# Victor Snchez-Margalet

## List of Publications by Citations



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| 184 papers | 6,180 citations | 41 h-index | 71 g-index |
| 216 ext. papers | 7,036 ext. citations | 4.3 avg, IF | 5.88 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 184 | Human leptin stimulates proliferation and activation of human circulating monocytes. *Cellular Immunology*, **1999**, 194, 6-11 | 4.4 | 448 |
| 183 | Human leptin enhances activation and proliferation of human circulating T lymphocytes. *Cellular Immunology*, **2000**, 199, 15-24 | 4.4 | 410 |
| 182 | Signalling mechanisms regulating lipolysis. *Cellular Signalling*, **2006**, 18, 401-8 | 4.9 | 320 |
| 181 | Role of leptin in the activation of immune cells. *Mediators of Inflammation*, **2010**, 2010, 568343 | 4.3 | 260 |
| 180 | Role of leptin as an immunomodulator of blood mononuclear cells: mechanisms of action. *Clinical and Experimental Immunology*, **2003**, 133, 11-9 | 6.2 | 241 |
| 179 | Role of leptin as a link between metabolism and the immune system. *Cytokine and Growth Factor Reviews*, **2017**, 35, 71-84 | 17.9 | 144 |
| 178 | Role of phosphatidylinositol-3-kinase in insulin receptor signaling: studies with inhibitor, LY294002. *Biochemical and Biophysical Research Communications*, **1994**, 204, 446-52 | 3.4 | 119 |
| 177 | Human leptin activates PI3K and MAPK pathways in human peripheral blood mononuclear cells: possible role of Sam68. *Cellular Immunology*, **2001**, 212, 83-91 | 4.4 | 106 |
| 176 | Human leptin signaling in human peripheral blood mononuclear cells: activation of the JAK-STAT pathway. *Cellular Immunology*, **2001**, 211, 30-6 | 4.4 | 103 |
| 175 | Increased autophagy in placentas of intrauterine growth-restricted pregnancies. *PLoS ONE*, **2012**, 7, e40957 | 3.7 | 97 |
| 174 | Leptin promotes cell proliferation and survival of trophoblastic cells. *Biology of Reproduction*, **2007**, 76, 203-10 | 3.9 | 97 |
| 173 | Obesity and Breast Cancer: Role of Leptin. *Frontiers in Oncology*, **2019**, 9, 596 | 5.3 | 91 |
| 172 | Role of leptin in female reproduction. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, 15-28 | 5.9 | 84 |
| 171 | Protein kinase C involvement in apoptosis. *General Pharmacology*, **1995**, 26, 881-7 | | 83 |
| 170 | Homocysteine thiolactone inhibits insulin signaling, and glutathione has a protective effect. *Journal of Molecular Endocrinology*, **2001**, 27, 85-91 | 4.5 | 80 |
| 169 | Review: Leptin gene expression in the placenta--regulation of a key hormone in trophoblast proliferation and survival. *Placenta*, **2011**, 32 Suppl 2, S146-53 | 3.4 | 76 |
| 168 | Human leptin promotes survival of human circulating blood monocytes prone to apoptosis by activation of p42/44 MAPK pathway. *Cellular Immunology*, **2002**, 220, 143-9 | 4.4 | 75 |

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| 167 | Hyperhomocysteinemia correlates with insulin resistance and low-grade systemic inflammation in obese prepubertal children. *Metabolism: Clinical and Experimental*, **2006**, 55, 72-7 | 12.7 | 72 |
| 166 | Pancreastatin: multiple actions on human intermediary metabolism in vivo, variation in disease, and naturally occurring functional genetic polymorphism. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 5414-25 | 5.6 | 66 |
| 165 | Leptin prevents apoptosis of trophoblastic cells by activation of MAPK pathway. *Archives of Biochemistry and Biophysics*, **2008**, 477, 390-5 | 4.1 | 64 |
| 164 | Elevated plasma total homocysteine levels in hyperinsulinemic obese subjects. *Journal of Nutritional Biochemistry*, **2002**, 13, 75-79 | 6.3 | 64 |
| 163 | Leptin action in normal and pathological pregnancies. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 716-727 | 5.6 | 58 |
| 162 | 17Beta-estradiol enhances leptin expression in human placental cells through genomic and nongenomic actions. *Biology of Reproduction*, **2010**, 83, 42-51 | 3.9 | 57 |
| 161 | Pancreastatin: further evidence for its consideration as a regulatory peptide. *Journal of Molecular Endocrinology*, **1996**, 16, 1-8 | 4.5 | 56 |
| 160 | Leptin stimulates protein synthesis-activating translation machinery in human trophoblastic cells. *Biology of Reproduction*, **2009**, 81, 826-32 | 3.9 | 54 |
| 159 | Homocysteine thiolactone inhibits insulin-stimulated DNA and protein synthesis: possible role of mitogen-activated protein kinase (MAPK), glycogen synthase kinase-3 (GSK-3) and p70 S6K phosphorylation. *Journal of Molecular Endocrinology*, **2005**, 34, 119-26 | 4.5 | 53 |
| 158 | Leptin receptor (Ob-R) expression is induced in peripheral blood mononuclear cells by in vitro activation and in vivo in HIV-infected patients. *Clinical and Experimental Immunology*, **2002**, 129, 119-24 | 6.2 | 51 |
| 157 | Role of Leptin in Inflammation and Vice Versa. *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 49 |
| 156 | Role of Sam68 as an adaptor protein in signal transduction. *Cellular and Molecular Life Sciences*, **2005**, 62, 36-43 | 10.3 | 48 |
| 155 | Sam68 is a docking protein linking GAP and PI3K in insulin receptor signaling. *Molecular and Cellular Endocrinology*, **2001**, 183, 113-21 | 4.4 | 48 |
| 154 | Oleylethanolamide impairs glucose tolerance and inhibits insulin-stimulated glucose uptake in rat adipocytes through p38 and JNK MAPK pathways. *American Journal of Physiology - Endocrinology and Metabolism*, **2005**, 289, E923-9 | 6 | 47 |
| 153 | Pancreastatin modulates insulin signaling in rat adipocytes: mechanisms of cross-talk. *Diabetes*, **2000**, 49, 1288-94 | 0.9 | 47 |
| 152 | A System of Care for Patients With ST-Segment Elevation Myocardial Infarction in India: The Tamil Nadu-ST-Segment Elevation Myocardial Infarction Program. *JAMA Cardiology*, **2017**, 2, 498-505 | 16.2 | 46 |
| 151 | Up-regulation of placental leptin by human chorionic gonadotropin. *Endocrinology*, **2009**, 150, 304-13 | 4.8 | 46 |
| 150 | New insights into the role of the immune microenvironment in breast carcinoma. *Clinical and Developmental Immunology*, **2013**, 2013, 785317 | | 45 |

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| 149 | Protein kinase C activation promotes cell survival in mature lymphocytes prone to apoptosis. *Biochemical Pharmacology*, **1994**, 47, 667-72 | 6 | 43 |
| 148 | Decreased protein kinase C activity is associated with programmed cell death (apoptosis) in freshly isolated rat hepatocytes. *Bioscience Reports*, **1992**, 12, 199-206 | 4.1 | 43 |
| 147 | Glycogenolytic effect of pancreastatin in the rat. *Bioscience Reports*, **1990**, 10, 87-91 | 4.1 | 43 |
| 146 | Leptin promotes cell survival and activates Jurkat T lymphocytes by stimulation of mitogen-activated protein kinase. *Clinical and Experimental Immunology*, **2008**, 151, 505-18 | 6.2 | 41 |
| 145 | p68 Sam is a substrate of the insulin receptor and associates with the SH2 domains of p85 PI3K. *FEBS Letters*, **1999**, 455, 307-10 | 3.8 | 41 |
| 144 | MgO-based adsorbents for CO adsorption: Influence of structural and textural properties on the CO adsorption performance. *Journal of Environmental Sciences*, **2017**, 57, 418-428 | 6.4 | 40 |
| 143 | Leptin stimulates the oxidative burst in control monocytes but attenuates the oxidative burst in monocytes from HIV-infected patients. *Clinical and Experimental Immunology*, **2003**, 134, 464-9 | 6.2 | 39 |
| 142 | Glycogenolytic effect of pancreastatin in isolated rat hepatocytes is mediated by a cyclic-AMP-independent Ca(2+)-dependent mechanism. *Biochemical Journal*, **1992**, 284 ( Pt 3), 659-62 | 3.8 | 39 |
| 141 | Elsevier Trophoblast Research Award lecture: Molecular mechanisms underlying estrogen functions in trophoblastic cells--focus on leptin expression. *Placenta*, **2012**, 33 Suppl, S63-70 | 3.4 | 36 |
| 140 | GSK3 is increased in adipose tissue and skeletal muscle from women with gestational diabetes where it regulates the inflammatory response. *PLoS ONE*, **2014**, 9, e115854 | 3.7 | 36 |
| 139 | Activated translation signaling in placenta from pregnant women with gestational diabetes mellitus: possible role of leptin. *Hormone and Metabolic Research*, **2013**, 45, 436-42 | 3.1 | 36 |
| 138 | Role of Sam68 in post-transcriptional gene regulation. *International Journal of Molecular Sciences*, **2013**, 14, 23402-19 | 6.3 | 35 |
| 137 | Glucogenolytic and hyperglycemic effect of 33-49 C-terminal fragment of pancreastatin in the rat in vivo. *Hormone and Metabolic Research*, **1992**, 24, 455-7 | 3.1 | 35 |
| 136 | MAPK and PI3K activities are required for leptin stimulation of protein synthesis in human trophoblastic cells. *Biochemical and Biophysical Research Communications*, **2010**, 396, 956-60 | 3.4 | 34 |
| 135 | Pancreastatin increases free cytosolic Ca2+ in rat hepatocytes, involving both pertussis-toxin-sensitive and -insensitive mechanisms. *Biochemical Journal*, **1993**, 294 ( Pt 2), 439-42 | 3.8 | 32 |
| 134 | Evaluation of the Nova StatSensor Xpress(TM) Creatinine point-of-care handheld analyzer. *PLoS ONE*, **2015**, 10, e0122433 | 3.7 | 31 |
| 133 | Leptin is an anti-apoptotic effector in placental cells involving p53 downregulation. *PLoS ONE*, **2014** , 9, e99187 | 3.7 | 31 |
| 132 | Regulation of placental leptin expression by cyclic adenosine 5Smonophosphate involves cross talk between protein kinase A and mitogen-activated protein kinase signaling pathways. *Endocrinology*, **2010**, 151, 3738-51 | 4.8 | 31 |

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| 131 | Increased plasma pancreastatin-like levels in gestational diabetes: correlation with catecholamine levels. *Diabetes Care*, **1998**, 21, 1951-4 | 14.6 | 31 |
| 130 | Pancreastatin inhibits insulin-stimulated glycogen synthesis but not glycolysis in rat hepatocytes. *Regulatory Peptides*, **1994**, 51, 215-20 | | 31 |
| 129 | Breast Cancer Immunology and Immunotherapy: Current Status and Future Perspectives. *International Review of Cell and Molecular Biology*, **2017**, 331, 1-53 | 6 | 30 |
| 128 | Cardiological Society of India: Position statement for the management of ST elevation myocardial infarction in India. *Indian Heart Journal*, **2017**, 69 Suppl 1, S63-S97 | 1.6 | 30 |
| 127 | Aortic Stiffness and Cardiovascular Risk in Women with Previous Gestational Diabetes Mellitus. *PLoS ONE*, **2015**, 10, e0136892 | 3.7 | 30 |
| 126 | Metabolic effects and mechanism of action of the chromogranin A-derived peptide pancreastatin. *Regulatory Peptides*, **2010**, 161, 8-14 | | 30 |
| 125 | Plasma pancreastatin-like immunoreactivity correlates with plasma norepinephrine levels in essential hypertension. *Neuropeptides*, **1995**, 29, 97-101 | 3.3 | 28 |
| 124 | Pancreastatin action in the liver: dual coupling to different G proteins. *Cellular Signalling*, **1996**, 8, 9-12 | 4.9 | 28 |
| 123 | Pancreastatin activates pertussis toxin-sensitive guanylate cyclase and pertussis toxin-insensitive phospholipase C in rat liver membranes. *Journal of Cellular Biochemistry*, **1994**, 55, 173-81 | 4.7 | 28 |
| 122 | Involvement of leptin in the molecular physiology of the placenta. *Reproduction*, **2018**, 155, R1-R12 | 3.8 | 27 |
| 121 | Evaluation of two HbA1c point-of-care analyzers. *Clinical Chemistry and Laboratory Medicine*, **2011**, 49, 653-7 | 5.9 | 27 |
| 120 | Association between Obesity Indices and Insulin Resistance among Healthy Korean Adolescents: The JS High School Study. *PLoS ONE*, **2015**, 10, e0125238 | 3.7 | 26 |
| 119 | Pancreastatin, a chromogranin A-derived peptide, inhibits leptin and enhances UCP-2 expression in isolated rat adipocytes. *Cellular and Molecular Life Sciences*, **2003**, 60, 2749-56 | 10.3 | 25 |
| 118 | Pancreastatin activates protein kinase C by stimulating the formation of 1,2-diacylglycerol in rat hepatocytes. *Biochemical Journal*, **1994**, 303 ( Pt 1), 51-4 | 3.8 | 25 |
| 117 | Testing pancreatic islet function at the single cell level by calcium influx with associated marker expression. *PLoS ONE*, **2015**, 10, e0122044 | 3.7 | 25 |
| 116 | Proliferation and survival of human amniotic epithelial cells during their hepatic differentiation. *PLoS ONE*, **2018**, 13, e0191489 | 3.7 | 25 |
| 115 | Regulation of leptin expression by 17beta-estradiol in human placental cells involves membrane associated estrogen receptor alpha. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2012**, 1823, 900-10 | 4.9 | 24 |
| 114 | Oleoylethanolamide, a natural ligand for PPAR-alpha, inhibits insulin receptor signalling in HTC rat hepatoma cells. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2009**, 1791, 740-5 | 5 | 24 |

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| 113 | Profile of patients triply infected with HIV and the hepatitis B and C viruses in the HAART era. *AIDS Research and Human Retroviruses*, **2008**, 24, 679-83 | 1.6 | 24 |
| 112 | Sensitivity of insulin-secreting RIN m5F cells to undergoing apoptosis by the protein kinase C inhibitor staurosporine. *Experimental Cell Research*, **1993**, 209, 160-3 | 4.2 | 24 |
| 111 | Modulation of insulin receptor signalling by pancreastatin in HTC hepatoma cells. *Diabetologia*, **1999**, 42, 317-25 | 10.3 | 23 |
| 110 | Pancreastatin, a chromogranin A-derived peptide, activates Galpha(16) and phospholipase C-beta(2) by interacting with specific receptors in rat heart membranes. *Cellular Signalling*, **2001**, 13, 43-9 | 4.9 | 22 |
| 109 | Insulin enhances leptin expression in human trophoblastic cells. *Biology of Reproduction*, **2013**, 89, 20 | 3.9 | 21 |
| 108 | Pancreastatin activates beta3 isoform of phospholipase C via G(alpha)11 protein stimulation in rat liver membranes. *Molecular and Cellular Endocrinology*, **1998**, 143, 101-6 | 4.4 | 21 |
| 107 | Pancreastatin. Biological effects and mechanisms of action. *Advances in Experimental Medicine and Biology*, **2000**, 482, 247-62 | 3.6 | 21 |
| 106 | Pancreastatin, a chromogranin A-derived peptide, inhibits DNA and protein synthesis by producing nitric oxide in HTC rat hepatoma cells. *Journal of Hepatology*, **2001**, 35, 80-5 | 13.4 | 21 |
| 105 | Insulin-like growth factor-1 stimulation of cells induces formation of complexes containing phosphatidylinositol-3-kinase, guanosine triphosphatase-activating protein (GAP), and p62 GAP-associated protein. *Endocrinology*, **1995**, 136, 316-21 | 4.8 | 21 |
| 104 | Pancreastatin increases cytosolic Ca2+ in insulin secreting RINm5F cells. *Molecular and Cellular Endocrinology*, **1992**, 88, 129-33 | 4.4 | 21 |
| 103 | The alternative Epac/cAMP pathway and the MAPK pathway mediate hCG induction of leptin in placental cells. *PLoS ONE*, **2012**, 7, e46216 | 3.7 | 21 |
| 102 | Leptin downregulates aggrecan through the p38-ADAMST pathway in human nucleus pulposus cells. *PLoS ONE*, **2014**, 9, e109595 | 3.7 | 21 |
| 101 | Insulin and Leptin Signaling in Placenta from Gestational Diabetic Subjects. *Hormone and Metabolic Research*, **2016**, 48, 62-9 | 3.1 | 20 |
| 100 | Blocking of melatonin synthesis and MT(1) receptor impairs the activation of Jurkat T cells. *Cellular and Molecular Life Sciences*, **2010**, 67, 3163-72 | 10.3 | 20 |
| 99 | Adiponectin impairs chicken preadipocytes differentiation through p38 MAPK/ATF-2 and TOR/p70 S6 kinase pathways. *PLoS ONE*, **2013**, 8, e77716 | 3.7 | 19 |
| 98 | Pancreastatin and its 33-49 C-terminal fragment inhibit glucagon-stimulated insulin in vivo. *General Pharmacology*, **1992**, 23, 637-8 | | 19 |
| 97 | G protein G alpha q/11 and G alpha i1,2 are activated by pancreastatin receptors in rat liver: studies with GTP-gamma 35S and azido-GTP-alpha-32P. *Journal of Cellular Biochemistry*, **1999**, 73, 469-77 | 4.7 | 18 |
| 96 | Characterization of pancreastatin receptors and signaling in adipocyte membranes. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1999**, 1451, 153-62 | 4.9 | 18 |

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| 95 | Framework for a National STEMI Program: consensus document developed by STEMI INDIA, Cardiological Society of India and Association Physicians of India. *Indian Heart Journal*, **2015**, 67, 497-502 | 1.6 | 17 |
| 94 | Inhibition of HMGB1 protects the retina from ischemia-reperfusion, as well as reduces insulin resistance proteins. *PLoS ONE*, **2017**, 12, e0178236 | 3.7 | 17 |
| 93 | Leptin promotes HLA-G expression on placental trophoblasts via the MEK/Erk and PI3K signaling pathways. *Placenta*, **2015**, 36, 419-26 | 3.4 | 17 |
| 92 | Pancreastatin receptor is coupled to a guanosine triphosphate-binding protein of the G(q/11)alpha family in rat liver membranes. *Hepatology*, **1998**, 27, 608-14 | 11.2 | 17 |
| 91 | Leptin expression in healthy and inflamed human dental pulp. *International Endodontic Journal*, **2013**, 46, 442-8 | 5.4 | 16 |
| 90 | Risk Factors for Hyperglycaemia in Pregnancy in Tamil Nadu, India. *PLoS ONE*, **2016**, 11, e0151311 | 3.7 | 16 |
| 89 | Pancreastatin, a chromogranin A-derived peptide, activates protein synthesis signaling cascade in rat adipocytes. *Biochemical and Biophysical Research Communications*, **2002**, 299, 525-31 | 3.4 | 15 |
| 88 | Pancreastatin decreases plasma epinephrine levels in surgical stress in the rat. *Peptides*, **1993**, 14, 797-9 | 3.8 | 15 |
| 87 | Increased Expression of Aquaporin 9 in Trophoblast From Gestational Diabetic Patients. *Hormone and Metabolic Research*, **2016**, 48, 535-9 | 3.1 | 15 |
| 86 | First-trimester proteomic profiling identifies novel predictors of gestational diabetes mellitus. *PLoS ONE*, **2019**, 14, e0214457 | 3.7 | 14 |
| 85 | New horizons in breast cancer: the promise of immunotherapy. *Clinical and Translational Oncology*, **2019**, 21, 117-125 | 3.6 | 14 |
| 84 | The expression of Sam68, a protein involved in insulin signal transduction, is enhanced by insulin stimulation. *Cellular and Molecular Life Sciences*, **2003**, 60, 751-8 | 10.3 | 14 |
| 83 | Stimulation of glycogen synthesis by insulin requires S6 kinase and phosphatidylinositol-3-kinase in HTC-IR cells. *Journal of Cellular Physiology*, **2000**, 182, 182-8 | 7 | 14 |
| 82 | A chemiluminescence method to analyze phosphatidylcholine-phospholipase activity in plasma membrane preparations and in intact cells. *Analytical Biochemistry*, **1995**, 231, 277-81 | 3.1 | 14 |
| 81 | Human amniotic membrane conditioned medium inhibits proliferation and modulates related microRNAs expression in hepatocarcinoma cells. *Scientific Reports*, **2019**, 9, 14193 | 4.9 | 13 |
| 80 | Exogenous amino acids are essential for interleukin-7 induced CD8 T cell growth. [corrected]. *PLoS ONE*, **2012**, 7, e33998 | 3.7 | 13 |
| 79 | A two-step screening, measurement of HbA1c in association with FPG, may be useful in predicting diabetes. *PLoS ONE*, **2012**, 7, e36309 | 3.7 | 13 |
| 78 | Pancreastatin, a chromogranin-A-derived peptide, inhibits insulin-stimulated glycogen synthesis by activating GSK-3 in rat adipocytes. *Biochemical and Biophysical Research Communications*, **2001**, 289, 282-7 | 3.4 | 13 |

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| 77 | Pancreastatin inhibits insulin action in rat adipocytes. *American Journal of Physiology - Endocrinology and Metabolism*, **1998**, 275, E1055-60 | 6 | 13 |
| 76 | Leptin reduces apoptosis triggered by high temperature in human placental villous explants: The role of the p53 pathway. *Placenta*, **2016**, 42, 106-13 | 3.4 | 12 |
| 75 | Inflammatory response to coronary stent implantation in patients with unstable angina. *Clinical Chemistry and Laboratory Medicine*, **2002**, 40, 769-74 | 5.9 | 12 |
| 74 | Insulin activates G alpha il,2 protein in rat hepatoma (HTC) cell membranes. *Cellular and Molecular Life Sciences*, **1999**, 55, 142-7 | 10.3 | 12 |
| 73 | Role of p85 subunit of phosphatidylinositol-3-kinase as an adaptor molecule linking the insulin receptor to insulin receptor substrate 1. *Molecular Endocrinology*, **1995**, 9, 435-442 | | 12 |
| 72 | Screening for Gestational Diabetes Mellitus by Measuring Glycated Hemoglobin Can Reduce the Use of the Glucose Challenge Test. *Annals of Laboratory Medicine*, **2019**, 39, 524-529 | 3.1 | 11 |
| 71 | Leptin receptor is up-regulated in inflamed human dental pulp. *Journal of Endodontics*, **2013**, 39, 1567-71 | 4.7 | 11 |
| 70 | Leptin receptor activation increases Sam68 tyrosine phosphorylation and expression in human trophoblastic cells. *Molecular and Cellular Endocrinology*, **2011**, 332, 221-7 | 4.4 | 11 |
| 69 | Reprint of: Metabolic effects and mechanism of action of the chromogranin A-derived peptide pancreastatin. *Regulatory Peptides*, **2010**, 165, 71-7 | | 11 |
| 68 | Characterization of pancreastatin receptor and signaling in rat HTC hepatoma cells. *European Journal of Pharmacology*, **2000**, 397, 229-35 | 5.3 | 11 |
| 67 | Leptin and Nutrition in Gestational Diabetes. *Nutrients*, **2020**, 12, | 6.7 | 10 |
| 66 | Leptin upregulates aquaporin 9 expression in human placenta in vitro. *Gynecological Endocrinology*, **2018**, 34, 175-177 | 2.4 | 10 |
| 65 | The role of insulin C-peptide in the coevolution analyses of the insulin signaling pathway: a hint for its functions. *PLoS ONE*, **2012**, 7, e52847 | 3.7 | 10 |
| 64 | Glycated hemoglobin vs. the oral glucose tolerance test for the exclusion of impaired glucose tolerance in high-risk individuals. *Clinical Chemistry and Laboratory Medicine*, **2010**, 48, 1719-22 | 5.9 | 10 |
| 63 | eNOS, nNOS, cGMP and protein kinase G mediate the inhibitory effect of pancreastatin, a chromogranin A-derived peptide, on growth and proliferation of hepatoma cells. *Regulatory Peptides*, **2005**, 125, 41-6 | | 10 |
| 62 | Sam68 associates with the SH3 domains of Grb2 recruiting GAP to the Grb2-SOS complex in insulin receptor signaling. *Journal of Cellular Biochemistry*, **2002**, 86, 99-106 | 4.7 | 10 |
| 61 | Affinity purification of pancreastatin receptor-Gq/11 protein complex from rat liver membranes. *Archives of Biochemistry and Biophysics*, **2000**, 378, 151-6 | 4.1 | 10 |
| 60 | Postprandial triglyceride-rich lipoproteins promote M1/M2 microglia polarization in a fatty-acid-dependent manner. *Journal of Nutritional Biochemistry*, **2020**, 75, 108248 | 6.3 | 10 |

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| 59 | Leptin promotes dentin sialophosphoprotein expression in human dental pulp. *Journal of Endodontics*, **2015**, 41, 487-92 | 4.7 | 9 |
| 58 | Sam68 Mediates the Activation of Insulin and Leptin Signalling in Breast Cancer Cells. *PLoS ONE*, **2016**, 11, e0158218 | 3.7 | 9 |
| 57 | Role of Leptin in Non-Alcoholic Fatty Liver Disease. *Biomedicines*, **2021**, 9, | 4.8 | 9 |
| 56 | Leptin, Both Bad and Good Actor in Cancer. *Biomolecules*, **2021**, 11, | 5.9 | 9 |
| 55 | Leptin stimulates DMP-1 and DSPP expression in human dental pulp via MAPK 1/3 and PI3K signaling pathways. *Archives of Oral Biology*, **2019**, 98, 126-131 | 2.8 | 9 |
| 54 | Mechanisms involved in p53 downregulation by leptin in trophoblastic cells. *Placenta*, **2015**, 36, 1266-75 | 3.4 | 8 |
| 53 | CD69 is a TGF-β1, 25-dihydroxyvitamin D3 target gene in monocytes. *PLoS ONE*, **2013**, 8, e64635 | 3.7 | 8 |
| 52 | Altered regulation of ELAVL1/HuR in HLA-B27-expressing U937 monocytic cells. *PLoS ONE*, **2013**, 8, e70377 | 3.7 | 8 |
| 51 | Diminished insulin receptors on erythrocyte ghosts in nonobese patients with essential hypertension independent of hyperinsulinemia. *Journal of Cardiovascular Pharmacology*, **1994**, 24, 74-7 | 3.1 | 8 |
| 50 | Solubilization and Molecular Characterization of Active Pancreastatin Receptors from Rat Liver Membranes | | 8 |
| 49 | Two-year follow-up data from the STEPP-AMI study: A prospective, observational, multicenter study comparing tenecteplase-facilitated PCI versus primary PCI in Indian patients with STEMI. *Indian Heart Journal*, **2016**, 68, 169-73 | 1.6 | 8 |
| 48 | Nutritional modulation of leptin expression and leptin action in obesity and obesity-associated complications. *Journal of Nutritional Biochemistry*, **2021**, 89, 108561 | 6.3 | 8 |
| 47 | Diabetes mellitus and cardiovascular risk: Update of the recommendations of the Diabetes and Cardiovascular Disease working group of the Spanish Diabetes Society (SED, 2018). *Clínica E Investigación En Arteriosclerosis*, **2018**, 30, 137-153 | 1.4 | 8 |
| 46 | Sam68 interacts with IRS1. *Biochemical Pharmacology*, **2012**, 83, 78-87 | 6 | 7 |
| 45 | Sam68 mediates leptin-stimulated growth by modulating leptin receptor signaling in human trophoblastic JEG-3 cells. *Human Reproduction*, **2011**, 26, 2306-15 | 5.7 | 7 |
| 44 | Normal pancreastatin-like and increased post-glucose insulin levels in young offspring of insulin-resistant non-obese essential hypertensive patients. *Journal of Endocrinology*, **1997**, 153, 313-8 | 4.7 | 7 |
| 43 | Educational intervention together with an on-line quality control program achieve recommended analytical goals for bedside blood glucose monitoring in a 1200-bed university hospital. *Clinical Chemistry and Laboratory Medicine*, **2005**, 43, 876-9 | 5.9 | 7 |
| 42 | Pancreastatin (33-49) enhances the priming effect of glucose in the rat pancreas. *Experientia*, **1993**, 49, 551-2 | | 7 |

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| 41 | Circulating regulatory T cells from breast cancer patients in response to neoadjuvant chemotherapy.. *Translational Cancer Research*, **2019**, 8, 59-65 | 0.3 | 7 |
| 40 | Leptin protects placental cells from apoptosis induced by acidic stress. *Cell and Tissue Research*, **2019**, 375, 733-742 | 4.2 | 7 |
| 39 | Evaluation of a HbA1c point-of-care analyzer. *Clinical Biochemistry*, **2015**, 48, 686-9 | 3.5 | 6 |
| 38 | Expression and immunohistochemical localization of leptin in human periapical granulomas. *Medicina Oral, Patologia Oral Y Cirugia Bucal*, **2015**, 20, e334-9 | 2.6 | 6 |
| 37 | Effective treatment of pulmonary tuberculosis restores plasma leptin levels. *European Cytokine Network*, **2013**, 24, 157-61 | 3.3 | 6 |
| 36 | Purification of pancreastatin receptor from rat liver membranes. *Methods in Molecular Biology*, **2003**, 228, 187-94 | 1.4 | 6 |
| 35 | Expression of activation molecules in neutrophils, monocytes and lymphocytes from patients with unstable angina treated with stent implantation. *Clinical Chemistry and Laboratory Medicine*, **2004**, 42, 273-8 | 5.9 | 6 |
| 34 | Circulating myeloid-derived suppressor cells and regulatory T cells as immunological biomarkers in refractory/relapsed diffuse large B-cell lymphoma: translational results from the R2-GDP-GOTEL trial **2021**, 9, | | 6 |
| 33 | Increased Blood Monocytic Myeloid Derived Suppressor Cells but Low Regulatory T Lymphocytes in Patients with Mild COVID-19. *Viral Immunology*, **2021**, 34, 639-645 | 1.7 | 6 |
| 32 | Expression and immunohistochemical localization of leptin receptor in human periapical granuloma. *International Endodontic Journal*, **2015**, 48, 611-8 | 5.4 | 5 |
| 31 | The impact of systems-of-care on pharmacoinvasive management with streptokinase: The subgroup analysis of the TN-STEMI programme. *Indian Heart Journal*, **2017**, 69, 573-579 | 1.6 | 5 |
| 30 | Sam68 is tyrosine phosphorylated and recruited to signalling in peripheral blood mononuclear cells from HIV infected patients. *Clinical and Experimental Immunology*, **2005**, 141, 518-25 | 6.2 | 5 |
| 29 | Reference intervals for N-terminal pro-B-type natriuretic peptide in amniotic fluid between 10 and 34 weeks of gestation. *PLoS ONE*, **2014**, 9, e114416 | 3.7 | 5 |
| 28 | Stem cells and COVID-19: are the human amniotic cells a new hope for therapies against the SARS-CoV-2 virus?. *Stem Cell Research and Therapy*, **2021**, 12, 155 | 8.3 | 5 |
| 27 | Maternal diet modulates placental nutrient transporter gene expression in a mouse model of diabetic pregnancy. *PLoS ONE*, **2019**, 14, e0224754 | 3.7 | 5 |
| 26 | Automated urinalysis combining physicochemical analysis, on-board centrifugation, and digital imaging in one system: A multicenter performance evaluation of the cobas 6500 urine work area. *Practical Laboratory Medicine*, **2019**, 17, e00139 | 1.7 | 4 |
| 25 | Sp1 transcription factor is a modulator of estradiol leptin induction in placental cells. *Placenta*, **2017**, 57, 152-162 | 3.4 | 4 |
| 24 | Differential expression of a WD protein during squamous differentiation of tracheal epithelial cells. *Journal of Cellular Biochemistry*, **2002**, 86, 194-201 | 4.7 | 4 |

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| 23 | Sam68 mediates leptin signaling and action in human granulosa cells: possible role in leptin resistance in PCOS. *Endocrine Connections*, **2020**, 9, 479-488 | 3.5 | 4 |
| 22 | Circulating immune biomarkers in peripheral blood correlate with clinical outcomes in advanced breast cancer. *Scientific Reports*, **2021**, 11, 14426 | 4.9 | 4 |
| 21 | Human amniotic epithelial cells: Proliferation and apoptosis during their hepatic differentiation. *Placenta*, **2015**, 36, 509 | 3.4 | 3 |
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