

# Luis F Callado

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139  
papers

3,503  
citations

32  
h-index

54  
g-index

161  
ext. papers

3,987  
ext. citations

4.8  
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5.02  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 139 | Identification of a serotonin/glutamate receptor complex implicated in psychosis. <i>Nature</i> , <b>2008</b> , 452, 93-7  | 50.4 | 623       |
| 138 | HDAC2 regulates atypical antipsychotic responses through the modulation of mGlu2 promoter activity. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 1245-54   | 25.5 | 208       |
| 137 | Effectiveness of pindolol plus serotonin uptake inhibitors in depression: a meta-analysis of early and late outcomes from randomised controlled trials. <i>Journal of Affective Disorders</i> , <b>2004</b> , 79, 137-47                               | 6.6  | 118       |
| 136 | Selective increase of alpha2A-adrenoceptor agonist binding sites in brains of depressed suicide victims. <i>Journal of Neurochemistry</i> , <b>1998</b> , 70, 1114-23  | 6    | 103       |
| 135 | Identification of three residues essential for 5-hydroxytryptamine 2A-metabotropic glutamate 2 (5-HT2A/mGlu2) receptor heteromerization and its psychoactive behavioral function. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 44301-19 | 5.4  | 94        |
| 134 | Immunodensity and mRNA expression of A2A adenosine, D2 dopamine, and CB1 cannabinoid receptors in postmortem frontal cortex of subjects with schizophrenia: effect of antipsychotic treatment. <i>Psychopharmacology</i> , <b>2009</b> , 206, 313-24   | 4.7  | 88        |
| 133 | Alpha2A- but not alpha2B/C-adrenoceptors modulate noradrenaline release in rat locus coeruleus: voltammetric data. <i>European Journal of Pharmacology</i> , <b>1999</b> , 366, 35-9   | 5.3  | 80        |
| 132 | Non-adrenoceptor [3H]idazoxan binding sites (I2-imidazoline sites) are increased in postmortem brain from patients with Alzheimer's disease. <i>Neuroscience Letters</i> , <b>1993</b> , 160, 109-12   | 3.3  | 66        |
| 131 | Stereoselective effects of ketamine on dopamine, serotonin and noradrenaline release and uptake in rat brain slices. <i>Neurochemistry International</i> , <b>2004</b> , 44, 1-7   | 4.4  | 59        |
| 130 | Dysregulated 5-HT(2A) receptor binding in postmortem frontal cortex of schizophrenic subjects. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 852-64  | 1.2  | 54        |
| 129 | Quantification of endocannabinoids in postmortem brain of schizophrenic subjects. <i>Schizophrenia Research</i> , <b>2013</b> , 148, 145-50  | 3.6  | 52        |
| 128 | A combined analysis of microarray gene expression studies of the human prefrontal cortex identifies genes implicated in schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2012</b> , 46, 1464-74  | 5.2  | 52        |
| 127 | Characterization of CB1 cannabinoid receptor immunoreactivity in postmortem human brain homogenates. <i>Neuroscience</i> , <b>2006</b> , 140, 635-43   | 3.9  | 49        |
| 126 | Antipsychotic-induced Hdac2 transcription via NF- $\kappa$ B leads to synaptic and cognitive side effects. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 1247-1259  | 25.5 | 47        |
| 125 | Evaluation of 5-HT2A and mGlu2/3 receptors in postmortem prefrontal cortex of subjects with major depressive disorder: effect of antidepressant treatment. <i>Neuropharmacology</i> , <b>2014</b> , 86, 311-8  | 5.5  | 47        |
| 124 | Molecular adaptations of apoptotic pathways and signaling partners in the cerebral cortex of human cocaine addicts and cocaine-treated rats. <i>Neuroscience</i> , <b>2011</b> , 196, 1-15   | 3.9  | 44        |
| 123 | Biased Agonism of Three Different Cannabinoid Receptor Agonists in Mouse Brain Cortex. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 415   | 5.6  | 44        |

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|-----|--|------|----|
| 122 | Alpha 2-adrenoceptor subtypes in the human brain: a pharmacological delineation of [3H]RX-821002 binding to membranes and tissue sections. <i>European Journal of Pharmacology</i> , <b>1996</b> , 310, 83-93  | 5.3  | 43 |
| 121 | Synthesis and pharmacological studies of new hybrid derivatives of fentanyl active at the mu-opioid receptor and I2-imidazoline binding sites. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 6570-80   | 3.4  | 42 |
| 120 | Evidence of activation of the Toll-like receptor-4 proinflammatory pathway in patients with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , <b>2016</b> , 41, E46-55  | 4.5  | 41 |
| 119 | Opposite changes in cannabinoid CB1 and CB2 receptor expression in human gliomas. <i>Neurochemistry International</i> , <b>2010</b> , 56, 829-33   | 4.4  | 39 |
| 118 | Effects of dizocilpine (MK 801) on noradrenaline, serotonin and dopamine release and uptake. <i>NeuroReport</i> , <b>2000</b> , 11, 173-6  | 1.7  | 39 |
| 117 | Guanidine and 2-aminoimidazoline aromatic derivatives as alpha2-adrenoceptor antagonists. 2. Exploring alkyl linkers for new antidepressants. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 3304-12  | 8.3  | 38 |
| 116 | Group II Metabotropic Glutamate Receptors as Targets for Novel Antipsychotic Drugs. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 130  | 5.6  | 37 |
| 115 | Intracellular inflammatory and antioxidant pathways in postmortem frontal cortex of subjects with major depression: effect of antidepressants. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 251   | 10.1 | 37 |
| 114 | The endocannabinoid system in mental disorders: Evidence from human brain studies. <i>Biochemical Pharmacology</i> , <b>2018</b> , 157, 97-107   | 6    | 36 |
| 113 | Chronic cannabis promotes pro-hallucinogenic signaling of 5-HT2A receptors through Akt/mTOR pathway. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 2028-2035  | 8.7  | 34 |
| 112 | Guanidine and 2-aminoimidazoline aromatic derivatives as alpha(2)-adrenoceptor antagonists, 1: toward new antidepressants with heteroatomic linkers. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4516-27   | 8.3  | 34 |
| 111 | Screening and quantification of antipsychotic drugs in human brain tissue by liquid chromatography-tandem mass spectrometry: application to postmortem diagnostics of forensic interest. <i>Forensic Science International</i> , <b>2012</b> , 219, 172-8  | 2.6  | 33 |
| 110 | Guanidine and 2-aminoimidazoline aromatic derivatives as alpha2-adrenoceptor ligands: searching for structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 601-9  | 8.3  | 33 |
| 109 | Spatiotemporal interaction of alpha(2) autoreceptors and noradrenaline transporters in the rat locus coeruleus: implications for volume transmission. <i>Journal of Neurochemistry</i> , <b>2000</b> , 74, 2350-8  | 6    | 33 |
| 108 | Phosphorylation of FADD (Fas-associated death domain protein) at serine 194 is increased in the prefrontal cortex of opiate abusers: relation to mitogen activated protein kinase, phosphoprotein enriched in astrocytes of 15 kDa, and Akt signaling pathways involved in neuroplasticity. <i>Neuroscience</i> , <b>2009</b> , 161, 23-38 | 3.9  | 32 |
| 107 | Long-acting fentanyl analogues: synthesis and pharmacology of N-(1-phenylpyrazolyl)-N-(1-phenylalkyl-4-piperidyl)propanamides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 817-27  | 3.4  | 32 |
| 106 | Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 877-886  | 8.7  | 30 |
| 105 | Increased density of I2-imidazoline receptors in human glioblastomas. <i>NeuroReport</i> , <b>1996</b> , 7, 1393-6   | 1.7  | 30 |

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|-----|---|-----|----|
| 104 | Recent cocaine use is a significant risk factor for sudden cardiovascular death in 15-49-year-old subjects: a forensic case-control study. <i>Addiction</i> , <b>2014</b> , 109, 2071-8   | 4.6 | 29 |
| 103 | The subtype-selective alpha 2-adrenoceptor antagonists BRL 44408 and ARC 239 also recognize 5-HT1A receptors in the rat brain. <i>European Journal of Pharmacology</i> , <b>1996</b> , 312, 385-8   | 5.3 | 29 |
| 102 | Increased $\alpha$ - and $\beta$ -adrenoceptor densities in postmortem brain of subjects with depression: differential effect of antidepressant treatment. <i>Journal of Affective Disorders</i> , <b>2014</b> , 167, 343-50                                | 6.6 | 28 |
| 101 | The endocannabinoid system is altered in the post-mortem prefrontal cortex of alcoholic subjects. <i>Addiction Biology</i> , <b>2015</b> , 20, 773-83   | 4.6 | 27 |
| 100 | In vivo potentiation of reboxetine and citalopram effect on extracellular noradrenaline in rat brain by $\alpha$ -adrenoceptor antagonism. <i>European Neuropsychopharmacology</i> , <b>2010</b> , 20, 813-22   | 1.2 | 27 |
| 99  | Alcohol-related brain damage in humans. <i>PLoS ONE</i> , <b>2014</b> , 9, e93586   | 3.7 | 25 |
| 98  | Guanidinium and aminoimidazolium derivatives of N-(4-piperidyl)propanamides as potential ligands for mu opioid and I2-imidazoline receptors: synthesis and pharmacological screening. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 1009-18 | 3.4 | 25 |
| 97  | Schizophrenia and depression, two poles of endocannabinoid system deregulation. <i>Translational Psychiatry</i> , <b>2017</b> , 7, 1291   | 8.6 | 24 |
| 96  | Neurological soft signs in patients with psychosis and cannabis abuse: a systematic review and meta-analysis of paradox. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 5156-64   | 3.3 | 23 |
| 95  | The inverse agonist effect of rimonabant on G protein activation is not mediated by the cannabinoid CB1 receptor: evidence from postmortem human brain. <i>Biochemical Pharmacology</i> , <b>2012</b> , 83, 260-8   | 6   | 22 |
| 94  | Brain RGS4 and RGS10 protein expression in schizophrenia and depression. Effect of drug treatment. <i>Psychopharmacology</i> , <b>2013</b> , 226, 177-88  | 4.7 | 22 |
| 93  | Regulation of phospholipase Cbeta activity by muscarinic acetylcholine and 5-HT(2) receptors in crude and synaptosomal membranes from human cerebral cortex. <i>Neuropharmacology</i> , <b>2001</b> , 40, 686-95  | 5.5 | 22 |
| 92  | Semaphorin and plexin gene expression is altered in the prefrontal cortex of schizophrenia patients with and without auditory hallucinations. <i>Psychiatry Research</i> , <b>2015</b> , 229, 850-7   | 9.9 | 21 |
| 91  | $\alpha$ -adrenoceptor antagonists: synthesis, pharmacological evaluation, and molecular modeling investigation of pyridinoguanidine, pyridino-2-aminoimidazoline and their derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 963-77   | 8.3 | 21 |
| 90  | Involvement of the endocannabinoid system in alcohol dependence: the biochemical, behavioral and genetic evidence. <i>Drug and Alcohol Dependence</i> , <b>2011</b> , 117, 102-10   | 4.9 | 21 |
| 89  | Altered presynaptic function in monoaminergic neurons of monoamine oxidase-A knockout mice. <i>European Journal of Neuroscience</i> , <b>2002</b> , 15, 1516-22   | 3.5 | 21 |
| 88  | Alteraciones neurobiológicas en el alcoholismo: revisión. <i>Revista De Psicología De La Salud</i> , <b>2014</b> , 26, 360  | 1   | 21 |
| 87  | Effects of chronic tramadol on pre- and post-synaptic measures of monoamine function. <i>Journal of Psychopharmacology</i> , <b>2001</b> , 15, 147-53   | 4.6 | 20 |

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|----|---|-----|----|
| 86 | [3H]RX821002 (2-methoxyidazoxan) binds to alpha 2-adrenoceptor subtypes and a non-adrenoceptor imidazoline binding site in rat kidney. <i>European Journal of Pharmacology</i> , <b>1996</b> , 316, 359-68  | 5.3 | 20 |
| 85 | Antidepressant-like properties of three new $\alpha$ -adrenoceptor antagonists. <i>Neuropharmacology</i> , <b>2013</b> , 65, 13-9   | 5.5 | 19 |
| 84 | Imidazoline I(2) receptor density increases with the malignancy of human gliomas. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2004</b> , 75, 785-7  | 5.5 | 19 |
| 83 | I(2)-imidazoline binding site affinity of a structurally different type of ligands. <i>Bioorganic and Medicinal Chemistry</i> , <b>2002</b> , 10, 1525-33   | 3.4 | 19 |
| 82 | Serotonin 5-HT receptor expression and functionality in postmortem frontal cortex of subjects with schizophrenia: Selective biased agonism via G-proteins. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 1453-1463  | 1.2 | 19 |
| 81 | Fentanyl derivatives bearing aliphatic alkaneguanidinium moieties: a new series of hybrid molecules with significant binding affinity for mu-opioid receptors and I2-imidazoline binding sites. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 491-3 | 2.9 | 18 |
| 80 | Neuroprotective Effects of a Structurally New Family of High Affinity Imidazoline I Receptor Ligands. <i>ACS Chemical Neuroscience</i> , <b>2017</b> , 8, 737-742   | 5.7 | 17 |
| 79 | Endocannabinoid system imbalance in the postmortem prefrontal cortex of subjects with schizophrenia. <i>Journal of Psychopharmacology</i> , <b>2019</b> , 33, 1132-1140   | 4.6 | 17 |
| 78 | Monoamine oxidase B activity is increased in human gliomas. <i>Neurochemistry International</i> , <b>2008</b> , 52, 230-4   | 4.4 | 17 |
| 77 | Interactions of platelets with Synthocytes, a novel platelet substitute. <i>Platelets</i> , <b>2002</b> , 13, 197-205   | 3.6 | 17 |
| 76 | Thiophene/thiazole-benzene replacement on guanidine derivatives targeting $\alpha$ Adrenoceptors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 38-50   | 6.8 | 16 |
| 75 | Additive effect of rimonabant and citalopram on extracellular serotonin levels monitored with in vivo microdialysis in rat brain. <i>European Journal of Pharmacology</i> , <b>2013</b> , 709, 13-9   | 5.3 | 16 |
| 74 | Aminopeptidase activity in the postmortem brain of human heroin addicts. <i>Neurochemistry International</i> , <b>2005</b> , 46, 213-9  | 4.4 | 15 |
| 73 | Synthesis and opioid activity of new fentanyl analogs. <i>Life Sciences</i> , <b>2002</b> , 71, 1023-34   | 6.8 | 15 |
| 72 | Novel synthesis and pharmacological evaluation as alpha2-adrenoceptor ligands of O-phenylisouronium salts. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 8210-7   | 3.4 | 14 |
| 71 | Subcellular distribution of membrane-bound aminopeptidases in the human and rat brain. <i>Neuroscience Letters</i> , <b>2005</b> , 383, 136-40  | 3.3 | 14 |
| 70 | Synthesis and Pharmacological Evaluation of Chlorinated N-Alkyl-3- and -5-(2-hydroxyphenyl)pyrazoles as CB 1 Cannabinoid Ligands. <i>Monatshefte für Chemie</i> , <b>2007</b> , 138, 797-811  | 1.4 | 13 |
| 69 | Differences in Criminal Activity Between Heroin Abusers and Subjects Without Psychiatric Disorders—Analysis of 578 Detainees in Bilbao, Spain. <i>Journal of Forensic Sciences</i> , <b>1998</b> , 43, 14347J   | 1.8 | 12 |

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|----|--|------|----|
| 68 | Substituted conformationally restricted guanidine derivatives: Probing the $\alpha$ -adrenoceptors binding pocket. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 123, 48-57   | 6.8  | 12 |
| 67 | Behavioral and Cognitive Improvement Induced by Novel Imidazoline I Receptor Ligands in Female SAMP8 Mice. <i>Neurotherapeutics</i> , <b>2019</b> , 16, 416-431  | 6.4  | 12 |
| 66 | Combining rimonabant and fentanyl in a single entity: preparation and pharmacological results. <i>Drug Design, Development and Therapy</i> , <b>2014</b> , 8, 263-77   | 4.4  | 11 |
| 65 | Description of a bivalent cannabinoid ligand with hypophagic properties. <i>Archiv Der Pharmazie</i> , <b>2013</b> , 346, 171-9  | 4.3  | 11 |
| 64 | Gi protein coupling to adenosine A1-A2A receptor heteromers in human brain caudate nucleus. <i>Journal of Neurochemistry</i> , <b>2010</b> , 114, 972-80   | 6    | 11 |
| 63 | Cartography of hevin-expressing cells in the adult brain reveals prominent expression in astrocytes and parvalbumin neurons. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 1219-1244  | 4    | 10 |
| 62 | The N251K functional polymorphism in the alpha(2A)-adrenoceptor gene is not associated with depression: a study in suicide completers. <i>Psychopharmacology</i> , <b>2006</b> , 184, 82-6   | 4.7  | 10 |
| 61 | Synthesis and pharmacological evaluation of new (E)- and (Z)-3-aryl-4-styryl-1H-pyrazoles as potential cannabinoid ligands. <i>Arkivoc</i> , <b>2010</b> , 2010, 226-247   | 0.9  | 10 |
| 60 | Ribosomal Protein S6 Hypofunction in Postmortem Human Brain Links mTORC1-Dependent Signaling and Schizophrenia. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 344   | 5.6  | 9  |
| 59 | Functional activation of G $\beta$ coupled to 5-HT receptor and M muscarinic acetylcholine receptor in postmortem human cortical membranes. <i>Journal of Neural Transmission</i> , <b>2017</b> , 124, 1123-1133   | 4.3  | 9  |
| 58 | A follow-up investigation on the quality of medical documents from examinations of Basque incommunicado detainees: the role of the medical doctors and national and international authorities in the prevention of ill-treatment and torture. <i>Forensic Science International</i> , <b>2008</b> , 182, 57-65 | 2.6  | 9  |
| 57 | Decreased striatal adenosine A-dopamine D receptor heteromerization in schizophrenia. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 665-672   | 8.7  | 9  |
| 56 | Bicyclic $\beta$ aminophosphonates as High Affinity Imidazoline I Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 3610-3633  | 8.3  | 8  |
| 55 | Guanidine-based $\alpha$ -adrenoceptor ligands: Towards selective antagonist activity. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 82, 242-54   | 6.8  | 8  |
| 54 | Subcellular specificity of cannabinoid effects in striatonigral circuits. <i>Neuron</i> , <b>2021</b> , 109, 1513-1526.e11   | 13.9 | 8  |
| 53 | Adenosine A1( ) receptors are selectively coupled to G $\beta$ (-3) in postmortem human brain cortex: Guanosine-5'-[3-(35S)thio]triphosphate ([35S]GTP $\gamma$ S) binding/immunoprecipitation study. <i>European Journal of Pharmacology</i> , <b>2015</b> , 764, 592-598                                     | 5.3  | 7  |
| 52 | Altered CB1 receptor coupling to G-proteins in the post-mortem caudate nucleus and cerebellum of alcoholic subjects. <i>Journal of Psychopharmacology</i> , <b>2015</b> , 29, 1137-45  | 4.6  | 7  |
| 51 | Opposite changes in imidazoline I2 receptors and alpha2-adrenoceptors density in rat frontal cortex after induced gliosis. <i>Life Sciences</i> , <b>2005</b> , 78, 205-9  | 6.8  | 7  |

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|----|---|-----|---|
| 50 | Levels of G-protein alpha q/11 subunits and of phospholipase C-beta(1-4), -gamma, and -delta1 isoforms in postmortem human brain caudate and cortical membranes: potential functional implications. <i>Neurochemistry International</i> , <b>2006</b> , 49, 72-9                                  | 4.4 | 7 |
| 49 | Differential postmortem delay effect on agonist-mediated phospholipase Cbeta activity in human cortical crude and synaptosomal brain membranes. <i>Neurochemical Research</i> , <b>2004</b> , 29, 1461-5  | 4.6 | 7 |
| 48 | Differential $\beta$ and $\beta$ adrenoceptor protein expression in presynaptic and postsynaptic density fractions of postmortem human prefrontal cortex. <i>Journal of Psychopharmacology</i> , <b>2019</b> , 33, 244-249  | 4.6 | 7 |
| 47 | The Loss of $\beta$ and $\beta$ Tubulin Proteins Are a Pathological Hallmark of Chronic Alcohol Consumption and Natural Brain Ageing. <i>Brain Sciences</i> , <b>2018</b> , 8,  | 3.4 | 7 |
| 46 | Neurobiological alterations in alcohol addiction: a review. <i>Revista De Psicologia De La Salud</i> , <b>2014</b> , 26, 360-70   | 1   | 7 |
| 45 | Sudden cardiac death associated to substances of abuse and psychotropic drugs consumed by young people: A population study based on forensic autopsies. <i>Drug and Alcohol Dependence</i> , <b>2019</b> , 201, 23-28   | 4.9 | 6 |
| 44 | Calcium-binding proteins are altered in the cerebellum in schizophrenia. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230400   | 3.7 | 6 |
| 43 | Low-affinity conditions for agonists increase the binding of the antagonist [3H]RX821002 to the alpha(2B/C)-adrenoceptor subtypes in human brain and rat kidney. <i>European Journal of Pharmacology</i> , <b>1997</b> , 332, 109-12  | 5.3 | 6 |
| 42 | I2-Imidazoline receptors and monoamine oxidase B enzyme sites in human brain: covariation with age. <i>Neuroscience Letters</i> , <b>2000</b> , 288, 135-8  | 3.3 | 6 |
| 41 | Assessment of the Quality of Medical Documents Issued in Central Police Stations in Madrid, Spain: The Doctor's Role in the Prevention of Ill-Treatment. <i>Journal of Forensic Sciences</i> , <b>2002</b> , 47, 15246J   | 1.8 | 6 |
| 40 | Functional coupling of M muscarinic acetylcholine receptor to $G_{\beta\gamma}$ in dorsolateral prefrontal cortex from patients with psychiatric disorders: a postmortem study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2020</b> , 270, 869-880                     | 5.1 | 6 |
| 39 | The role of toxic substances in sudden cardiac death. <i>Spanish Journal of Legal Medicine</i> , <b>2018</b> , 44, 13-21  | 0.4 | 5 |
| 38 | An independent meta-analysis using summary data for clinical response, remission, and discontinuation for any reason from the 6 pivotal phase III randomized clinical trials of duloxetine in major depressive disorder. <i>Journal of Clinical Psychopharmacology</i> , <b>2007</b> , 27, 219-21 | 1.7 | 5 |
| 37 | 5-HT receptor-mediated $G_{\beta\gamma}$ activation in psychiatric disorders: A postmortem study. <i>World Journal of Biological Psychiatry</i> , <b>2021</b> , 22, 505-515   | 3.8 | 5 |
| 36 | Alpha2C-adrenoceptor Del322-325 polymorphism and risk of psychiatric disorders: significant association with opiate abuse and dependence. <i>World Journal of Biological Psychiatry</i> , <b>2016</b> , 17, 308-15  | 3.8 | 5 |
| 35 | Characterisation of spinophilin immunoreactivity in postmortem human brain homogenates. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 81, 236-242   | 5.5 | 4 |
| 34 | The Density of Monoamine Oxidase B Sites Is Not Altered in the Postmortem Brain of Alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1997</b> , 21, 1479-1483  | 3.7 | 4 |
| 33 | Differential [(3)H]idazoxan and [(3)H]2-(2-benzofuranyl)-2-imidazoline (2-BFI) binding to imidazoline I(2) receptors in human postmortem frontal cortex. <i>European Journal of Pharmacology</i> , <b>2001</b> , 423, 109-14  | 5.3 | 3 |

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|----|---|-----|---|
| 32 | Differential modulation of alpha2-adrenoceptor subtypes in rat kidney by chronic desipramine treatment. <i>Life Sciences</i> , <b>1999</b> , 64, 2327-39  | 6.8 | 3 |
| 31 | Prevalence and methods of torture claimed in the Basque Country (Spain) during 1992-1993. <i>Forensic Science International</i> , <b>1995</b> , 76, 151-158   | 2.6 | 3 |
| 30 | Optimization and pharmacological characterization of receptor-mediated G activation in postmortem human prefrontal cortex. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 124, 649-659   | 3.1 | 3 |
| 29 | Levels of Gs (short and long), G $\beta$ 1f and G $\beta$ 3 (common) subunits, and calcium-sensitive adenylyl cyclase isoforms (1, 5/6, 8) in post-mortem human brain caudate and cortical membranes: comparison with rat brain membranes and potential stoichiometric relationships. <i>Neurochemistry International</i> , <b>2011</b> , 58, 180-9 | 4.4 | 2 |
| 28 | On the search of new I2-IBS aliphatic ligands: bis-guanidino carbonyl derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 6009-12  | 2.9 | 2 |
| 27 | Gliomas: Role of Monoamine Oxidase B in Diagnosis <b>2011</b> , 53-59   |     | 2 |
| 26 | 5-HT receptor- and M muscarinic acetylcholine receptor-mediated activation of G $\beta$ 1n postmortem dorsolateral prefrontal cortex of opiate addicts. <i>Pharmacological Reports</i> , <b>2021</b> , 73, 1155-1163  | 3.9 | 2 |
| 25 | Characterization of dopamine D receptor coupling to G proteins in postmortem brain of subjects with schizophrenia. <i>Pharmacological Reports</i> , <b>2021</b> , 73, 1136-1146   | 3.9 | 2 |
| 24 | Benzofuranyl-2-imidazoles as imidazoline I receptor ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 222, 113540   | 6.8 | 2 |
| 23 | $\beta$ 1 and $\beta$ 2 adrenoceptor expression and functionality in postmortem prefrontal cortex of schizophrenia subjects. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 52, 3-11   | 1.2 | 2 |
| 22 | Functional coupling between adenosine A receptors and G-proteins in rat and postmortem human brain membranes determined with conventional guanosine-5'-TO-(3-[S]thio)triphosphate ([S]GTP $\beta$ S) binding or [S]GTP $\beta$ S/immunoprecipitation assay. <i>Purinergic Signalling</i> , <b>2018</b> , 14, 177-190                                | 3.8 | 1 |
| 21 | Cocaína y cerebro. <i>Trastornos Adictivos</i> , <b>2010</b> , 12, 129-134  |     | 1 |
| 20 | Alleged police ill-treatment of non-political detainees in the Basque Country (Spain). Prevalence and associated factors. <i>Forensic Science International</i> , <b>1997</b> , 87, 125-136   | 2.6 | 1 |
| 19 | Specific binding of [3H]Ro 19-6327 (lazabemide) to monoamine oxidase B is increased in frontal cortex of suicide victims after controlling for age at death. <i>European Neuropsychopharmacology</i> , <b>2008</b> , 18, 55-61  | 1.2 | 1 |
| 18 | Opposite alterations of 5-HT receptor brain density in subjects with schizophrenia: relevance of radiotracers pharmacological profile. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 302  | 8.6 | 1 |
| 17 | Characterization of Hevin (SPARCL1) Immunoreactivity in Postmortem Human Brain Homogenates. <i>Neuroscience</i> , <b>2021</b> , 467, 91-109   | 3.9 | 1 |
| 16 | Di-aryl guanidinium derivatives: Towards improved $\alpha$ -Adrenergic affinity and antagonist activity. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 209, 112947   | 6.8 | 1 |
| 15 | Sex-dependent pharmacological profiles of the synthetic cannabinoid MMB-Fubinaca. <i>Addiction Biology</i> , <b>2021</b> , 26, e12940   | 4.6 | 1 |



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|----|---|-----|-----|
| 14 | Spinophilin expression in postmortem prefrontal cortex of schizophrenic subjects: Effects of antipsychotic treatment. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 42, 12-21                                 | 1.2 | 1   |
| 13 | Differential brain ADRA2A and ADRA2C gene expression and epigenetic regulation in schizophrenia. Effect of antipsychotic drug treatment.. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 643                       | 8.6 | 1   |
| 12 | Implicaci3n del sistema cannabinoide end3geno en el alcoholismo. <i>Trastornos Adictivos</i> , <b>2009</b> , 11, 85-95  |     | 0   |
| 11 | P.4.006 Expression of EGR1, EGR2 and EGR3 proteins in postmortem brain of schizophrenic subjects. <i>European Neuropsychopharmacology</i> , <b>2011</b> , 21, S82-S83   | 1.2 |     |
| 10 | P.6.b.001 Study of the cannabinoid CB1 receptor functionality in postmortem brain membranes of alcoholic subjects. <i>European Neuropsychopharmacology</i> , <b>2008</b> , 18, S527                                     | 1.2 |     |
| 9  | El sistema noradren3gico en la neurobiolog3a de la depresi3n. <i>Psiquiatria Biologica</i> , <b>2008</b> , 15, 162-174  | 0.2 |     |
| 8  | Histamine H3 receptor-mediated G-protein activation in postmortem human prefrontal cortical membranes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , <b>2018</b> , WCP2018, PO1-1-132 |     | 0   |
| 7  | Novel Imidazoline I2 Receptor Ligands for Alzheimer's Disease. <i>FASEB Journal</i> , <b>2018</b> , 32, 552.1   |     | 0.9 |
| 6  | A New Family of Imidazoline I2 Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 806.19  |     | 0.9 |
| 5  | Chronic Effects of Cannabinoid Drugs on Monoaminergic Systems and the Role of Endocannabinoids and Cannabinoid Receptors in Human Brain Disorders <b>2013</b> , 213-238   |     |     |
| 4  | Fundamental features of receptor-mediated G $\beta$ activation in human prefrontal cortical membranes: A postmortem study. <i>Brain Research</i> , <b>2020</b> , 1747, 147032   |     | 3.7 |
| 3  | In Vivo Brain Microdialysis of Monoamines. <i>Neuromethods</i> , <b>2021</b> , 489-512  |     | 0.4 |
| 2  | Papel de las sustancias t3xicas en la muerte s3bita cardiaca. <i>Revista Espanola De Medicina Legal</i> , <b>2018</b> , 44, 13-21   |     | 0.2 |
| 1  | Glutamate, Glutamatergic Drugs and Schizophrenia <b>2022</b> , 493-521  |     |     |