Sergio Damian Paredes

List of Publications by Year
in descending order

73	3,699	172386 29	128225 60
papers	citations	h-index	g-index

74	74	74	4499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reducing oxidative/nitrosative stress: a newly-discovered genre for melatonin. Critical Reviews in Biochemistry and Molecular Biology, 2009, 44, 175-200.	2.3	410
2	Melatonin and Reproduction Revisited. Biology of Reproduction, 2009, 81, 445-456.	1.2	320
3	Phytomelatonin: a review. Journal of Experimental Botany, 2009, 60, 57-69.	2.4	289
4	Significance and application of melatonin in the regulation of brown adipose tissue metabolism: relation to human obesity. Obesity Reviews, 2011, 12, 167-188.	3.1	257
5	The changing biological roles of melatonin during evolution: from an antioxidant to signals of darkness, sexual selection and fitness. Biological Reviews, 2010, 85, 607-623.	4.7	252
6	Tryptophan-enriched cereal intake improves nocturnal sleep, melatonin, serotonin, and total antioxidant capacity levels and mood in elderly humans. Age, 2013, 35, 1277-1285.	3.0	129
7	Melatonin induces mitochondrialâ€mediated apoptosis in human myeloid HLâ€60 cells. Journal of Pineal Research, 2009, 46, 392-400.	3.4	128
8	Beneficial effects of melatonin in cardiovascular disease. Annals of Medicine, 2010, 42, 276-285.	1.5	113
9	Jerte Valley Cherry-Enriched Diets Improve Nocturnal Rest and Increase 6-Sulfatoxymelatonin and Total Antioxidant Capacity in the Urine of Middle-Aged and Elderly Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 909-914.	1.7	102
10	Melatonin combats molecular terrorism at the mitochondrial level. Interdisciplinary Toxicology, 2008, 1, 137-149.	1.0	96
11	Protective effect of melatonin against human leukocyte apoptosis induced by intracellular calcium overload: relation with its antioxidant actions. Journal of Pineal Research, 2011, 51, 195-206.	3.4	81
12	Light-Mediated Perturbations of Circadian Timing and Cancer Risk: A Mechanistic Analysis. Integrative Cancer Therapies, 2009, 8, 354-360.	0.8	62
13	Circadian Levels of Serotonin in Plasma and Brain after Oral Administration of Tryptophan in Rats. Basic and Clinical Pharmacology and Toxicology, 2009, 104, 52-59.	1.2	61
14	Melatonin reduces body weight gain and increases nocturnal activity in male Wistar rats. Physiology and Behavior, 2013, 118, 8-13.	1.0	56
15	Melatonin enhances hydrogen peroxide-induced apoptosis in human promyelocytic leukaemia HL-60 cells. Molecular and Cellular Biochemistry, 2011, 353, 167-176.	1.4	55
16	Assessment of the Potential Role of Tryptophan as the Precursor of Serotonin and Melatonin for the Aged Sleep-wake Cycle and Immune Function:Streptopelia Risoriaas a Model. International Journal of Tryptophan Research, 2009, 2, IJTR.S1129.	1.0	53
17	Biogenic amines in the reduction of oxidative stress: melatonin and its metabolites. Neuroendocrinology Letters, 2008, 29, 391-8.	0.2	53
18	Caspase 3 activation in human spermatozoa in response to hydrogen peroxide and progesterone. Fertility and Sterility, 2008, 90, 1340-1347.	0.5	52

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19	Urinary 6-sulfatoxymelatonin and total antioxidant capacity increase after the intake of a grape juice cv. Tempranillo stabilized with HHP. Food and Function, 2012, 3, 34-39.	2.1	50
20	Melatonin and Tryptophan Affect the Activity-Rest Rhythm, Core and Peripheral Temperatures, and Interleukin Levels in the Ringdove: Changes With Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 340-350.	1.7	44
21	Protective effect of resveratrol against inflammation, oxidative stress and apoptosis in pancreas of aged SAMP8 mice. Experimental Gerontology, 2017, 90, 61-70.	1.2	44
22	A jerte valley cherry product provides beneficial effects on sleep quality. Influence on aging. Journal of Nutrition, Health and Aging, 2013, 17, 553-560.	1.5	42
23	Melatonin in relation to the "strong" and "weak" versions of the free radical theory of aging. Advances in Medical Sciences, 2008, 53, 119-29.	0.9	39
24	Melatonin is able to delay endoplasmic reticulum stress-induced apoptosis in leukocytes from elderly humans. Age, 2011, 33, 497-507.	3.0	38
25	Protective effect of xanthohumol against age-related brain damage. Journal of Nutritional Biochemistry, 2017, 49, 133-140.	1.9	36
26	Melatonin Counteracts at a Transcriptional Level the Inflammatory and Apoptotic Response Secondary to Ischemic Brain Injury Induced by Middle Cerebral Artery Blockade in Aging Rats. BioResearch Open Access, 2015, 4, 407-416.	2.6	35
27	A nutraceutical product based on Jerte Valley cherries improves sleep and augments the antioxidant status in humans. European E-journal of Clinical Nutrition and Metabolism, 2009, 4, e321-e323.	0.4	32
28	Lidocaine Administration Controls MicroRNAs Alterations Observed After Lung Ischemiaâ€“Reperfusion Injury. Anesthesia and Analgesia, 2016, 123, 1437-1447.	1.1	31
29	The effect of tryptophan administration on the circadian rhythms of melatonin in plasma and the pineal gland of rats. Journal of Applied Biomedicine, 2008, 6, 177-186.	0.6	31
30	Comparative study of the heterophil phagocytic function in young and old ring doves (Streptopelia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Systemic, and Environmental Physiology, 2004, 174, 421-7.	0.7	30
31	Circadian variations of serotonin in plasma and different brain regions of rats. Molecular and Cellular Biochemistry, 2008, 317, 105-111.	1.4	29
32	Melatonin decreases the expression of inflammation and apoptosis markers in the lung of a senescence-accelerated mice model. Experimental Gerontology, 2016, 75, 1-7.	1.2	29
33	Effect of exogenous melatonin on viability, ingestion capacity, and free-radical scavenging in heterophils from young and old ringdoves (Streptopelia risoria). Molecular and Cellular Biochemistry, 2007, 304, 305-314.	1.4	27
34	Comparative Study of the Activity/Rest Rhythms in Young and Old Ringdove (Streptopelia Risoria): Correlation with Serum Levels of Melatonin and Serotonin. Chronobiology International, 2006, 23, 779-793.	0.9	26
35	Melatonin Counteracts Alterations in Oxidative Metabolism and Cell Viability Induced by Intracellular Calcium Overload in Human Leucocytes: Changes with Age. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 590-597.	1.2	26
36	Tryptophan increases nocturnal rest and affects melatonin and serotonin serum levels in old ringdove. Physiology and Behavior, 2007, 90, 576-582.	1.0	25

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37	Hydrogen peroxide increases the phagocytic function of human neutrophils by calcium mobilisation. Molecular and Cellular Biochemistry, 2007, 296, 77-84.	1.4	24
38	Antiâ€inflammatory effects of melatonin in a rat model of caeruleinâ€induced acute pancreatitis. Cell Biochemistry and Function, 2013, 31, 585-590.	1.4	24
39	The consumption of a Jerte Valley cherry product in humans enhances mood, and increases 5-hydroxyindoleacetic acid but reduces cortisol levels in urine. Experimental Gerontology, 2012, 47, 573-580.	1.2	23
40	Melatonin and tryptophan counteract lipid peroxidation and modulate superoxide dismutase activity in ringdove heterophils in vivo. Effect of antigen-induced activation and age. Age, 2009, 31, 179-188.	3.0	22
41	Protective actions of melatonin and growth hormone on the aged cardiovascular system. Hormone Molecular Biology and Clinical Investigation, 2014, 18, 79-88.	0.3	22
42	Tryptophan Modulates Cell Viability, Phagocytosis and Oxidative Metabolism in Old Ringdoves. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 56-62.	1.2	21
43	Effect of tryptophan administration on circulating levels of melatonin and phagocytic activity. Journal of Applied Biomedicine, 2004, 2, 169-177.	0.6	21
44	Orally Administered Melatonin Improves Nocturnal Rest in Young and Old Ringdoves (Streptopelia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	20
45	Changes in behaviour and in the circadian rhythms of melatonin and corticosterone in rats subjected to a forced-swimming test. Journal of Applied Biomedicine, 2005, 3, 47-56.	0.6	19
46	Effect of melatonin and tryptophan on humoral immunity in young and old ringdoves (Streptopelia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	18
47	Jerte Valley cherry-based product modulates serum inflammatory markers in rats and ringdoves. Journal of Applied Biomedicine, 2012, 10, 41-50.	0.6	18
48	Comparison of the Effect of Melatonin Treatment before and after Brain Ischemic Injury in the Inflammatory and Apoptotic Response in Aged Rats. International Journal of Molecular Sciences, 2018, 19, 2097.	1.8	17
49	Xanthohumol exerts protective effects in liver alterations associated with aging. European Journal of Nutrition, 2019, 58, 653-663.	1.8	17
50	Melatonin, as an adjuvantâ€like agent, enhances platelet responsiveness. Journal of Pineal Research, 2009, 46, 275-285.	3.4	16
51	Sevoflurane Prevents Liver Inflammatory Response Induced by Lung Ischemia-Reperfusion. Transplantation, 2014, 98, 1151-1157.	0.5	16
52	Chemokine Involvement in Lung Injury Secondary to Ischaemia/Reperfusion. Lung, 2017, 195, 333-340.	1.4	16
53	Oral Administration of Melatonin to Old Ring Doves (Streptopelia risoria) Increases Plasma Levels of Melatonin and Heterophil Phagocytic Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 44-50.	1.7	14
54	Melatonin, lipid peroxidation, and age in heterophils from the ring dove (Streptopelia risoria). Free Radical Research, 2005, 39, 613-619.	1.5	13

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55	Systemic Inflammatory Load in Young and Old Ringdoves Is Modulated by Consumption of a Jerte Valley Cherry-Based Product. Journal of Medicinal Food, 2012, 15, 707-712.	0.8	13
56	A cherry nutraceutical modulates melatonin, serotonin, corticosterone, and total antioxidant capacity levels: effect on ageing and chronotype. Journal of Applied Biomedicine, 2012, 10, 109-117.	0.6	13
57	Altered circadian rhythms of corticosterone, melatonin, and phagocytic activity in response to stress in rats. Neuroendocrinology Letters, 2007, 28, 489-95.	0.2	13
58	Tryptophan administration in rats enhances phagocytic function and reduces oxidative metabolism. Neuroendocrinology Letters, 2008, 29, 1026-32.	0.2	13
59	Orally administered tryptophan and experimental type 2 diabetes. Molecular and Cellular Biochemistry, 2004, 261, 57-61.	1.4	12
60	Melatonin and the pathophysiology of cellular membranes. Marmara Pharmaceutical Journal, 2010, 1, 1-9.	0.5	10
61	A Jerte Valley Cherry-Based Product as a Supply of Tryptophan. International Journal of Tryptophan Research, 2012, 5, IJTR.S9394.	1.0	9
62	Melatonin and tryptophan as therapeutic agents against the impairment of the sleep-wake cycle and immunosenescence due to aging in Streptopelia risoria. Neuroendocrinology Letters, 2007, 28, 757-60.	0.2	9
63	The pineal gland: Functional connection between melatonin and immune system in birds. Biogenic Amines, 2004, 18, 147-176.	0.3	8
64	Diets enriched with a Jerte Valley cherryâ€based nutraceutical product reinforce nocturnal behaviour in young and old animals of nocturnal (Rattus norvegicus) and diurnal (Streptopelia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 37	0.0	8
65	Effect of treatment with xanthohumol on cardiological alterations secondary to ageing. Journal of Functional Foods, 2018, 49, 44-51.	1.6	5
66	Effect of intraoperative paravertebral or intravenous lidocaine versus control during lung resection surgery on postoperative complications: A randomized controlled trial. Trials, 2019, 20, 622.	0.7	4
67	Influence of postoperative complications on long-term outcome after oncologic lung resection surgery. Substudy of a randomized control trial. Journal of Clinical Monitoring and Computing, 2021, 35, 1183-1192.	0.7	4
68	Protective effects of 17-Î²-oestradiol and phytoestrogen on age-induced oxidative stress and inhibition of surfactant synthesis in rat type II pneumocytes. International Journal of Food Sciences and Nutrition, 2021, 72, 26-36.	1.3	2
69	Oxidative Stress in Phagocytic Cells: Changes with Age and Effect of Melatonin. , 2007, , 737-761.		1
70	Effects of GH on the Aging Process in Several Organs: Mechanisms of Action. International Journal of Molecular Sciences, 2022, 23, 7848.	1.8	1
71	Effects of Intraoperative Infusion of Esmolol on Systemic and Pulmonary Inflammation in a Porcine Experimental Model of Lung Resection Surgery. Anesthesia and Analgesia, 2019, 128, 168-175.	1.1	0
72	Occurrence of Serotonin, Melatonin, and Their Derivatives in Plants. , 2016, , 15-30.		0

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73	Resveratrol and Aging. , 2018, , 257-273.		0