

# Juan Gambini

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

3,147  
citations

147566

31  
h-index

155451

55  
g-index

65  
all docs

65  
docs citations

65  
times ranked

5311  
citing authors

#	ARTICLE	IF	CITATIONS
1	17 $\beta$ -oestradiol up-regulates longevity-related, antioxidant enzyme expression via the ERK1 and ERK2[MAPK]/NF $\kappa$ B cascade. <i>Aging Cell</i> , 2005, 4, 113-118.	3.0	240
2	Why females live longer than males? Importance of the upregulation of longevity-associated genes by oestrogenic compounds. <i>FEBS Letters</i> , 2005, 579, 2541-2545.	1.3	208
3	Direct antioxidant and protective effect of estradiol on isolated mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 205-211.	1.8	173
4	Estradiol or genistein prevent Alzheimer's disease-associated inflammation correlating with an increase PPAR $\gamma$ expression in cultured astrocytes. <i>Brain Research</i> , 2010, 1312, 138-144.	1.1	165
5	Genistein, a soy isoflavone, up-regulates expression of antioxidant genes: involvement of estrogen receptors, ERK1/2, and NF $\kappa$ B. <i>FASEB Journal</i> , 2006, 20, 2136-2138.	0.2	153
6	Relevance of Oxygen Concentration in Stem Cell Culture for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1195.	1.8	138
7	Females Live Longer than Males: Role of Oxidative Stress. <i>Current Pharmaceutical Design</i> , 2011, 17, 3959-3965.	0.9	127
8	Oxidative Stress Is Related to Frailty, Not to Age or Sex, in a Geriatric Population: Lipid and Protein Oxidation as Biomarkers of Frailty. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1324-1328.	1.3	123
9	1,4-Naphthoquinones as inducers of oxidative damage and stress signaling in HaCaT human keratinocytes. <i>Archives of Biochemistry and Biophysics</i> , 2010, 496, 93-100.	1.4	119
10	Role of mitochondrial oxidative stress to explain the different longevity between genders. Protective effect of estrogens. <i>Free Radical Research</i> , 2006, 40, 1359-1365.	1.5	118
11	Why Females Live Longer Than Males: Control of Longevity by Sex Hormones. <i>Science of Aging Knowledge Environment: SAGE KE</i> , 2005, 2005, pe17-pe17.	0.9	100
12	Mitochondrial oxidant generation is involved in determining why females live longer than males. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1008.	3.0	86
13	Centenarians, but not octogenarians, up-regulate the expression of microRNAs. <i>Scientific Reports</i> , 2012, 2, 961.	1.6	84
14	Oestradiol or genistein rescues neurons from amyloid beta-induced cell death by inhibiting activation of p38. <i>Aging Cell</i> , 2008, 7, 112-118.	3.0	75
15	Mitochondria as sources and targets of damage in cellular aging. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1287-95.	1.4	65
16	A Stress-Resistant Lipidomic Signature Confers Extreme Longevity to Humans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 30-37.	1.7	59
17	RasGrf1 deficiency delays aging in mice. <i>Aging</i> , 2011, 3, 262-276.	1.4	59
18	An inter-laboratory validation of methods of lipid peroxidation measurement in UVA-treated human plasma samples. <i>Free Radical Research</i> , 2010, 44, 1203-1215.	1.5	56

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19	Early, But Not Late Onset Estrogen Replacement Therapy Prevents Oxidative Stress and Metabolic Alterations Caused by Ovariectomy. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 236-246.	2.5	55
20	Physical exercise neuroprotects ovariectomized 3xTg-AD mice through BDNF mechanisms. <i>Psychoneuroendocrinology</i> , 2014, 45, 154-166.	1.3	53
21	Sex Differences in Age-Associated Type 2 Diabetes in Rats—Role of Estrogens and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	50
22	Modulation of longevity-associated genes by estrogens or phytoestrogens. <i>Biological Chemistry</i> , 2008, 389, 273-277.	1.2	48
23	Tumor Cytotoxicity by Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 13888-13897.	1.6	44
24	Circadian System Functionality, Hippocampal Oxidative Stress, and Spatial Memory in the APP <sup>swe</sup> /PS1 <sup>dE9</sup> Transgenic Model of Alzheimer Disease: Effects of Melatonin or Ramelteon. <i>Chronobiology International</i> , 2012, 29, 822-834.	0.9	44
25	Free [NADH]/[NAD <sup>+</sup> ] regulates sirtuin expression. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 24-29.	1.4	43
26	PTEN Mediates the Antioxidant Effect of Resveratrol at Nutritionally Relevant Concentrations. <i>BioMed Research International</i> , 2014, 2014, 1-6.	0.9	40
27	Human exceptional longevity: transcriptome from centenarians is distinct from septuagenarians and reveals a role of Bcl-xL in successful aging. <i>Aging</i> , 2016, 8, 3185-3208.	1.4	39
28	Role of p16INK4a and BMI-1 in oxidative stress-induced premature senescence in human dental pulp stem cells. <i>Redox Biology</i> , 2017, 12, 690-698.	3.9	39
29	Cholesterol and Amyloid- $\beta$ : Evidence for a Cross-Talk between Astrocytes and Neuronal Cells. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 645-653.	1.2	35
30	Anti-Inflammatory Properties of Diet: Role in Healthy Aging. <i>Biomedicines</i> , 2021, 9, 922.	1.4	34
31	Pharmacological Properties of Physical Exercise in The Elderly. <i>Current Pharmaceutical Design</i> , 2014, 20, 3019-3029.	0.9	33
32	Centenarians maintain miRNA biogenesis pathway while it is impaired in octogenarians. <i>Mechanisms of Ageing and Development</i> , 2017, 168, 54-57.	2.2	31
33	Activation of p38, p21, and NRF-2 Mediates Decreased Proliferation of Human Dental Pulp Stem Cells Cultured under 21% O <sub>2</sub> . <i>Stem Cell Reports</i> , 2014, 3, 566-573.	2.3	29
34	Pharmacological Properties of Polyphenols: Bioavailability, Mechanisms of Action, and Biological Effects in In Vitro Studies, Animal Models, and Humans. <i>Biomedicines</i> , 2021, 9, 1074.	1.4	29
35	BCL-xL, a Mitochondrial Protein Involved in Successful Aging: From <i>C. elegans</i> to Human Centenarians. <i>International Journal of Molecular Sciences</i> , 2020, 21, 418.	1.8	26
36	Role of oestrogens on oxidative stress and inflammation in ageing. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013, 16, 65-72.	0.3	23

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37	Protective Effects of Polyphenols Present in Mediterranean Diet on Endothelial Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	22
38	Relationship between Diet, Microbiota, and Healthy Aging. <i>Biomedicines</i> , 2020, 8, 287.	1.4	22
39	Resveratrol shifts energy metabolism to increase lipid oxidation in healthy old mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109130.	2.5	21
40	Role of angiotensin II in arterial pressure and renal hemodynamics in rats with altered renal development: age- and sex-dependent differences. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F33-F40.	1.3	17
41	Low in vivo brain glucose consumption and high oxidative stress in accelerated aging. <i>FEBS Letters</i> , 2009, 583, 2287-2293.	1.3	16
42	Age-dependent changes in the transcription profile of long-lived <i>Drosophila</i> over-expressing glutamate cysteine ligase. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 401-413.	2.2	16
43	Hydrogen Peroxide Diffusion through Enamel and Dentin. <i>Materials</i> , 2018, 11, 1694.	1.3	16
44	Estrogen Replacement Therapy Induces Antioxidant and Longevity-Related Genes in Women after Medically Induced Menopause. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	15
45	The Relationship between Diet and Frailty in Aging. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1373-1382.	0.6	15
46	Relation Between Genetic Factors and Frailty in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1451-1457.	1.2	13
47	Moderate Red Wine Consumption Increases the Expression of Longevity-Associated Genes in Controlled Human Populations and Extends Lifespan in <i>Drosophila melanogaster</i> . <i>Antioxidants</i> , 2021, 10, 301.	2.2	13
48	Influence of Partial O <sub>2</sub> , Pressure on the Adhesion, Proliferation, and Osteogenic Differentiation of Human Dental Pulp Stem Cells on $\beta$ -Tricalcium Phosphate Scaffold. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, 1251-1256.	0.6	12
49	Application of mesenchymal stem cells in bone regenerative procedures in oral implantology. A literature review. <i>Journal of Clinical and Experimental Dentistry</i> , 2014, 6, e60-5.	0.5	10
50	Role of NAD <sup>+</sup> /NADH redox ratio in cell metabolism. <i>Archives of Biochemistry and Biophysics</i> , 2016, 595, 176-180.	1.4	9
51	Oxidative Stress and Inflammation: From Mechanisms to Therapeutic Approaches. <i>Biomedicines</i> , 2022, 10, 753.	1.4	5
52	Bemiparin improves the total antioxidant status in plasma. <i>European Journal of Pharmacology</i> , 2009, 602, 380-382.	1.7	4
53	Transcriptomic profile of epileptic children treated with ketogenic therapies. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 031.	0.8	4
54	Influence of different types of pulp treatment during isolation in the obtention of human dental pulp stem cells. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2016, 21, e374-e379.	0.7	3

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55	Brain-Derived Neurotrophic Factor as a Marker of Cognitive Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw145.	1.7	3
56	Lifelong soya consumption in males does not increase lifespan but increases health span under a metabolic stress such as type 2 diabetes mellitus. Mechanisms of Ageing and Development, 2021, 200, 111596.	2.2	3
57	Potential role of physiotherapists in polymedication of the elderly. Geriatrics and Gerontology International, 2013, 13, 1086-1087.	0.7	1
58	PETra: software tool for a semiautomatic positron emission tomography image analysis and its application to the study of brain glucose consumption in rats. IEEE Latin America Transactions, 2015, 13, 876-884.	1.2	0
59	Resveratrol in Experimental Models and Humans. , 2018, , 1143-1156.		0
60	Estrogenic Modulation of Longevity by Induction of Antioxidant Enzymes. , 2010, , 119-128.		0