

# Cristina Mas Bargues

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,520  
citations

430442

18  
h-index

329751

37  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Resveratrol: <i>In Vitro</i> and <i>In Vivo</i> Studies about Metabolism, Bioavailability, and Biological Effects in Animal Models and Humans. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 1-13.	1.9	510
2	Relevance of Oxygen Concentration in Stem Cell Culture for Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1195.	1.8	138
3	Lipid peroxidation as measured by chromatographic determination of malondialdehyde. Human plasma reference values in health and disease. <i>Archives of Biochemistry and Biophysics</i> , 2021, 709, 108941.	1.4	117
4	Clearing Amyloid- $\beta$ through PPAR $\gamma$ /ApoE Activation by Genistein is a Treatment of Experimental Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 701-711.	1.2	74
5	Centenarians: An excellent example of resilience for successful ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 186, 111199.	2.2	54
6	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
7	Oxidative stress and exceptional human longevity: Systematic review. <i>Free Radical Biology and Medicine</i> , 2020, 149, 51-63.	1.3	49
8	Numerous <i>Fasciola</i> plasminogen-binding proteins may underlie blood-brain barrier leakage and explain neurological disorder complexity and heterogeneity in the acute and chronic phases of human fascioliasis. <i>Parasitology</i> , 2019, 146, 284-298.	0.7	41
9	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
10	Extracellular Vesicles from Healthy Cells Improves Cell Function and Stemness in Premature Senescent Stem Cells by miR-302b and HIF-1 $\alpha$ Activation. <i>Biomolecules</i> , 2020, 10, 957.	1.8	35
11	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
12	Extracellular vesicles and redox modulation in aging. <i>Free Radical Biology and Medicine</i> , 2020, 149, 44-50.	1.3	29
13	Targeting Alzheimer's disease with multimodal polypeptide-based nanoconjugates. <i>Science Advances</i> , 2021, 7, .	4.7	29
14	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
15	The multimodal action of genistein in Alzheimer's and other age-related diseases. <i>Free Radical Biology and Medicine</i> , 2022, 183, 127-137.	1.3	25
16	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
17	Relationship between Diet, Microbiota, and Healthy Aging. <i>Biomedicines</i> , 2020, 8, 287.	1.4	22
18	Resveratrol shifts energy metabolism to increase lipid oxidation in healthy old mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109130.	2.5	21

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19	Bcl-xL as a Modulator of Senescence and Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1527.	1.8	20
20	Garcinoic acid prevents A $\beta$ -amyloid (A $\beta$ ) deposition in the mouse brain. <i>Journal of Biological Chemistry</i> , 2020, 295, 11866-11876.	1.6	18
21	Domestic pig prioritized in one health action against fascioliasis in human endemic areas: Experimental assessment of transmission capacity and epidemiological evaluation of reservoir role. <i>One Health</i> , 2021, 13, 100249.	1.5	16
22	Importance of stem cell culture conditions for their derived extracellular vesicles therapeutic effect. <i>Free Radical Biology and Medicine</i> , 2021, 168, 16-24.	1.3	15
23	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
24	The Relationship between Diet and Frailty in Aging. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1373-1382.	0.6	15
25	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
26	Genistein, a tool for geroscience. <i>Mechanisms of Ageing and Development</i> , 2022, 204, 111665.	2.2	13
27	Influence of Partial O $_2$ Pressure on the Adhesion, Proliferation, and Osteogenic Differentiation of Human Dental Pulp Stem Cells on A $\beta$ -Tricalcium Phosphate Scaffold. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, 1251-1256.	0.6	12
28	Centenarians Overexpress Pluripotency-Related Genes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1391-1395.	1.7	11
29	Donkey Fascioliasis Within a One Health Control Action: Transmission Capacity, Field Epidemiology, and Reservoir Role in a Human Hyperendemic Area. <i>Frontiers in Veterinary Science</i> , 2020, 7, 591384.	0.9	11
30	Exploring New Kingdoms: The Role of Extracellular Vesicles in Oxi-Inflamm-Aging Related to Cardiorenal Syndrome. <i>Antioxidants</i> , 2022, 11, 78.	2.2	11
31	The Contribution of Extracellular Vesicles From Senescent Endothelial and Vascular Smooth Muscle Cells to Vascular Calcification. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 854726.	1.1	8
32	Brain-Derived Neurotrophic Factor as a Marker of Cognitive Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw145.	1.7	3
33	Lifelong soya consumption in males does not increase lifespan but increases health span under a metabolic stress such as type 2 diabetes mellitus. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111596.	2.2	3
34	Special Issue "Oxidative Stress in Aging and Associated Chronic Diseases". <i>Antioxidants</i> , 2022, 11, 701.	2.2	3
35	Functional Transcriptomic Analysis of Centenarians' Offspring Reveals a Specific Genetic Footprint That May Explain That They Are Less Frail Than Age-Matched Noncentenarians' Offspring. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1931-1938.	1.7	3
36	Oxygen concentration in oxidative stress and replicative senescence in dental pulp stem cells. <i>Free Radical Biology and Medicine</i> , 2015, 86, S33.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Recent Approaches to Determine Static and Dynamic Redox State-Related Parameters. Antioxidants, 2022, 11, 864.	2.2	1
38	Resveratrol in Experimental Models and Humans. , 2018, , 1143-1156.		0
39	Effect of longitudinal magnetic field to the linear particle-beam track on yields of hydroxyl radical and hydrogen peroxide in water. Free Radical Biology and Medicine, 2021, 165, 28-29.	1.3	0
40	Small extracellular vesicles from healthy cells improves cell function and stemness in premature senescent stem cells by miR-302b and HIF-1a activation. Free Radical Biology and Medicine, 2021, 165, 33.	1.3	0
41	Influência da Pressão Parcial de O2 na Adesão, Proliferação e Diferenciação Osteogênica de Células-tronco da Polpa Dentária Humana em Arcabouço de Í2-Fosfato Tricálcico. The International Journal of Oral and Maxillofacial Implants, 2018, 03, 363.	0.0	0
42	Relationship between Diet, Microbiota, and Healthy Aging. , 2021, , 565-584.		0
43	Sex Differences in Mitochondrial Antioxidant Gene Expression. , 2020, , 267-284.		0
44	Blood levels of RCAN1 and MDA as possible biomarkers in Alzheimer's Disease. Free Radical Biology and Medicine, 2021, 177, S109.	1.3	0
45	Effect of mesenchymal stem cells-derived extracellular vesicles from young mice on senescent myoblasts. Free Radical Biology and Medicine, 2021, 177, S64.	1.3	0