA maps. Medical and Biological Engineering and Computing, 2015, 53, 1011-1023.  | 1.6 | 11        |
| 33 | Salvinorin-A Induces Intense Dissociative Effects, Blocking External Sensory Perception and Modulating Interoception and Sense of Body Ownership in Humans. International Journal of Neuropsychopharmacology, 2015, 18, pyv065.                           | 1.0 | 46        |
| 34 | Serotonergic Psychedelics Temporarily Modify Information Transfer in Humans. International Journal of Neuropsychopharmacology, 2015, 18, .  | 1.0 | 67        |
| 35 | Telling true from false: cannabis users show increased susceptibility to false memories. Molecular Psychiatry, 2015, 20, 772-777.   | 4.1 | 30        |
| 36 | Metabolism and urinary disposition of <i>N,N</i> -dimethyltryptamine after oral and smoked administration: a comparative study. Drug Testing and Analysis, 2015, 7, 401-406.  | 1.6 | 67        |

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|----|---|-----|-----------|
| 37 | Antidepressant effects of a single dose of ayahuasca in patients with recurrent depression: a preliminary report. <i>Revista Brasileira De Psiquiatria</i> , 2015, 37, 13-20.                       | 0.9 | 341       |
| 38 | Apathy in Parkinson's Disease: Neurophysiological Evidence of Impaired Incentive Processing. <i>Journal of Neuroscience</i> , 2014, 34, 5918-5926.  | 1.7 | 55        |
| 39 | Assessment of the Psychotherapeutic Effects of Ritual Ayahuasca Use on Drug Dependency: A Pilot Study. , 2014, , 183-196.   |     | 18        |
| 40 | Ayahuasca and the Treatment of Drug Addiction. , 2014, , 95-109.  |     | 25        |
| 41 | Acute effects of ayahuasca on neuropsychological performance: differences in executive function between experienced and occasional users. <i>Psychopharmacology</i> , 2013, 230, 415-424.           | 1.5 | 71        |
| 42 | Methodology for determining major constituents of ayahuasca and their metabolites in blood. <i>Biomedical Chromatography</i> , 2012, 26, 301-313.   | 0.8 | 41        |
| 43 | Personality, Psychopathology, Life Attitudes and Neuropsychological Performance among Ritual Users of Ayahuasca: A Longitudinal Study. <i>PLoS ONE</i> , 2012, 7, e42421.                           | 1.1 | 202       |
| 44 | 4-Bromo-2,5-dimethoxyphenethylamine (2C-B): presence in the recreational drug market in Spain, pattern of use and subjective effects. <i>Journal of Psychopharmacology</i> , 2012, 26, 1026-1035.   | 2.0 | 92        |
| 45 | Metabolism and disposition of <i>N,N</i> -dimethyltryptamine and harmala alkaloids after oral administration of ayahuasca. <i>Drug Testing and Analysis</i> , 2012, 4, 610-616.                     | 1.6 | 68        |
| 46 | Pharmacology of ayahuasca administered in two repeated doses. <i>Psychopharmacology</i> , 2012, 219, 1039-1053.   | 1.5 | 108       |
| 47 | Characterization of the cerebral activity by time-frequency representation of evoked EEG potentials. <i>Physiological Measurement</i> , 2011, 32, 1327-1346.  | 1.2 | 9         |
| 48 | Methodology for and the determination of the major constituents and metabolites of the Amazonian botanical medicine ayahuasca in human urine. <i>Biomedical Chromatography</i> , 2011, 25, 970-984. | 0.8 | 35        |
| 49 | Autonomic, Neuroendocrine, and Immunological Effects of Ayahuasca. <i>Journal of Clinical Psychopharmacology</i> , 2011, 31, 717-726.   | 0.7 | 109       |
| 50 | An fMRI Study on the Role of Serotonin in Reactive Aggression. <i>PLoS ONE</i> , 2011, 6, e27668.   | 1.1 | 53        |
| 51 | A neuroimaging study of conflict during word recognition. <i>NeuroReport</i> , 2010, 21, 741-745.   | 0.6 | 2         |
| 52 | Drug effect on EEG connectivity assessed by linear and nonlinear couplings. <i>Human Brain Mapping</i> , 2010, 31, 487-497.   | 1.9 | 33        |
| 53 | Assessment of addiction severity among ritual users of ayahuasca. <i>Drug and Alcohol Dependence</i> , 2010, 111, 257-261.  | 1.6 | 179       |
| 54 | Syllable congruency and word frequency effects on brain activation. <i>Human Brain Mapping</i> , 2009, 30, 3079-3088.   | 1.9 | 43        |

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|----|--|-----|-----------|
| 55 | Daytime Ayahuasca administration modulates REM and slow-wave sleep in healthy volunteers. <i>Psychopharmacology</i> , 2008, 196, 315-326.  | 1.5 | 48        |
| 56 | Dopamine Agonist Increases Risk Taking but Blunts Reward-Related Brain Activity. <i>PLoS ONE</i> , 2008, 3, e2479.   | 1.1 | 134       |
| 57 | Pattern of use and subjective effects of <i>Salvia divinorum</i> among recreational users. <i>Drug and Alcohol Dependence</i> , 2006, 85, 157-162.   | 1.6 | 168       |
| 58 | Influence of individual differences in Behavioral Inhibition System on the magnitude and time course of the fear-potentiated startle. <i>International Journal of Psychophysiology</i> , 2006, 60, 323-329.  | 0.5 | 6         |
| 59 | Increased frontal and paralimbic activation following ayahuasca, the pan-amazonian inebriant. <i>Psychopharmacology</i> , 2006, 186, 93-98.  | 1.5 | 200       |
| 60 | Quantifying Drug-Drug Interactions in Pharmaco-EEG. <i>Clinical EEG and Neuroscience</i> , 2006, 37, 108-120.  | 0.9 | 9         |
| 61 | A neurophysiological study of the detrimental effects of alprazolam on human action monitoring. <i>Cognitive Brain Research</i> , 2005, 25, 554-565.   | 3.3 | 57        |
| 62 | Noradrenergic Stimulation Enhances Human Action Monitoring. <i>Journal of Neuroscience</i> , 2005, 25, 4370-4374.  | 1.7 | 74        |
| 63 | Bringing Ayahuasca to the Clinical Research Laboratory. <i>Journal of Psychoactive Drugs</i> , 2005, 37, 219-230.  | 1.0 | 45        |
| 64 | Effects of the South American Psychoactive Beverage <i>Ayahuasca</i> on Regional Brain Electrical Activity in Humans: A Functional Neuroimaging Study Using Low-Resolution Electromagnetic Tomography. <i>Neuropsychobiology</i> , 2004, 50, 89-101.           | 0.9 | 107       |
| 65 | Human Pharmacology of Ayahuasca: Subjective and Cardiovascular Effects, Monoamine Metabolite Excretion, and Pharmacokinetics. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 73-83.   | 1.3 | 285       |
| 66 | Effects of ayahuasca on sensory and sensorimotor gating in humans as measured by P50 suppression and prepulse inhibition of the startle reflex, respectively. <i>Psychopharmacology</i> , 2002, 165, 18-28.  | 1.5 | 61        |
| 67 | Topographic pharmaco-EEG mapping of the effects of the South American psychoactive beverage ayahuasca in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2002, 53, 613-628.  | 1.1 | 108       |
| 68 | Determination of N,N-dimethyltryptamine and $\hat{I}^2$ -carboline alkaloids in human plasma following oral administration of Ayahuasca. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 779, 271-281. | 1.2 | 72        |
| 69 | Psychometric assessment of the Hallucinogen Rating Scale†. <i>Drug and Alcohol Dependence</i> , 2001, 62, 215-223.   | 1.6 | 67        |
| 70 | Subjective effects and tolerability of the South American psychoactive beverage Ayahuasca in healthy volunteers. <i>Psychopharmacology</i> , 2001, 154, 85-95.   | 1.5 | 235       |
| 71 | Differential effects of alprazolam on the baseline and fear-potentiated startle reflex in humans: a dose-response study. <i>Psychopharmacology</i> , 2001, 157, 358-367.   | 1.5 | 54        |
| 72 | Effects of alprazolam on the acoustic startle response in humans. <i>Psychopharmacology</i> , 1999, 143, 280-285.  | 1.5 | 38        |