Javier Espino

List of Publications by Year in descending order

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53 papers	2,713 citations	159585 30 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	3595 citing authors

#	Article	IF	Citations
1	Influence of ligand lipophilicity in Pt(II) complexes on their antiproliferative and apoptotic activities in tumour cell lines. Journal of Inorganic Biochemistry, 2022, 227, 111688.	3.5	8
2	Synthesis, Characterization and Antiproliferative Evaluation of Pt(II) and Pd(II) Complexes with a Thiazine-Pyridine Derivative Ligand. Pharmaceuticals, 2021, 14, 395.	3.8	6
3	Pt(II) and Pd(II) complexes with a thiazoline derivative ligand: Synthesis, structural characterization, antiproliferative activity and evaluation of pro-apoptotic ability in tumor cell lines HT-29 and U-937. Journal of Inorganic Biochemistry, 2020, 202, 110870.	3.5	12
4	Synthesis and structure of a new thiazoline-based palladium(II) complex that promotes cytotoxicity and apoptosis of human promyelocytic leukemia HL-60 cells. Scientific Reports, 2020, 10, 16745.	3.3	18
5	Plant Phenolics: Bioavailability as a Key Determinant of Their Potential Health-Promoting Applications. Antioxidants, 2020, 9, 1263.	5.1	153
6	MICU3 is a tissue-specific enhancer of mitochondrial calcium uptake. Cell Death and Differentiation, 2019, 26, 179-195.	11.2	145
7	Impact of Melatonin Supplementation in Women with Unexplained Infertility Undergoing Fertility Treatment. Antioxidants, 2019, 8, 338.	5.1	48
8	Melatonin and Oxidative Stress in the Diabetic State: Clinical Implications and Potential Therapeutic Applications. Current Medicinal Chemistry, 2019, 26, 4178-4190.	2.4	23
9	The MCU complex in cell death. Cell Calcium, 2018, 69, 73-80.	2.4	62
10	Melatonin increases the effect of 5-fluorouracil-based chemotherapy in human colorectal adenocarcinoma cells in vitro. Molecular and Cellular Biochemistry, 2018, 440, 43-51.	3.1	41
11	Chemical composition and bioactivity of essential oils from flower and fruit of Thymbra capitata and Thymus species. Journal of Food Science and Technology, 2017, 54, 1857-1865.	2.8	30
12	Participation of MT3 melatonin receptors in the synergistic effect of melatonin on cytotoxic and apoptotic actions evoked by chemotherapeutics. Cancer Chemotherapy and Pharmacology, 2017, 80, 985-998.	2.3	44
13	Melatonin diminishes oxidative damage in sperm cells,improving assisted reproductive techniques. Turkish Journal of Biology, 2017, 41, 881-889.	0.8	9
14	Bioavailability of Bioactive Molecules from Olive Leaf Extracts and its Functional Value. Phytotherapy Research, 2016, 30, 1172-1179.	5.8	38
15	Melatonin sensitizes human cervical cancer <scp>H</scp>e<scp>L</scp>a cells to cisplatinâ€induced cytotoxicity and apoptosis: effects on oxidative stress and <scp>DNA</scp> fragmentation. Journal of Pineal Research, 2016, 60, 55-64.	7.4	134
16	Autophagy-related proteins are functionally active in human spermatozoa and may be involved in the regulation of cell survival and motility. Scientific Reports, 2016, 6, 33647.	3.3	83
17	Extracellular heat shock proteins protect U937 cells from H2O2-induced apoptotic cell death. Molecular and Cellular Biochemistry, 2016, 412, 19-26.	3.1	14
18	The Importance of Melatonin and Mitochondria Interaction in Mood Disorders and Schizophrenia: A Current Assessment. Current Medicinal Chemistry, 2016, 23, 2146-2158.	2.4	15

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19	The efficiency of Poly(<scp>ADP</scp>â€Ribose) Polymerase (<scp>PARP</scp>) cleavage on detection of apoptosis in an experimental model of testicular torsion. International Journal of Experimental Pathology, 2015, 96, 294-300.	1.3	19
20	Exogenous melatonin supplementation prevents oxidative stressâ€evoked <scp>DNA</scp> damage in human spermatozoa. Journal of Pineal Research, 2014, 57, 333-339.	7.4	75
21	FMLP-, thapsigargin-, and H2O2-evoked changes in intracellular free calcium concentration in lymphocytes and neutrophils of type 2 diabetic patients. Molecular and Cellular Biochemistry, 2014, 387, 251-260.	3.1	9
22	Dysregulation of intracellular Ca 2+ in lymphocytes and neutrophils in type 2 diabetic patients (1072.11). FASEB Journal, 2014, 28, 1072.11.	0.5	0
23	Melatoninâ€™s Beneficial Effects in Metabolic Syndrome with Therapeutic Applications. , 2014, , 29-48.		0
24	Tempranillo-derived grape seed extract induces apoptotic cell death and cell growth arrest in human promyelocytic leukemia HL-60 cells. Food and Function, 2013, 4, 1759.	4.6	12
25	The inhibition of <scp>TNF</scp>â€Î±â€induced leucocyte apoptosis by melatonin involves membrane receptor <scp>MT</scp>1/<scp>MT</scp>2 interaction. Journal of Pineal Research, 2013, 54, 442-452.	7.4	48
26	Metabolic Syndrome, its Pathophysiology and the Role of Melatonin. Recent Patents on Endocrine, Metabolic & Immune Drug Discovery, 2013, 7, 11-25.	0.6	54
27	A Jerte Valley Cherry-Based Product as a Supply of Tryptophan. International Journal of Tryptophan Research, 2012, 5, IJTR.S9394.	2.3	9
28	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.	1.5	13
29	Jerte Valley cherry-based product modulates serum inflammatory markers in rats and ringdoves. Journal of Applied Biomedicine, 2012, 10, 41-50.	1.7	18
30	Oxidative Stress and Immunosenescence: Therapeutic Effects of Melatonin. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-9.	4.0	73
31	Melatonin potentiates chemotherapyâ€induced cytotoxicity and apoptosis in rat pancreatic tumor cells. Journal of Pineal Research, 2012, 53, 91-98.	7.4	147
32	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.	2.8	23
33	High endogenous melatonin concentrations enhance sperm quality and shortâ€term in vitro exposure to melatonin improves aspects of sperm motility. Journal of Pineal Research, 2011, 50, 132-139.	7.4	108
34	Melatonin protects human spermatozoa from apoptosisÂvia melatonin receptorâ€“ and extracellular signalâ€“regulated kinase-mediated pathways. Fertility and Sterility, 2011, 95, 2290-2296.	1.0	104
35	Pro-Oxidant Effect of Melatonin in Tumour Leucocytes: Relation with its Cytotoxic and Pro-Apoptotic Effects. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 14-20.	2.5	75
36	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.	7.4	81

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37	Zinc(II) complexes with novel 1,3-thiazine/pyrazole derivative ligands: Synthesis, structural characterization and effect of coordination on the phagocytic activity of human neutrophils. Polyhedron, 2011, 30, 2627-2636.	2.2	17
38	Melatonin enhances hydrogen peroxide-induced apoptosis in human promyelocytic leukaemia HL-60 cells. Molecular and Cellular Biochemistry, 2011, 353, 167-176.	3.1	55
39	Melatonin is able to delay endoplasmic reticulum stress-induced apoptosis in leukocytes from elderly humans. Age, 2011, 33, 497-507.	3.0	38
40	Role of melatonin on diabetes-related metabolic disorders. World Journal of Diabetes, 2011, 2, 82.	3.5	85
41	Melatonin Reduces Apoptosis Induced by Calcium Signaling in Human Leukocytes: Evidence for the Involvement of Mitochondria and Bax Activation. Journal of Membrane Biology, 2010, 233, 105-118.	2.1	98
42	Caspase-3 and -9 are activated in human myeloid HL-60 cells by calcium signal. Molecular and Cellular Biochemistry, 2010, 333, 151-157.	3.1	41
43	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.	2.5	26
44	The correlation between urinary 5-hydroxyindoleacetic acid and sperm quality in infertile men and rotating shift workers. Reproductive Biology and Endocrinology, 2010, 8, 138.	3.3	18
45	Melatonin as a potential tool against oxidative damage and apoptosis in ejaculated human spermatozoa. Fertility and Sterility, 2010, 94, 1915-1917.	1.0	86
46	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.	3.6	44
47	Selenium Modulates Oxidative Stress-Induced Cell Apoptosis in Human Myeloid HL-60 Cells Through Regulation of Calcium Release and Caspase-3 and -9 Activities. Journal of Membrane Biology, 2009, 232, 15-23.	2.1	132
48	Melatonin induces mitochondrialâ€mediated apoptosis in human myeloid HLâ€60 cells. Journal of Pineal Research, 2009, 46, 392-400.	7.4	128
49	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
50	Reduced levels of intracellular calcium releasing in spermatozoa from asthenozoospermic patients. Reproductive Biology and Endocrinology, 2009, 7, 11.	3.3	56
51	Relationship between Caspase Activity and Apoptotic Markers in Human Sperm in Response to Hydrogen Peroxide and Progesterone. Journal of Reproduction and Development, 2009, 55, 615-621.	1.4	83
52	Role of Calcium Signals on Hydrogen Peroxide-Induced Apoptosis in Human Myeloid HL-60 Cells. International Journal of Biomedical Science, 2009, 5, 246-56.	0.1	13
53	Apoptosis, ROS and Calcium Signaling in Human Spermatozoa: Relationship to Infertility. , 0, , .		10