

Jos Antonio Gonzlez-Reyes

List of Publications by Year in Descending Order

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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.

45
papers

1,256
citations

20
h-index

35
g-index

49
ext. papers

1,487
ext. citations

5.2
avg, IF

3.61
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 45 | CYB5R3 overexpression preserves skeletal muscle mitochondria and autophagic signaling in aged transgenic mice.. <i>GeroScience</i> , 2022 , 1 | 8.9 | |
| 44 | Extracellular Vesicles from Different Pneumococcal Serotypes Are Internalized by Macrophages and Induce Host Immune Responses.. <i>Pathogens</i> , 2021 , 10, | 4.5 | 1 |
| 43 | A 1-Month Ketogenic Diet Increased Mitochondrial Mass in Red Gastrocnemius Muscle, but Not in the Brain or Liver of Middle-Aged Mice. <i>Nutrients</i> , 2021 , 13, | 6.7 | 1 |
| 42 | Mitochondrial health is enhanced in rats with higher vs. lower intrinsic exercise capacity and extended lifespan. <i>Npj Aging and Mechanisms of Disease</i> , 2021 , 7, 1 | 5.5 | 7 |
| 41 | A ketogenic diet impacts markers of mitochondrial mass in a tissue specific manner in aged mice. <i>Aging</i> , 2021 , 13, 7914-7930 | 5.6 | 5 |
| 40 | Approaching In Vivo Models of Pneumococcus-Host Interaction: Insights into Surface Proteins, Capsule Production, and Extracellular Vesicles. <i>Pathogens</i> , 2021 , 10, | 4.5 | 3 |
| 39 | Mitochondrial adaptations in liver and skeletal muscle to pro-longevity nutritional and genetic interventions: the crosstalk between calorie restriction and CYB5R3 overexpression in transgenic mice. <i>GeroScience</i> , 2020 , 42, 977-994 | 8.9 | 4 |
| 38 | Highly enhanced ELISA sensitivity using acetylated chitosan surfaces. <i>BMC Biotechnology</i> , 2020 , 20, 41 | 3.5 | 1 |
| 37 | The Impact of Aging, Calorie Restriction and Dietary Fat on Autophagy Markers and Mitochondrial Ultrastructure and Dynamics in Mouse Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 760-769 | 6.4 | 17 |
| 36 | Integrated proteomic and metabolomic analysis reveals that rhodomirtone reduces the capsule in <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2017 , 7, 2715 | 4.9 | 16 |
| 35 | Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016 , 23, 1093-1114 | 11.8 | 245 |
| 34 | Characterization of protective extracellular membrane-derived vesicles produced by <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2014 , 106, 46-60 | 3.9 | 129 |
| 33 | Mitochondrial ultrastructure and markers of dynamics in hepatocytes from aged, calorie restricted mice fed with different dietary fats. <i>Experimental Gerontology</i> , 2014 , 56, 77-88 | 4.5 | 25 |
| 32 | Dietary fat modifies mitochondrial and plasma membrane apoptotic signaling in skeletal muscle of calorie-restricted mice. <i>Age</i> , 2013 , 35, 2027-44 | | 19 |
| 31 | Alterations of ultrastructural and fission/fusion markers in hepatocyte mitochondria from mice following calorie restriction with different dietary fats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 1023-34 | 6.4 | 32 |
| 30 | FaGAST2, a strawberry ripening-related gene, acts together with FaGAST1 to determine cell size of the fruit receptacle. <i>Plant and Cell Physiology</i> , 2013 , 54, 218-36 | 4.9 | 36 |
| 29 | Mitochondrial dysfunction in antiphospholipid syndrome: implications in the pathogenesis of the disease and effects of coenzyme Q(10) treatment. <i>Blood</i> , 2012 , 119, 5859-70 | 2.2 | 67 |

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|----|---|-----|----|
| 28 | Genetic deletion of Nrf2 promotes immortalization and decreases life span of murine embryonic fibroblasts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011 , 66, 247-56 | 6.4 | 24 |
| 27 | Chitin synthase-deficient mutant of <i>Fusarium oxysporum</i> elicits tomato plant defence response and protects against wild-type infection. <i>Molecular Plant Pathology</i> , 2010 , 11, 479-93 | 5.7 | 24 |
| 26 | ChsVb, a class VII chitin synthase involved in septation, is critical for pathogenicity in <i>Fusarium oxysporum</i> . <i>Eukaryotic Cell</i> , 2008 , 7, 112-21 | | 67 |
| 25 | Ubiquitous expression of two translesion synthesis DNA polymerase genes in <i>Arabidopsis</i> . <i>Planta</i> , 2008 , 227, 1269-77 | 4.7 | 5 |
| 24 | Changes in Growth Pattern, Enzymatic Activities Related to Ascorbate Metabolism, and Hydrogen Peroxide in Onion Roots Growing Under Experimentally Increased Ascorbate Content. <i>Journal of Plant Growth Regulation</i> , 2007 , 26, 341-350 | 4.7 | 8 |
| 23 | Yeast biocapsules: A new immobilization method and their applications. <i>Enzyme and Microbial Technology</i> , 2006 , 40, 79-84 | 3.8 | 46 |
| 22 | Changes in intracellular and apoplastic peroxidase activity, ascorbate redox status, and root elongation induced by enhanced ascorbate content in <i>Allium cepa</i> L. <i>Journal of Experimental Botany</i> , 2005 , 56, 685-94 | 7 | 36 |
| 21 | A strawberry fruit-specific and ripening-related gene codes for a HyPRP protein involved in polyphenol anchoring. <i>Plant Molecular Biology</i> , 2004 , 55, 763-80 | 4.6 | 14 |
| 20 | Differential distribution of ascorbic acid, peroxidase activity, and hydrogen peroxide along the root axis in <i>Allium cepa</i> L. and its possible relationship with cell growth and differentiation. <i>Protoplasma</i> , 2003 , 221, 57-65 | 3.4 | 27 |
| 19 | Zonal changes in ascorbate and hydrogen peroxide contents, peroxidase, and ascorbate-related enzyme activities in onion roots. <i>Plant Physiology</i> , 2003 , 131, 697-706 | 6.6 | 75 |
| 18 | Localization of the plasma membrane H ⁺ -ATPase in Fe-deficient cucumber roots by immunodetection. <i>Plant and Soil</i> , 2002 , 241, 11-17 | 4.2 | 25 |
| 17 | High-density lipoproteins protect endothelial cells from apoptosis induced by oxidized low-density lipoproteins. <i>Protoplasma</i> , 2000 , 211, 198-206 | 3.4 | 2 |
| 16 | Reduction of ferric chelates by leaf plasma membrane preparations from Fe-deficient and Fe-sufficient sugar beet. <i>Functional Plant Biology</i> , 1999 , 26, 601 | 2.7 | 13 |
| 15 | Plasmalemma-associated malate dehydrogenase activity in onion root cells. <i>Protoplasma</i> , 1998 , 205, 29-36 | 3.4 | 15 |
| 14 | Quinones in plant plasma membranes - a missing link?. <i>Protoplasma</i> , 1998 , 205, 43-51 | 3.4 | 49 |
| 13 | Involvement of Plasma Membrane Redox Systems in Growth Control of Animal and Plant Cells 1998 , 193-213 | | 7 |
| 12 | Stimulation of onion root elongation by ascorbate and ascorbate free radical in <i>Allium cepa</i> L. <i>Protoplasma</i> , 1995 , 184, 31-35 | 3.4 | 24 |
| 11 | NADH-specific dehydrogenase from onion root plasma membrane: purification and characterization. <i>Protoplasma</i> , 1995 , 184, 133-139 | 3.4 | 9 |

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|----|---|-----|----|
| 10 | Xanthine accumulation and vacuolization in <i>Chlamydomonas reinhardtii</i> cells. <i>Protoplasma</i> , 1995 , 186, 93-98 | 3-4 | 4 |
| 9 | Expression of carbohydrate residues in plasma membrane glycoproteins during the differentiation of amphibian epidermal cells. <i>Protoplasma</i> , 1994 , 178, 87-96 | 3-4 | 2 |
| 8 | Relationship between apoplastic ascorbate regeneration and the stimulation of root growth in <i>Allium cepa</i> L.. <i>Plant Science</i> , 1994 , 100, 23-29 | 5-3 | 26 |
| 7 | The onset of cell proliferation is stimulated by ascorbate free radical in onion root primordia. <i>Biology of the Cell</i> , 1993 , 77, 231-233 | 3-5 | 19 |
| 6 | The effect of ascorbate free radical on the energy state of the plasma membrane of onion (<i>Allium cepa</i> L.) root cells: alteration of K ⁺ efflux by ascorbate?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1992 , 1098, 177-183 | 4-6 | 21 |
| 5 | Ascorbate Free Radical Stimulates Onion Root Growth by Increasing Cell Elongation. <i>Botanical Gazette</i> , 1991 , 152, 282-288 | | 48 |
| 4 | Differential morphometric values induced in Golgi apparatus of higher plant cells by aldehyde and permanganate fixation. <i>Journal of Electron Microscopy Technique</i> , 1989 , 11, 1-8 | | 8 |
| 3 | Ascorbate free radical enhances vacuolization in onion root meristems. <i>Plant, Cell and Environment</i> , 1989 , 12, 455-460 | 8-4 | 38 |
| 2 | Changes of dictyosome ultrastructure during the cell cycle in onion root meristematic cells. A morphometric and stereological study. <i>Protoplasma</i> , 1988 , 146, 35-40 | 3-4 | 1 |
| 1 | An ultrastructural study of cell plate modifications induced by 2,6-dichlorobenzonitrile in onion root meristems. <i>Protoplasma</i> , 1986 , 132, 172-178 | 3-4 | 11 |