# Francisco Molina-Holgado

List of Publications by Year
in descending order



| 46 | 3,459 | 136950 32 | 233421 45 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 48 | 48 | 48 | 4003 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Endocannabinoid signaling in oligodendroglia. Glia, 2023, 71, 91-102. | 4.9 | 7 |
| 2 | Transcription Profile and Pathway Analysis of the Endocannabinoid Receptor Inverse Agonist AM630 in the Core and Infiltrative Boundary of Human Glioblastoma Cells. Molecules, 2022, 27, 2049. | 3.8 | 3 |
| 3 | Effect of endocannabinoid signalling on cell fate: life, death, differentiation and proliferation of brain cells. British Journal of Pharmacology, 2019, 176, 1361-1369. | 5.4 | 32 |
| 4 | Cannabinoids and their actions: An update. British Journal of Pharmacology, 2019, 176, 1359-1360. | 5.4 | 1 |
| 5 | Spicing Up Pharmacology: A Review of Synthetic Cannabinoids From Structure to Adverse Events. Advances in Pharmacology, 2017, 80, 135-168. | 2.0 | 40 |
| 6 | Drugs of abuse â€“ its not all bad news. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 155-156. | 4.8 | 1 |
| 7 | Pentraxin 3 mediates neurogenesis and angiogenesis after cerebral ischaemia. Journal of Neuroinflammation, 2015, 12, 15. | 7.2 | 77 |
| 8 | A Basal Tone of 2-Arachidonoylglycerol Contributes to Early Oligodendrocyte Progenitor Proliferation by Activating Phosphatidylinositol 3-Kinase (PI3K)/AKT and the Mammalian Target of Rapamycin (MTOR) Pathways. Journal of NeuroImmune Pharmacology, 2015, 10, 309-317. | 4.1 | 36 |
| 9 | Spinal cord injury induces a long-lasting upregulation of interleukin-1Î² in astrocytes around the central canal. Neuroscience, 2015, 284, 283-289. | 2.3 | 13 |
| 10 | Neuroimmmune interactions of cannabinoids in neurogenesis: focus on interleukin-1Î² (IL-1Î²) signalling. Biochemical Society Transactions, 2013, 41, 1577-1582. | 3.4 | 23 |
| 11 | Cannabinoid receptor agonists modulate oligodendrocyte differentiation by activating PI3K/Akt and the mammalian target of rapamycin (mTOR) pathways. British Journal of Pharmacology, 2011, 163, 1520-1532. | 5.4 | 95 |
| 12 | Synthesis, physicalâ€“chemical characterisation and biological evaluation of novel 2-amido-3-hydroxypyridin-4(1H)-ones: Iron chelators with the potential for treating Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry, 2011, 19, 1285-1297. | 3.0 | 45 |
| 13 | The constitutive production of the endocannabinoid 2â€arachidonoylglycerol participates in oligodendrocyte differentiation. Glia, 2010, 58, 1913-1927. | 4.9 | 76 |
| 14 | Mending the broken brain: neuroimmune interactions in neurogenesis. Journal of Neurochemistry, 2010, 114, 1277-1290. | 3.9 | 81 |
| 15 | CB<sub>2</sub> cannabinoid receptors as an emerging target for demyelinating diseases: from neuroimmune interactions to cell replacement strategies. British Journal of Pharmacology, 2008, 153, 216-225. | 5.4 | 66 |
| 16 | Neuroprotective actions of deferiprone in cultured cortical neurones and SHSYâ€5Y cells. Journal of Neurochemistry, 2008, 105, 2466-2476. | 3.9 | 72 |
| 17 | Iron chelation as a potential therapy for neurodegenerative disease. Biochemical Society Transactions, 2008, 36, 1304-1308. | 3.4 | 63 |
| 18 | The endocannabinoid system modulates a transient TNF pathway that induces neural stem cell proliferation. Molecular and Cellular Neurosciences, 2008, 38, 374-380. | 2.2 | 46 |

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|---|---|---|---|
| 19 | A diacylglycerol lipase-CB2 cannabinoid pathway regulates adult subventricular zone neurogenesis in an age-dependent manner. Molecular and Cellular Neurosciences, 2008, 38, 526-536. | 2.2 | 158 |
| 20 | Inflammatory Mediators in the Frontal Lobe of Patients with Mixed and Vascular Dementia. Dementia and Geriatric Cognitive Disorders, 2008, 25, 278-286. | 1.5 | 30 |
| 21 | Tandem Repeat Peptide Strategy for the Design of Neurotrophic Factor Mimetics. CNS and Neurological Disorders - Drug Targets, 2008, 7, 110-119. | 1.4 | 14 |
| 22 | CB2 cannabinoid receptors promote mouse neural stem cell proliferation. European Journal of Neuroscience, 2007, 25, 629-634. | 2.6 | 126 |
| 23 | Cannabinoids modulate Olig2 and polysialylated neural cell adhesion molecule expression in the subventricular zone of postâ€natal rats through cannabinoid receptorâ€ƒ1 and cannabinoid receptorâ€ƒ2. European Journal of Neuroscience, 2007, 26, 1548-1559. | 2.6 | 78 |
| 24 | Leptin induces interleukin-1Î² release from rat microglial cells through a caspase 1 independent mechanism. Journal of Neurochemistry, 2007, 102, 826-833. | 3.9 | 88 |
| 25 | Metals ions and neurodegeneration. BioMetals, 2007, 20, 639-654. | 4.1 | 186 |
| 26 | Endotoxin preconditioning protects neurones from in vitro ischemia: Role of endogenous IL-1Î² and TNF-Î±. Journal of Neuroimmunology, 2006, 173, 108-116. | 2.3 | 32 |
| 27 | The Role of Cannabinoid System on Immune Modulation: Therapeutic Implications on CNS Inflammation. Mini-Reviews in Medicinal Chemistry, 2005, 5, 671-675. | 2.4 | 33 |
| 28 | Cannabinoids provide neuroprotection against 6-hydroxydopamine toxicity in vivo and in vitro: Relevance to Parkinson's disease. Neurobiology of Disease, 2005, 19, 96-107. | 4.4 | 339 |
| 29 | Neuroprotective effects of the synthetic cannabinoid HU-210 in primary cortical neurons are mediated by phosphatidylinositol 3-kinase/AKT signaling. Molecular and Cellular Neurosciences, 2005, 28, 189-194. | 2.2 | 67 |
| 30 | Endogenous Interleukin-1 Receptor Antagonist Mediates Anti-Inflammatory and Neuroprotective Actions of Cannabinoids in Neurons and Glia. Journal of Neuroscience, 2003, 23, 6470-6474. | 3.6 | 185 |
| 31 | Cannabinoids Promote Oligodendrocyte Progenitor Survival: Involvement of Cannabinoid Receptors and Phosphatidylinositol-3 Kinase/Akt Signaling. Journal of Neuroscience, 2002, 22, 9742-9753. | 3.6 | 390 |
| 32 | Role of CB<sub>1</sub> and CB<sub>2</sub> receptors in the inhibitory effects of cannabinoids on lipopolysaccharideâ€induced nitric oxide release in astrocyte cultures. Journal of Neuroscience Research, 2002, 67, 829-836. | 2.9 | 133 |
| 33 | Actions ofexogenous andendogenous IL-10 on glial responses to bacterial LPS/cytokines. Glia, 2001, 33, 97-106. | 4.9 | 49 |
| 34 | Induction of COX-2 and PGE2 biosynthesis by IL-1Î² is mediated by PKC and mitogen-activated protein kinases in murine astrocytes. British Journal of Pharmacology, 2000, 131, 152-159. | 5.4 | 180 |
| 35 | Involvement of interleukin-1 in glial responses to lipopolysaccharide: endogenous versus exogenous interleukin-1 actions. Journal of Neuroimmunology, 2000, 111, 1-9. | 2.3 | 20 |
| 36 | Effects of Cannabinoids on the Immune System and Central Nervous System. BioDrugs, 1999, 12, 317-326. | 4.6 | 17 |

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|---|---|---|---|
| 37 | The endogenous cannabinoid anandamide potentiates interleukinâ€6 production by astrocytes infected with Theiler's murine encephalomyelitis virus by a receptorâ€mediated pathway. FEBS Letters, 1998, 433, 139-142. | 2.8 | 100 |
| 38 | Cytokines in Astroglial Cells: Functions and Mechanisms of Action. , 1998, , 195-212. | | 0 |
| 39 | Anandamide suppresses nitric oxide and TNF-Î± responses to TheilerÊ¼s virus or endotoxin in astrocytes. NeuroReport, 1997, 8, 1929-1933. | 1.2 | 105 |
| 40 | Maternal Exposure to Î” 9 -Tetrahydrocannabinol ( Î” 9 -THC) Alters Indolamine Levels and Turnover in Adult Male and Female Rat Brain Regions. Brain Research Bulletin, 1997, 43, 173-178. | 3.0 | 32 |
| 41 | Effect of maternal Î”9-tetrahydrocannabinol on developing serotonergic system. European Journal of Pharmacology, 1996, 316, 39-42. | 3.5 | 63 |
| 42 | Endotoxin administration induced differential neurochemical activation of the rat brain stem nuclei. Brain Research Bulletin, 1996, 40, 151-156. | 3.0 | 40 |
| 43 | Evidence for cyclooxygenase activation by nitric oxide in astrocytes. Glia, 1995, 15, 167-172. | 4.9 | 56 |
| 44 | Effect of Î”9-tetrahydrocannabinol on short-term memory in the rat. Physiology and Behavior, 1995, 57, 177-179. | 2.1 | 41 |
| 45 | The effect of perinatal exposure to estrogens on the sexually dimorphic response to novelty. Physiology and Behavior, 1994, 55, 371-373. | 2.1 | 73 |
| 46 | Distribution of indoleamines and [3H]paroxetine binding in rat brain regions following acute or perinatal ?9-tetrahydrocannabinol treatments. Neurochemical Research, 1993, 18, 1183-1191. | 3.3 | 47 |