

JosÃ© Antonio GonzÃ¡lez-Reyes

List of Publications by Year in descending order

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49
papers

1,683
citations

346980

22
h-index

325983

40
g-index

49
all docs

49
docs citations

49
times ranked

2892
citing authors

#	ARTICLE	IF	CITATIONS
1	CYB5R3 overexpression preserves skeletal muscle mitochondria and autophagic signaling in aged transgenic mice. <i>GeroScience</i> , 2022, 44, 2223-2241.	2.1	3
2	Age-dependent impact of two exercise training regimens on genomic and metabolic remodeling in skeletal muscle and liver of male mice. , 2022, 8, .		6
3	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.	4.5	20
4	A ketogenic diet impacts markers of mitochondrial mass in a tissue specific manner in aged mice. <i>Aging</i> , 2021, 13, 7914-7930.	1.4	12
5	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, 2533.	1.7	5
6	Approaching In Vivo Models of Pneumococcusâ€™Host Interaction: Insights into Surface Proteins, Capsule Production, and Extracellular Vesicles. <i>Pathogens</i> , 2021, 10, 1098.	1.2	4
7	Extracellular Vesicles from Different Pneumococcal Serotypes Are Internalized by Macrophages and Induce Host Immune Responses. <i>Pathogens</i> , 2021, 10, 1530.	1.2	7
8	Covalent Immobilization of Antibodies through Tetrazine-TCO Reaction to Improve Sensitivity of ELISA Technique. <i>Biosensors</i> , 2021, 11, 524.	2.3	0
9	Highly enhanced ELISA sensitivity using acetylated chitosan surfaces. <i>BMC Biotechnology</i> , 2020, 20, 41.	1.7	7
10	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.	2.1	7
11	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.	1.7	33
12	Integrated proteomic and metabolomic analysis reveals that rhodomyrton reduces the capsule in <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2017, 7, 2715.	1.6	22
13	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
14	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.	1.2	30
15	Characterization of protective extracellular membrane-derived vesicles produced by <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2014, 106, 46-60.	1.2	203
16	Dietary fat modifies mitochondrial and plasma membrane apoptotic signaling in skeletal muscle of calorie-restricted mice. <i>Age</i> , 2013, 35, 2027-2044.	3.0	22
17	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, 1023-1034.	1.7	41
18	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, 218-236.	1.5	64

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19	Mitochondrial dysfunction in antiphospholipid syndrome: implications in the pathogenesis of the disease and effects of coenzyme Q10 treatment. <i>Blood</i> , 2012, 119, 5859-5870.	0.6	82
20	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, 66A, 247-256.	1.7	28
21	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, 479-493.	2.0	27
22	Ubiquitous expression of two translesion synthesis DNA polymerase genes in <i>Arabidopsis</i> . <i>Planta</i> , 2008, 227, 1269-1277.	1.6	5
23	ChsVb, a Class VII Chitin Synthase Involved in Septation, Is Critical for Pathogenicity in <i>Fusarium oxysporum</i> . <i>Eukaryotic Cell</i> , 2008, 7, 112-121.	3.4	84
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.	2.8	8
25	Yeast biocapsules: A new immobilization method and their applications. <i>Enzyme and Microbial Technology</i> , 2006, 40, 79-84.	1.6	61
26	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, 685-694.	2.4	40
27	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.	2.0	18
28	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.	1.0	33
29	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.	2.3	91
30	Localization of the plasma membrane H ⁺ -ATPase in Fe-deficient cucumber roots by immunodetection. <i>Plant and Soil</i> , 2002, 241, 11-17.	1.8	29
31	High-density lipoproteins protect endothelial cells from apoptosis induced by oxidized low-density lipoproteins. <i>Protoplasma</i> , 2000, 211, 198-206.	1.0	2
32	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.	1.1	17
33	Plasmalemma-associated malate dehydrogenase activity in onion root cells. <i>Protoplasma</i> , 1998, 205, 29-36.	1.0	15
34	Quinones in plant plasma membranes – a missing link?. <i>Protoplasma</i> , 1998, 205, 43-51.	1.0	54
35	Involvement of Plasma Membrane Redox Systems in Growth Control of Animal and Plant Cells. , 1998, , 193-213.		7
36	Stimulation of onion root elongation by ascorbate and ascorbate free radical in <i>Allium cepa</i> L. <i>Protoplasma</i> , 1995, 184, 31-35.	1.0	29

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37	NADH-specific dehydrogenase from onion root plasma membrane: purification and characterization. <i>Protoplasma</i> , 1995, 184, 133-139.	1.0	9
38	Xanthine accumulation and vacuolization in <i>Chlamydomonas reinhardtii</i> cells. <i>Protoplasma</i> , 1995, 186, 93-98.	1.0	6
39	Expression of carbohydrate residues in plasma membrane glycoproteins during the differentiation of amphibian epidermal cells. <i>Protoplasma</i> , 1994, 178, 87-96.	1.0	3
40	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.	1.7	28
41	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.	0.7	20
42	The effect of ascorbate free radical on the energy state of the plasma membrane of onion (<i>Allium cepa</i>) Tj ETQq0 0 0 rgBT /Overlock 10 1098, 177-183.	0.5	26
43	Ascorbate Free Radical Stimulates Onion Root Growth by Increasing Cell Elongation. <i>Botanical Gazette</i> , 1991, 152, 282-288.	0.6	49
44	Protective effects of ascorbate free radical against caffeine and dichlobenil action in onion roots. <i>Cell Biology International Reports</i> , 1990, 14, 133-141.	0.7	0
45	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.	1.1	10
46	Ascorbate free radical enhances vacuolization in onion root meristems. <i>Plant, Cell and Environment</i> , 1989, 12, 455-460.	2.8	41
47	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.	1.0	1
48	A stereological analysis of organelle redistribution during cytokinesis in onion root meristems. <i>Cell Biology International Reports</i> , 1988, 12, 877-884.	0.7	0
49	An ultrastructural study of cell plate modifications induced by 2,6-dichlorobenzonitrile in onion root meristems. <i>Protoplasma</i> , 1986, 132, 172-178.	1.0	14