

Antonio J Herrera

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,989
citations

201674

27
h-index

223800

46
g-index

47
all docs

47
docs citations

47
times ranked

3787
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Divergent Effects of Metformin on an Inflammatory Model of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 440. | 3.7 | 43 |
| 20 | Differential regulation of glutamic acid decarboxylase mRNA and tyrosine hydroxylase mRNA expression in the aged manganese-treated rats. <i>Molecular Brain Research</i> , 2002, 103, 116-129. | 2.3 | 42 |
| 21 | Neuromelanin activates proinflammatory microglia through a caspase-8-dependent mechanism. <i>Journal of Neuroinflammation</i> , 2015, 12, 5. | 7.2 | 38 |
| 22 | Collateral Damage: Contribution of Peripheral Inflammation to Neurodegenerative Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 2193-2210. | 2.1 | 37 |
| 23 | Relevance of chronic stress and the two faces of microglia in Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 312. | 3.7 | 36 |
| 24 | Dopamine-dependent neurotoxicity of lipopolysaccharide in substantia nigra. <i>FASEB Journal</i> , 2005, 19, 1-22. | 0.5 | 35 |
| 25 | Peripheral Inflammation Increases the Damage in Animal Models of Nigrostriatal Dopaminergic Neurodegeneration: Possible Implication in Parkinson's Disease Incidence. <i>Parkinson's Disease</i> , 2011, 2011, 1-10. | 1.1 | 35 |
| 26 | Intracranial Injection of LPS in Rat as Animal Model of Neuroinflammation. <i>Methods in Molecular Biology</i> , 2013, 1041, 295-305. | 0.9 | 34 |
| 27 | Endogenous dopamine enhances the neurotoxicity of 3-nitropropionic acid in the striatum through the increase of mitochondrial respiratory inhibition and free radicals production. <i>NeuroToxicology</i> , 2007, 29, 244-58. | 3.0 | 30 |
| 28 | Chronic stress alters the expression levels of longevity-related genes in the rat hippocampus. <i>Neurochemistry International</i> , 2016, 97, 181-192. | 3.8 | 26 |
| 29 | Role of dopamine in the recruitment of immune cells to the nigro-striatal dopaminergic structures. <i>NeuroToxicology</i> , 2014, 41, 89-101. | 3.0 | 25 |
| 30 | Changes in neurotransmitter levels associated with the deficiency of some essential amino acids in the diet. <i>British Journal of Nutrition</i> , 1992, 68, 409-420. | 2.3 | 23 |
| 31 | The intranigral injection of tissue plasminogen activator induced blood-brain barrier disruption, inflammatory process and degeneration of the dopaminergic system of the rat. <i>NeuroToxicology</i> , 2009, 30, 403-413. | 3.0 | 21 |
| 32 | Potential Use of Nanomedicine for the Anti-inflammatory Treatment of Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2018, 24, 1589-1616. | 1.9 | 21 |
| 33 | Degeneration of dopaminergic neurons induced by thrombin injection in the substantia nigra of the rat is enhanced by dexamethasone: Role of monoamine oxidase enzyme. <i>NeuroToxicology</i> , 2010, 31, 55-66. | 3.0 | 17 |
| 34 | Effects of a short period of vitamin E-deficient diet in the turnover of different neurotransmitters in substantia nigra and striatum of the rat. <i>Neuroscience</i> , 1993, 53, 179-185. | 2.3 | 16 |
| 35 | Language bias discredits the peer-review system. <i>Nature</i> , 1999, 397, 467-467. | 27.8 | 16 |
| 36 | Caspase-8 inhibition represses initial human monocyte activation in septic shock model. <i>Oncotarget</i> , 2016, 7, 37456-37470. | 1.8 | 16 |

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|----|--|-----|-----------|
| 37 | The intrastriatal injection of thrombin in rat induced a retrograde apoptotic degeneration of nigral dopaminergic neurons through synaptic elimination. <i>Journal of Neurochemistry</i> , 2008, 105, 750-762. | 3.9 | 12 |
| 38 | Ageing and monoamine turnover in the lateral geniculate nucleus and visual cortex of the rat. <i>Neurochemistry International</i> , 1993, 22, 531-539. | 3.8 | 11 |
| 39 | Inflammatory Animal Models of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, S165-S182. | 2.8 | 9 |
| 40 | The influence of age on neurotransmitter turnover in the rat's superior colliculus. <i>Neurobiology of Aging</i> , 1991, 12, 289-294. | 3.1 | 7 |
| 41 | Neonatal enucleation alters catecholamine and serotonin metabolism in the lateral geniculate and visual cortex in developing rats. <i>Neurochemistry International</i> , 1990, 17, 415-424. | 3.8 | 6 |
| 42 | Effects of enucleation on postnatal development of catecholamines and serotonin metabolism in the superior colliculus of the rat. <i>Brain Research</i> , 1990, 523, 281-287. | 2.2 | 5 |
| 43 | Synergistic Deleterious Effect of Chronic Stress and Sodium Azide in the Mouse Hippocampus. <i>Chemical Research in Toxicology</i> , 2015, 28, 651-661. | 3.3 | 4 |
| 44 | Effects of neonatal bilateral eye enucleation on postnatal development of the monoamines in posterior thalamus of the rat. <i>Journal of Neural Transmission</i> , 1991, 85, 231-242. | 2.8 | 3 |
| 45 | Deprenyl enhances the striatal neuronal damage produced by quinolinic acid. <i>Molecular Brain Research</i> , 2005, 141, 48-57. | 2.3 | 2 |
| 46 | Immunohistochemical Detection of Microglia. <i>Methods in Molecular Biology</i> , 2013, 1041, 281-289. | 0.9 | 2 |