# JesÃºs A GarcÃ-a-Sevilla

List of Publications by Year
in descending order



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|---|---|---|---|
| 66 papers | 2,277 citations | 201674 27 h-index | 214800 47 g-index |
| 66 all docs | 66 docs citations | 66 times ranked | 1606 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Protection by imidazol(ine) drugs and agmatine of glutamate-induced neurotoxicity in cultured cerebellar granule cells through blockade of NMDA receptor. British Journal of Pharmacology, 1999, 127, 1317-1326. | 5.4 | 154 |
| 2 | Upâ€Regulation of Immunolabeled Î±<sub>2A</sub>â€Adrenoceptors,G<sub>i</sub> Coupling Proteins, and Regulatory Receptor Kinases in the Prefrontal Cortex of Depressed Suicides. Journal of Neurochemistry, 1999, 72, 282-291. | 3.9 | 139 |
| 3 | Chronic morphine induces upâ€regulation of the proâ€apoptotic Fas receptor and downâ€regulation of the antiâ€apoptotic Bclâ€2 oncoprotein in rat brain. British Journal of Pharmacology, 2001, 134, 1263-1270. | 5.4 | 124 |
| 4 | Selective Increase of Î±<sub>2A</sub>â€Adrenoceptor Agonist Binding Sites in Brains of Depressed Suicide Victims. Journal of Neurochemistry, 1998, 70, 1114-1123. | 3.9 | 118 |
| 5 | Opposite Age-Dependent Changes of ?2A-Adrenoceptors and Nonadrenoceptor [3H]Idazoxan Binding Sites (I2-Imidazoline Sites) in the Human Brain: Strong Correlation of I2with Monoamine Oxidase-B Sites. Journal of Neurochemistry, 1993, 61, 881-889. | 3.9 | 103 |
| 6 | Autoradiographic Demonstration of Increased Î±<sub>2</sub>â€Adrenoceptor Agonist Binding Sites in the Hippocampus and Frontal Cortex of Depressed Suicide Victims. Journal of Neurochemistry, 1994, 63, 256-265. | 3.9 | 85 |
| 7 | Activation of I2 -imidazoline receptors enhances supraspinal morphine analgesia in mice: a model to detect agonist and antagonist activities at these receptors. British Journal of Pharmacology, 2000, 130, 146-152. | 5.4 | 83 |
| 8 | Attenuation of tolerance to opioid-induced antinociception and protection against morphine-induced decrease of neurofilament proteins by idazoxan and other I2 -imidazoline ligands. British Journal of Pharmacology, 1998, 125, 175-185. | 5.4 | 81 |
| 9 | Inhibition of monoamine oxidase A and B activities by imidazol(ine)/guanidine drugs, nature of the interaction and distinction from I2 -imidazoline receptors in rat liver. British Journal of Pharmacology, 1997, 121, 901-912. | 5.4 | 79 |
| 10 | Chronic treatment with the monoamine oxidase inhibitors clorgyline and pargyline downâ€regulates nonâ€adrenoceptor [<sup>3</sup>H]â€idazoxan binding sites in the rat brain. British Journal of Pharmacology, 1993, 108, 597-603. | 5.4 | 72 |
| 11 | Î¼-Opioid receptor and Î±2-adrenoceptor agonist binding sites in the postmortem brain of heroin addicts. Psychopharmacology, 1994, 115, 135-140. | 3.1 | 71 |
| 12 | Imidazoline Receptor System: The Past, the Present, and the Future. Pharmacological Reviews, 2020, 72, 50-79. | 16.0 | 71 |
| 13 | Imidazoline Receptors and Human Brain Disordersa. Annals of the New York Academy of Sciences, 1999, 881, 392-409. | 3.8 | 70 |
| 14 | The effects of chronic imidazoline drug treatment on glial fibrillary acidic protein concentrations in rat brain. British Journal of Pharmacology, 1994, 111, 997-1002. | 5.4 | 65 |
| 15 | Î±<sub>2</sub>â€Adrenoceptor Subtypes Identified by [<sup>3</sup>H]RX821002 Binding in the Human Brain: The Agonist Guanoxabenz Does Not Discriminate Different Forms of the Predominant Î±<sub>2A</sub> Subtype. Journal of Neurochemistry, 1994, 63, 1077-1085. | 3.9 | 55 |
| 16 | The effects of phenelzine and other monoamine oxidase inhibitor antidepressants on brain and liver I<sub>2</sub> imidazolineâ€preferring receptors. British Journal of Pharmacology, 1995, 114, 837-845. | 5.4 | 54 |
| 17 | Decreased density of I2- imidazoline receptors in the postmortem brains of heroin addicts. NeuroReport, 1996, 7, 509-512. | 1.2 | 49 |
| 18 | Modulation of immunoreactive protein kinase C-Î± and Î² isoforms and G proteins by acute and chronic treatments with morphine and other opiate drugs in rat brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 355, 491-500. | 3.0 | 49 |

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|---|---|---|---|
| 19 | Downregulation of Neuronal cdk5/p35 in Opioid Addicts and Opiate-Treated Rats: Relation to Neurofilament Phosphorylation. Neuropsychopharmacology, 2003, 28, 947-955. | 5.4 | 47 |
| 20 | Labelling of I2B-imidazoline receptors by [3H]2-(2-benzofuranyl)-2-imidazoline (2-BFI) in rat brain and liver: characterization, regulation and relation to monoamine oxidase enzymes. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 356, 39-47. | 3.0 | 46 |
| 21 | Loss of Protein Kinase C-Î±Î² in Brain of Heroin Addicts and Morphine-Dependent Rats. Journal of Neurochemistry, 2002, 64, 247-252. | 3.9 | 44 |
| 22 | Regulation of Platelet Î±2A-Adrenoceptors, Gi Proteins and Receptor Kinases in Major Depression: Effects of Mirtazapine Treatment. Neuropsychopharmacology, 2004, 29, 580-588. | 5.4 | 44 |
| 23 | Decreased immunodensities of Î¼-opioid receptors, receptor kinases GRK 2/6 and Î²-arrestin-2 in postmortem brains of opiate addicts. Molecular Brain Research, 2004, 121, 114-122. | 2.3 | 43 |
| 24 | Pharmacological modulation of immunoreactive imidazoline receptor proteins in rat brain: relationship with nonâ€adrenoceptor [<sup>3</sup>H]â€idazoxan binding sites. British Journal of Pharmacology, 1996, 118, 2029-2036. | 5.4 | 35 |
| 25 | Increased Î±2- and Î²1-adrenoceptor densities in postmortem brain of subjects with depression: Differential effect of antidepressant treatment. Journal of Affective Disorders, 2014, 167, 343-350. | 4.1 | 34 |
| 26 | Pharmacologic Characterization of Imidazoline Receptor Proteins Identified by Immunologic Techniques and Other Methodsa. Annals of the New York Academy of Sciences, 1999, 881, 8-25. | 3.8 | 30 |
| 27 | Induction of reactive astrocytosis and prevention of motoneuron cell death by the I2 -imidazoline receptor ligand LSL 60101. British Journal of Pharmacology, 2000, 130, 1767-1776. | 5.4 | 28 |
| 28 | Reduced platelet G protein-coupled receptor kinase 2 in major depressive disorder: Antidepressant treatment-induced upregulation of GRK2 protein discriminates between responder and non-responder patients. European Neuropsychopharmacology, 2010, 20, 721-730. | 0.7 | 28 |
| 29 | Differential Effects of the Alkylating Agent N-Ethoxycarbonyl-2-Ethoxy-1,2-Dihydroquinoline on Brain ?2-Adrenoceptors and I2-Imidazoline Sites In Vitro and In Vivo. Journal of Neurochemistry, 1993, 61, 1602-1610. | 3.9 | 26 |
| 30 | Effects of anti-depressant treatments on FADD and p-FADD protein in rat brain cortex: enhanced anti-apoptotic p-FADD/FADD ratio after chronic desipramine and fluoxetine administration. Psychopharmacology, 2016, 233, 2955-2971. | 3.1 | 24 |
| 31 | Neuroprotective Effects of a Structurally New Family of High Affinity Imidazoline I<sub>2</sub> Receptor Ligands. ACS Chemical Neuroscience, 2017, 8, 737-742. | 3.5 | 24 |
| 32 | Pharmacologic and Molecular Discrimination of I2-Imidazoline Receptor Subtypesa. Annals of the New York Academy of Sciences, 1999, 881, 144-160. | 3.8 | 23 |
| 33 | Brain Î±2 -adrenoceptors in monoamine-depleted rats: increased receptor density, G coupling proteins, receptor turnover and receptor mRNA. British Journal of Pharmacology, 2001, 132, 1467-1476. | 5.4 | 23 |
| 34 | Parallel modulation of receptor for activated Câ€ƒkinaseâ€ƒ1 and protein kinaseâ€ƒC-Î± and Î² isoforms in brains of morphine-treated rats. British Journal of Pharmacology, 1999, 127, 343-348. | 5.4 | 22 |
| 35 | Behavioral and Cognitive Improvement Induced by Novel Imidazoline I2 Receptor Ligands in Female SAMP8 Mice. Neurotherapeutics, 2019, 16, 416-431. | 4.4 | 22 |
| 36 | Spontaneous Withdrawal from Long-Term Treatment with Morphine Accelerates the Turnover of Î±2-Adrenoceptors in the Rat Brain: Up-Regulation of Receptors Associated with Increased Receptor Appearance. Journal of Neurochemistry, 2002, 64, 2590-2597. | 3.9 | 16 |

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|---|---|---|---|
| 37 | Acceleration by chronic treatment with clorgyline of the turnover of brain Î±<sub>2</sub>â€adrenoceptors in normotensive but not in spontaneously hypertensive rats. British Journal of Pharmacology, 1993, 110, 99-106. | 5.4 | 14 |
| 38 | Functional activation of GÎ±q coupled to 5-HT2A receptor and M1 muscarinic acetylcholine receptor in postmortem human cortical membranes. Journal of Neural Transmission, 2017, 124, 1123-1133. | 2.8 | 13 |
| 39 | Attenuation of Tolerance to Opioid-Induced Antinociception by Idazoxan and Other I2-Ligandsa. Annals of the New York Academy of Sciences, 1999, 881, 359-363. | 3.8 | 12 |
| 40 | Monoamine receptor agonists, acting preferentially at presynaptic autoreceptors and heteroreceptors, downregulate the cell fate adaptor FADD in rat brain cortex. Neuropharmacology, 2015, 89, 204-214. | 4.1 | 11 |
| 41 | Upregulation of IRAS/nischarin (I 1 -imidazoline receptor), a regulatory protein of Î¼-opioid receptor trafficking, in postmortem prefrontal cortex of long-term opiate and mixed opiate/cocaine abusers. Neurochemistry International, 2017, 108, 282-286. | 3.8 | 11 |
| 42 | Ketamine-induced hypnosis and neuroplasticity in mice is associated with disrupted p-MEK/p-ERK sequential activation and sustained upregulation of survival p-FADD in brain cortex: Involvement of GABAA receptor. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 121-131. | 4.8 | 11 |
| 43 | Isothiocyanatobenzyl imidazoline is an alkylating agent for I2-imidazoline binding sites in rat and rabbit tissues. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 357, 351-355. | 3.0 | 10 |
| 44 | Inhibitory effects of imidazoline receptor ligands on basal and kainic acid-induced neurotoxic signalling in mice. Journal of Psychopharmacology, 2016, 30, 875-886. | 4.0 | 10 |
| 45 | Repeated Idazoxan Increases Brain Imidazoline Receptors in Normotensive (WKY) but Not in Hypertensive (SHR) Rats. Journal of Neurochemistry, 1991, 57, 1811-1813. | 3.9 | 8 |
| 46 | Enhanced Î± 2A -autoreceptor reserve for clonidine induced by reserpine and cholinomimetic agents in the rat vas deferens. British Journal of Pharmacology, 1997, 122, 833-840. | 5.4 | 8 |
| 47 | Adenosine A1 receptors are selectively coupled to GÎ±i-3 in postmortem human brain cortex: Guanosine-5â€²-O-(3-[35S]thio)triphosphate ([35S]GTPÎ³S) binding/immunoprecipitation study. European Journal of Pharmacology, 2015, 764, 592-598. | 3.5 | 8 |
| 48 | Functional coupling of M1 muscarinic acetylcholine receptor to GÎ±q/11 in dorsolateral prefrontal cortex from patients with psychiatric disorders: a postmortem study. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 869-880. | 3.2 | 8 |
| 49 | 5-HT<sub>2A</sub> receptor-mediated GÎ±<sub>q/11</sub> activation in psychiatric disorders: A postmortem study. World Journal of Biological Psychiatry, 2021, 22, 505-515. | 2.6 | 8 |
| 50 | Regulation of cannabinoid CB1 and CB2 receptors, neuroprotective mTOR and pro-apoptotic JNK1/2 kinases in postmortem prefrontal cortex of subjects with major depressive disorder. Journal of Affective Disorders, 2020, 276, 626-635. | 4.1 | 8 |
| 51 | Up-regulated 14-3-3Î² and 14-3-3Î¶ proteins in prefrontal cortex of subjects with schizophrenia: effect of psychotropic treatment. Schizophrenia Research, 2015, 161, 446-451. | 2.0 | 7 |
| 52 | Alpha2C-adrenoceptor Del322-325 polymorphism and risk of psychiatric disorders: significant association with opiate abuse and dependence. World Journal of Biological Psychiatry, 2016, 17, 308-315. | 2.6 | 7 |
| 53 | Chronic Clorgyline Induces Selective Down-Regulation of alpha2-Adrenoceptor Agonist Binding Sites in Rat Brain. Basic and Clinical Pharmacology and Toxicology, 2000, 87, 269-275. | 0.0 | 6 |
| 54 | In Vivo Effects of the I2-Alkylating Agent BU99006 on the Immunodensity of Imidazoline Receptor Proteins in the Mouse Brain. Annals of the New York Academy of Sciences, 2003, 1009, 323-331. | 3.8 | 5 |

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| 55 | Disruption of brain MEK-ERK sequential phosphorylation and activation during midazolam-induced hypnosis in mice: Roles of GABA A receptor, MEK1 inactivation, and phosphatase MKP-3. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 75, 84-93. | 4.8 | 5 |
| 56 | Effects of I 2 -imidazoline receptor (IR) alkylating BU99006 in the mouse brain: Upregulation of nischarin/I 1 -IR and Î¼-opioid receptor proteins and modulation of associated signalling pathways. Neurochemistry International, 2017, 108, 169-176. | 3.8 | 5 |
| 57 | Pentobarbital and other anesthetic agents induce opposite regulations of MAP kinases p-MEK and p-ERK, and upregulate p-FADD/FADD neuroplastic index in brain during hypnotic states in mice. Neurochemistry International, 2019, 122, 59-72. | 3.8 | 5 |
| 58 | Modulation by central postsynaptic Î±<sub>2</sub>â€adrenoceptors of the jawâ€opening reflex induced by orofacial stimulation in rats. British Journal of Pharmacology, 1994, 111, 1140-1146. | 5.4 | 4 |
| 59 | Optimization and pharmacological characterization of receptorâ€mediated G i/o activation in postmortem human prefrontal cortex. Basic and Clinical Pharmacology and Toxicology, 2019, 124, 649-659. | 2.5 | 4 |
| 60 | 5-HT2A receptor- and M1 muscarinic acetylcholine receptor-mediated activation of GÎ±q/11 in postmortem dorsolateral prefrontal cortex of opiate addicts. Pharmacological Reports, 2021, 73, 1155-1163. | 3.3 | 4 |
| 61 | Densities of I2-Imidazoline Receptors, Imidazoline Receptor Proteins, and MAO-B Sites in Human Gliomas and Pituitary Adenomasa. Annals of the New York Academy of Sciences, 1999, 881, 203-207. | 3.8 | 2 |
| 62 | Functional coupling between adenosine A1 receptors and G-proteins in rat and postmortem human brain membranes determined with conventional guanosine-5â€²-O-(3-[35S]thio)triphosphate ([35S]GTPÎ³S) binding or [35S]GTPÎ³S/immunoprecipitation assay. Purinergic Signalling, 2018, 14, 177-190. | 2.2 | 2 |
| 63 | Fundamental features of receptor-mediated GÎ±i/o activation in human prefrontal cortical membranes: A postmortem study. Brain Research, 2020, 1747, 147032. | 2.2 | 0 |
| 64 | Histamine H<sub>3</sub> receptor-mediated G-protein activation in postmortem human prefrontal cortical membranes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-132. | 0.0 | 0 |
| 65 | Novel Imidazoline I<sub>2</sub> Receptor Ligands for Alzheimer's Disease. FASEB Journal, 2018, 32, 552.1. | 0.5 | 0 |
| 66 | A New Family of Imidazoline I 2 Receptor Ligands Improves Behavior and Cognition in SAMP8 Mice. FASEB Journal, 2019, 33, 806.19. | 0.5 | 0 |