# Carlos Hernandez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1694441/publications.pdf

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|---|---|---|---|
| 45<br>papers | 6,337<br>citations | 304602<br>22<br>h-index | 254106<br>43<br>g-index |
| 46<br>all docs | 46<br>docs citations | 46<br>times ranked | 15908<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | Regulation of hypoxia-inducible factor-1Î± by nitric oxide through mitochondria-dependent and -independent pathways. Biochemical Journal, 2003, 376, 537-544. | 1.7 | 246 |
| 3 | The activation of Wnt signaling by a STAT6-dependent macrophage phenotype promotes mucosal repair in murine IBD. Mucosal Immunology, 2016, 9, 986-998. | 2.7 | 140 |
| 4 | Succinate receptor mediates intestinal inflammation and fibrosis. Mucosal Immunology, 2019, 12, 178-187. | 2.7 | 122 |
| 5 | M2 Macrophages Activate WNT Signaling Pathway in Epithelial Cells: Relevance in Ulcerative Colitis. PLoS ONE, 2013, 8, e78128. | 1.1 | 104 |
| 6 | Regulation of Hepatic ApoC3 Expression by PGC-1Î² Mediates Hypolipidemic Effect of Nicotinic Acid. Cell Metabolism, 2010, 12, 411-419. | 7.2 | 69 |
| 7 | Induction of trefoil factor (TFF)1, TFF2 and TFF3 by hypoxia is mediated by hypoxia inducible factorâ€1: implications for gastric mucosal healing. British Journal of Pharmacology, 2009, 156, 262-272. | 2.7 | 67 |
| 8 | Stimulation of autophagy prevents intestinal mucosal inflammation and ameliorates murine colitis. British Journal of Pharmacology, 2017, 174, 2501-2511. | 2.7 | 66 |
| 9 | Hypoxic macrophages impair autophagy in epithelial cells through Wnt1: relevance in IBD. Mucosal Immunology, 2014, 7, 929-938. | 2.7 | 61 |
| 10 | Early Detection of Hyperprogressive Disease in Non-Small Cell Lung Cancer by Monitoring of Systemic T Cell Dynamics. Cancers, 2020, 12, 344. | 1.7 | 60 |
| 11 | PD-L1 Expression in Systemic Immune Cell Populations as a Potential Predictive Biomarker of Responses to PD-L1/PD-1 Blockade Therapy in Lung Cancer. International Journal of Molecular Sciences, 2019, 20, 1631. | 1.8 | 59 |
| 12 | Induction of CD36 and Thrombospondin-1 in Macrophages by Hypoxia-Inducible Factor 1 and Its Relevance in the Inflammatory Process. PLoS ONE, 2012, 7, e48535. | 1.1 | 53 |
| 13 | Downregulation of nNOS and synthesis of PGs associated with endotoxin-induced delay in gastric emptying. American Journal of Physiology - Renal Physiology, 2002, 283, G1360-G1367. | 1.6 | 48 |
| 14 | Resistance to PD-L1/PD-1 Blockade Immunotherapy. A Tumor-Intrinsic or Tumor-Extrinsic Phenomenon?. Frontiers in Pharmacology, 2020, 11, 441. | 1.6 | 48 |
| 15 | Oxidative stress as common trait of endothelial dysfunction in chorionic arteries from fetuses with IUGR and LGA. Placenta, 2015, 36, 552-558. | 0.7 | 41 |
| 16 | M1 Macrophages Activate Notch Signalling in Epithelial Cells: Relevance in Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2016, 10, 582-592. | 0.6 | 35 |
| 17 | Indomethacin Disrupts Autophagic Flux by Inducing Lysosomal Dysfunction in Gastric Cancer Cells and Increases Their Sensitivity to Cytotoxic Drugs. Scientific Reports, 2018, 8, 3593. | 1.6 | 33 |
| 18 | Aspirin-induced gastrointestinal damage is associated with an inhibition of epithelial cell autophagy. Journal of Gastroenterology, 2016, 51, 691-701. | 2.3 | 30 |

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|---|---|---|---|
| 19 | CD16+ Macrophages Mediate Fibrosis in Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2018, 12, 589-599. | 0.6 | 30 |
| 20 | Systemic Blood Immune Cell Populations as Biomarkers for the Outcome of Immune Checkpoint Inhibitor Therapies. International Journal of Molecular Sciences, 2020, 21, 2411. | 1.8 | 28 |
| 21 | Uncovering the Cultivable Microbial Diversity of Costa Rican Beetles and Its Ability to Break Down Plant Cell Wall Components. PLoS ONE, 2014, 9, e113303. | 1.1 | 24 |
| 22 | Gastrin induces leukocyteâ€endothelial cell interactions in vivo and contributes to the inflammation caused by Helicobacter pylori. FASEB Journal, 2006, 20, 2396-2398. | 0.2 | 23 |
| 23 | iNOSâ€derived nitric oxide mediates the increase in TFF2 expression associated with gastric damage: role of HIFâ€1. FASEB Journal, 2010, 24, 136-145. | 0.2 | 23 |
| 24 | Synthesis of nitric oxide in postâ€ganglionic myenteric neurons during endotoxemia: implications for gastric motor function. FASEB Journal, 2004, 18, 531-533. | 0.2 | 21 |
| 25 | A Single Nucleotide Polymorphism in the Vitamin D Receptor Gene Is Associated With Decreased Levels of the Protein and a Penetrating Pattern in Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2018, 24, 1462-1470. | 0.9 | 17 |
| 26 | Progastrin Represses the Alternative Activation of Human Macrophages and Modulates Their Influence on Colon Cancer Epithelial Cells. PLoS ONE, 2014, 9, e98458. | 1.1 | 16 |
| 27 | Sarcoptic Mange in a South American Gray Fox (Chilla Fox;Lycalopex griseus), Chile. Journal of Wildlife Diseases, 2016, 52, 738-741. | 0.3 | 16 |
| 28 | Gastric mucosal resistance to acute injury in experimental portal hypertension. British Journal of Pharmacology, 2001, 132, 309-317. | 2.7 | 15 |
| 29 | Nitric oxide, derived from inducible nitric oxide synthase, decreases hypoxia inducible factorâ€1Î± in macrophages during aspirinâ€induced mesenteric inflammation. British Journal of Pharmacology, 2010, 159, 1636-1645. | 2.7 | 15 |
| 30 | Regulation of homocysteine homeostasis through the transcriptional coactivator PGC-1Î±. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E543-E548. | 1.8 | 13 |
| 31 | The vitamin D receptor Taq I polymorphism is associated with reduced VDR and increased PDIA3 protein levels in human intestinal fibroblasts. Journal of Steroid Biochemistry and Molecular Biology, 2020, 202, 105720. | 1.2 | 13 |
| 32 | Diminished Vitamin D Receptor Protein Levels in Crohnâ€™s Disease Fibroblasts: Effects of Vitamin D. Nutrients, 2020, 12, 973. | 1.7 | 11 |
| 33 | A Sweet Path to Insulin Resistance Through PGC-1Î². Cell Metabolism, 2009, 9, 215-216. | 7.2 | 10 |
| 34 | Interference with purinergic signalling. Aids, 2016, 30, 1341-1351. | 1.0 | 10 |
| 35 | The flesh ethanolic extract of Hylocereus polyrhizus exerts anti-inflammatory effects and prevents murine colitis. Clinical Nutrition, 2016, 35, 1333-1339. | 2.3 | 9 |
| 36 | Functional gastrointestinal disorders in children from low socioâ€economic status and Helicobacter pylori infection. Child: Care, Health and Development, 2018, 44, 319-325. | 0.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Profound Reprogramming towards Stemness in Pancreatic Cancer Cells as Adaptation to AKT Inhibition. Cancers, 2020, 12, 2181. | 1.7 | 9 |
| 38 | Concordance between Lactose Quick Test, hydrogenâ€methane breath test and genotyping for the diagnosis of lactose malabsorption in children. Neurogastroenterology and Motility, 2018, 30, e13271. | 1.6 | 7 |
| 39 | Transcriptional up-regulation of nNOS in the dorsal vagal complex during low endotoxemia. Life Sciences, 2005, 77, 1044-1054. | 2.0 | 6 |
| 40 | Model-based engineering of autonomous systems using ontologies and metamodels. , 2016, , . | | 6 |
| 41 | A Proteomic Atlas of Lineage and Cancer-Polarized Expression Modules in Myeloid Cells Modeling Immunosuppressive Tumor-Infiltrating Subsets. Journal of Personalized Medicine, 2021, 11, 542. | 1.1 | 6 |
| 42 | Salmonella Enteritidis in chicken carcasses and giblets in Southern Chile. Journal of Infection in Developing Countries, 2010, 4, 107-109. | 0.5 | 6 |
| 43 | Interleukin 1Î²-induced inhibition of gastric acid secretion involves glutamate, NO and cGMP synthesis in the brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 367, 22-27. | 1.4 | 5 |
| 44 | Low endotoxemia prevents the reduction of gastric blood flow induced by NSAIDs: role of nitric oxide. British Journal of Pharmacology, 2003, 139, 263-270. | 2.7 | 5 |
| 45 | Characterisation of 11 Microsatellite DNA Markers from the Neotropic Cormorant (<i>Phalacrocorax) Tj ETQq1 1 0.784314 rgBT /Ove | 0.4 | 5 |