

Eduardo Arilla Ferreiro

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.

63

papers

651

citations

13

h-index

23

g-index

66

ext. papers

720

ext. citations

4.9

avg, IF

3.23

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 63 | Peptides and food intake. <i>Frontiers in Endocrinology</i> , 2014 , 5, 58 | 5.7 | 132 |
| 62 | The role of hydrogen peroxide in the contractile response to angiotensin II. <i>Molecular Pharmacology</i> , 2001 , 59, 104-12 | 4.3 | 69 |
| 61 | alpha1-Adrenoceptors stimulate a G α s protein and reduce the transient outward K ⁺ current via a cAMP/PKA-mediated pathway in the rat heart. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 288, C577-85 | 5.4 | 40 |
| 60 | The N-terminal tripeptide of insulin-like growth factor-I protects against beta-amyloid-induced somatostatin depletion by calcium and glycogen synthase kinase 3 beta modulation. <i>Journal of Neurochemistry</i> , 2009 , 109, 360-70 | 6 | 29 |
| 59 | Somatostatin binding sites in cytosolic fraction isolated from rabbit antral and fundic gastric mucosa. <i>Regulatory Peptides</i> , 1985 , 10, 207-15 | | 24 |
| 58 | Acute effects of D1- and D2-receptor agonist and antagonist drugs on somatostatin binding, inhibition of adenylyl cyclase activity and accumulation of inositol 1,4,5-trisphosphate in the rat striatum. <i>Molecular Brain Research</i> , 1997 , 47, 99-107 | | 23 |
| 57 | Chronic central leptin infusion modifies the response to acute central insulin injection by reducing the interaction of the insulin receptor with IRS2 and increasing its association with SOCS3. <i>Journal of Neurochemistry</i> , 2011 , 117, 175-85 | 6 | 22 |
| 56 | Somatostatin binding to dissociated cells from rat cerebral cortex. <i>Peptides</i> , 1990 , 11, 1109-12 | 3.8 | 21 |
| 55 | Ellagic acid protects from myelin-associated sphingolipid loss in experimental autoimmune encephalomyelitis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 958-967 | | 21 |
| 54 | 17Beta-estradiol protects depletion of rat temporal cortex somatostatinergic system by beta-amyloid. <i>Neurobiology of Aging</i> , 2007 , 28, 1396-409 | 5.6 | 20 |
| 53 | Gly-Pro-Glu protects beta-amyloid-induced somatostatin depletion in the rat cortex. <i>NeuroReport</i> , 2004 , 15, 1979-82 | 1.7 | 20 |
| 52 | Decrease in number of somatostatin receptors in rat brain after adrenalectomy: normalization after glucocorticoid replacement. <i>Endocrinology</i> , 1988 , 123, 1147-52 | 4.8 | 19 |
| 51 | Leptin-induced downregulation of the rat hippocampal somatostatinergic system may potentiate its anorexigenic effects. <i>Neurochemistry International</i> , 2012 , 61, 1385-96 | 4.4 | 14 |
| 50 | Effects of the antipsychotic drug haloperidol on the somatostatinergic system in SH-SY5Y neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2009 , 110, 631-40 | 6 | 12 |
| 49 | Insulin binding to rat intestinal epithelial cells following partial small-bowel resection. <i>Bioscience Reports</i> , 1986 , 6, 445-50 | 4.1 | 11 |
| 48 | Evidence for somatostatin binding sites in rabbit kidney. <i>Regulatory Peptides</i> , 1986 , 13, 273-81 | | 11 |
| 47 | Reduction in A β -induced cell death in the hippocampus of 17 β -estradiol-treated female rats is associated with an increase in IGF-I signaling and somatostatinergic tone. <i>Journal of Neurochemistry</i> , 2015 , 135, 1257-71 | 6 | 10 |

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| 46 | Adipose tissue promotes a serum cytokine profile related to lower insulin sensitivity after chronic central leptin infusion. <i>PLoS ONE</i> , 2012 , 7, e46893 | 3.7 | 9 |
| 45 | Cyclic hexa- and pentapeptide somatostatin analogues with reduced gastric inhibitory activity. <i>Peptides</i> , 1984 , 5, 857-60 | 3.8 | 9 |
| 44 | Improvement in glycemia after glucose or insulin overload in leptin-infused rats is associated with insulin-related activation of hepatic glucose metabolism. <i>Nutrition and Metabolism</i> , 2016 , 13, 19 | 4.6 | 8 |
| 43 | Acute modulation of somatostatin receptor function by melatonin in the rat frontoparietal cortex. <i>Journal of Pineal Research</i> , 2001 , 31, 46-56 | 10.4 | 8 |
| 42 | Activation of D1 and D2 dopamine receptors increases the activity of the somatostatin receptor-effector system in the rat frontoparietal cortex. <i>Journal of Neuroscience Research</i> , 2000 , 62, 91-8 | 4.4 | 7 |
| 41 | G proteins in rat liver proliferation during cholestasis. <i>Hepatology</i> , 1994 , 20, 1041-7 | 11.2 | 7 |
| 40 | Subcutaneous treatment with growth hormone-releasing hormone for short stature. <i>Hormone Research</i> , 1988 , 30, 252-7 | | 7 |
| 39 | Somatostatin binding sites in cytosolic fractions of parietal and non-parietal cells from rabbit fundic mucosa. <i>Bioscience Reports</i> , 1985 , 5, 321-8 | 4.1 | 7 |
| 38 | Improvement in inflammation is associated with the protective effect of Gly-Pro-Glu and cyclopropylglycine against A β -induced depletion of the hippocampal somatostatinergic system. <i>Neuropharmacology</i> , 2019 , 151, 112-126 | 5.5 | 6 |
| 37 | The Protective Effects of IGF-I against β Amyloid-related Downregulation of Hippocampal Somatostatinergic System Involve Activation of Akt and Protein Kinase A. <i>Neuroscience</i> , 2018 , 374, 104-118 | 3.9 | 6 |
| 36 | Differential effects of ethanol ingestion on somatostatin content, somatostatin receptors and adenylyl cyclase activity in the frontoparietal cortex of virgin and parturient rats. <i>Life Sciences</i> , 2005 , 77, 1094-105 | 6.8 | 5 |
| 35 | Acutely administered melatonin decreases somatostatin-binding sites and the inhibitory effect of somatostatin on adenylyl cyclase activity in the rat hippocampus. <i>Journal of Pineal Research</i> , 2004 , 36, 87-94 | 10.4 | 5 |
| 34 | Modulation of somatostatin receptors, somatostatin content and Gi proteins by substance P in the rat frontoparietal cortex and hippocampus. <i>Journal of Neurochemistry</i> , 2003 , 84, 145-56 | 6 | 5 |
| 33 | Exogenous histamine increases the somatostatin receptor/effector system in the rat frontoparietal cortex. <i>European Journal of Pharmacology</i> , 1995 , 289, 361-8 | | 5 |
| 32 | Desmethylinipramine pretreatment prevents 6-hydroxydopamine induced somatostatin receptor reduction in the rat hippocampus. <i>Regulatory Peptides</i> , 1992 , 41, 227-36 | | 4 |
| 31 | Effects of subchronic and chronic melatonin treatment on somatostatin binding and its effects on adenylyl cyclase activity in the rat frontoparietal cortex. <i>Journal of Pineal Research</i> , 2002 , 33, 189-97 | 10.4 | 3 |
| 30 | Activity of the hippocampal somatostatinergic system following daily administration of melatonin. <i>Molecular Brain Research</i> , 2004 , 126, 107-13 | | 3 |
| 29 | alpha-Fluoromethylhistidine influences somatostatin content, binding and inhibition of adenylyl cyclase activity in the rat frontoparietal cortex. <i>Regulatory Peptides</i> , 1995 , 59, 111-20 | | 3 |

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| 28 | Ethanol-induced modification of somatostatin-responsive adenylyl cyclase in rat exocrine pancreas. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995 , 1268, 115-21 | 4.9 | 3 |
| 27 | Modulation by 5-hydroxytryptamine of the somatostatin receptor-effector system and somatostatin levels in rat brain. <i>Molecular Brain Research</i> , 1996 , 37, 259-66 | | 3 |
| 26 | Brain somatostatinergetic system at late pregnancy, parturition and the early postpartum period in the rat. <i>Regulatory Peptides</i> , 1993 , 48, 355-63 | | 3 |
| 25 | Somatostatin receptors coupled to the inhibition of adenylyl cyclase in the rat frontoparietal cortex are modulated by alpha 2 adrenoceptors. <i>Molecular Brain Research</i> , 1994 , 25, 143-6 | | 3 |
| 24 | Somatostatin binding reduced by ammonium acetate in the rat hippocampus can be reversed by treatment with N-carbamyl-L-glutamate plus L-arginine. <i>Synapse</i> , 1992 , 12, 55-61 | 2.4 | 3 |
| 23 | Effect of gastroduodenostomy on intestinal vasoactive intestinal peptide (VIP) levels, and VIP binding and VIP stimulation of cyclic AMP in intestinal epithelial cells from rat. <i>Biochemical Medicine and Metabolic Biology</i> , 1987 , 37, 307-13 | | 3 |
| 22 | Bisphenol A impaired cell adhesion by altering the expression of adhesion and cytoskeleton proteins on human podocytes. <i>Scientific Reports</i> , 2020 , 10, 16638 | 4.9 | 3 |
| 21 | Possible Role of IRS-4 in the Origin of Multifocal Hepatocellular Carcinoma. <i>Cancers</i> , 2021 , 13, | 6.6 | 3 |
| 20 | Vitamin E deficiency impairs the somatostatinergetic receptor-effector system and leads to phosphotyrosine phosphatase overactivation and cell death in the rat hippocampus. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 848-58 | 6.3 | 2 |
| 19 | Effect of phenylephrine and prazosin on the somatostatinergetic system in the rat frontoparietal cortex. <i>Peptides</i> , 1995 , 16, 1453-9 | 3.8 | 2 |
| 18 | Effects of sensitization on vasoactive intestinal polypeptide-induced relaxation and its concentration and binding in guinea-pig airways. <i>European Journal of Pharmacology</i> , 1993 , 250, 295-302 | 5.3 | 2 |
| 17 | Somatostatin structure-activity studies in the stomach. <i>Hormone Research</i> , 1988 , 29, 79-82 | | 2 |
| 16 | Interaction of vasoactive intestinal peptide with rat small intestinal epithelial cells after intestinal resection. <i>Bioscience Reports</i> , 1985 , 5, 559-66 | 4.1 | 2 |
| 15 | Leptin Modulates the Response of Brown Adipose Tissue to Negative Energy Balance: Implication of the GH/IGF-I Axis. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 2 |
| 14 | Histamine H1-receptors modulate somatostatin receptors coupled to the inhibition of adenylyl cyclase in the rat frontoparietal cortex. <i>Peptides</i> , 1997 , 18, 1569-76 | 3.8 | 1 |
| 13 | Involvement of presynaptic histamine H3 receptors in the modulation of somatostatin binding and its effects on adenylyl cyclase activity in the rat frontoparietal cortex. <i>Journal of Neurochemistry</i> , 1996 , 66, 1051-9 | 6 | 1 |
| 12 | The benzodiazepine antagonist CGS 8216 prevents hyperammonemia-induced somatostatin receptor reduction in the brain. <i>Brain Research</i> , 1995 , 688, 1-7 | 3.7 | 1 |
| 11 | Hippocampal somatostatin receptors and modulation of adenylyl cyclase activity in histamine-treated rats. <i>Molecular Brain Research</i> , 1996 , 35, 77-83 | | 1 |

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| 10 | Somatostatin receptor-GTP binding regulatory protein-adenylyl cyclase system in hippocampal membranes of strychnine-treated rats. <i>Brain Research</i> , 1994 , 644, 59-66 | 3.7 | 1 |
| 9 | Changes in alpha 1-adrenergic neurotransmission alter the number of somatostatin receptors in the rat hippocampus. <i>Neuroscience Letters</i> , 1994 , 177, 107-10 | 3.3 | 1 |
| 8 | Modulation by isoproterenol and propranolol of somatostatin receptors in synaptosomes from rat frontoparietal cortex. <i>Brain Research</i> , 1993 , 614, 171-7 | 3.7 | 1 |
| 7 | Modification of somatostatin content and binding in jejunum from celiac children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1987 , 6, 228-33 | 2.8 | 1 |
| 6 | Actinomycin D Arrests Cell Cycle of Hepatocellular Carcinoma Cell Lines and Induces p53-Dependent Cell Death: A Study of the Molecular Mechanism Involved in the Protective Effect of IRS-4. <i>Pharmaceuticals</i> , 2021 , 14, 845 | 5.2 | 1 |
| 5 | Oxidative Stress and Lymphocyte Alterations in Chronic Relapsing Experimental Allergic Encephalomyelitis in the Rat Hippocampus and Protective Effects of an Ethanolamine Phosphate Salt. <i>Molecular Neurobiology</i> , 2020 , 57, 860-878 | 6.2 | 1 |
| 4 | Influence of fluoxetine and p-chloroamphetamine on the somatostatin receptor-adenylyl cyclase system in the rat frontoparietal cortex. <i>Molecular Brain Research</i> , 1997 , 47, 117-24 | | |
| 3 | Beta-adrenergic regulation of the somatostatinergic system in rat hippocampus. <i>Neuroscience Letters</i> , 1994 , 165, 27-32 | 3.3 | |
| 2 | Ileal vasoactive intestinal peptide (VIP) levels and VIP receptor/effector system in ileal epithelial cells after colectomy in the rat. <i>Biochemical Medicine and Metabolic Biology</i> , 1987 , 38, 213-8 | | |
| 1 | A nitric oxide synthase inhibitor, L-NAME, prevents L-arginine-induced downregulation of the rat cortical somatostatinergic system. <i>NeuroReport</i> , 2020 , 31, 87-91 | 1.7 | |