

# Silvestre Alavez

## List of Publications by Year in descending order

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33  
papers

1,228  
citations

687220

13  
h-index

477173

29  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid-binding compounds maintain protein homeostasis during ageing and extend lifespan. <i>Nature</i> , 2011, 472, 226-229.	13.7	337
2	Proteomic analysis of age-dependent changes in protein solubility identifies genes that modulate lifespan. <i>Aging Cell</i> , 2012, 11, 120-127.	3.0	155
3	Curcumin and neurodegenerative diseases. <i>BioFactors</i> , 2013, 39, 122-132.	2.6	131
4	Insulin-like Signaling Determines Survival during Stress via Posttranscriptional Mechanisms in <i>C. elegans</i> . <i>Cell Metabolism</i> , 2010, 12, 260-272.	7.2	113
5	Acarbose improves health and lifespan in aging HET3 mice. <i>Aging Cell</i> , 2019, 18, e12898.	3.0	90
6	Pharmacological lifespan extension of invertebrates. <i>Ageing Research Reviews</i> , 2013, 12, 445-458.	5.0	65
7	Curcumin and insulin resistance—Molecular targets and clinical evidences. <i>BioFactors</i> , 2016, 42, 561-580.	2.6	54
8	Beer and its non-alcoholic compounds in health and disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3492-3505.	5.4	45
9	Dimethyl sulfoxide and dimethyl formamide increase lifespan of <i>C. elegans</i> in liquid. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 69-78.	2.2	35
10	BCL-2 and BAX proteins expression throughout the light-dark cycle and modifications induced by sleep deprivation and rebound in adult rat brain. <i>Journal of Neuroscience Research</i> , 2009, 87, 1602-1609.	1.3	24
11	Mechanisms of cell death by deprivation of depolarizing conditions during cerebellar granule neurons maturation. <i>Neurochemistry International</i> , 2003, 43, 581-590.	1.9	22
12	Some naturally occurring compounds that increase longevity and stress resistance in model organisms of aging. <i>Biogerontology</i> , 2019, 20, 583-603.	2.0	22
13	Pharmacological maintenance of protein homeostasis could postpone age-related disease. <i>Aging Cell</i> , 2012, 11, 187-191.	3.0	20
14	Effect of nmda antagonists on the activity of glutaminase and aspartate aminotransferase in the developing rat cerebellum. <i>International Journal of Developmental Neuroscience</i> , 1999, 17, 57-65.	0.7	11
15	Effect of NMDA antagonists on the death of cerebellar granule neurons at different ages. <i>Neuroscience Letters</i> , 2006, 398, 241-245.	1.0	11
16	Effect of N-methyl-d-aspartate receptor blockade on caspase activation and neuronal death in the developing rat cerebellum. <i>Neuroscience Letters</i> , 2006, 404, 176-181.	1.0	11
17	Factors associated with healthy aging in septuagenarian and nonagenarian Mexican adults. <i>Maturitas</i> , 2020, 131, 21-27.	1.0	11
18	Regulation of glutamate-synthesizing enzymes by NMDA and potassium in cerebellar granule cells. <i>European Journal of Neuroscience</i> , 2004, 19, 2030-2038.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Myosin Va is proteolysed in rat cerebellar granule neurons after excitotoxic injury. <i>Neuroscience Letters</i> , 2004, 367, 404-409.	1.0	9
20	Stem Cell Models: A Guide to Understand and Mitigate Aging?. <i>Gerontology</i> , 2017, 63, 84-90.	1.4	9
21	A new look at old compounds. <i>Aging</i> , 2011, 3, 338-339.	1.4	9
22	Longitudinal Functional Study of Murine Aging: A Resource for Future Study Designs. <i>JBMR Plus</i> , 2021, 5, e10466.	1.3	8
23	Achiote ( <i>Bixa orellana</i> ) Lipophilic Extract, Bixin, and $\gamma$ -tocotrienol Effects on Lifespan and Stress Resistance in <i>Caenorhabditis elegans</i> . <i>Planta Medica</i> , 2021, 87, 368-374.	0.7	6
24	Sugar-Sweetened Beverages and Cancer Risk: A Narrative Review. <i>Nutrition and Cancer</i> , 2022, 74, 3077-3095.	0.9	5
25	Prolonged waking reduces human immunodeficiency virus glycoprotein 120- or tumor necrosis factor alpha-induced apoptosis in the cerebral cortex of rats. <i>Neuroscience Letters</i> , 2004, 360, 133-136.	1.0	4
26	Environmentally friendly achiote seed extracts with higher $\gamma$ -tocotrienol content have higher in vitro and in vivo antioxidant activity than the conventional extract. <i>Journal of Food Science and Technology</i> , 2021, 58, 2579-2588.	1.4	4
27	Estimation and SVM classification of glucose-insulin model parameters from OGTT data: a comparison with the ADA criteria. <i>International Journal of Diabetes in Developing Countries</i> , 2021, 41, 54-62.	0.3	3
28	Effect of sonication on the content of bixin, norbixin, total phenols and antioxidant activity of extracts of five achiote accessions. <i>Revista Mexicana De Ingeniera Quimica</i> , 2020, 19, 1083-1094.	0.2	2
29	Extraction of Lipophilic Antioxidants from Native Tomato Using Green Technologies. <i>Food Technology and Biotechnology</i> , 2022, 60, 121-131.	0.9	2
30	Protein Homeostasis and Ageing in <i>C. elegans</i> . <i>Healthy Ageing and Longevity</i> , 2017, , 265-283.	0.2	1
31	Identification and quantification of metabolites in exhaled breath in a sample population in MÃ©xico. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
32	Insulin Resistance and Cancer. , 2021, , 1-18.		0
33	Effect of Tomato Extract on the Stress Resistance and Lifespan of <i>Caenorhabditis elegans</i> . <i>Revista Brasileira De Farmacognosia</i> , 0, , .	0.6	0