

Josã Antonio Pariente

List of Publications by Year in descending order

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104
papers

4,386
citations

76326

40
h-index

118850

62
g-index

104
all docs

104
docs citations

104
times ranked

4458
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of ligand lipophilicity in Pt(II) complexes on their antiproliferative and apoptotic activities in tumour cell lines. <i>Journal of Inorganic Biochemistry</i> , 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. <i>Pharmaceuticals</i> , 2021, 14, 395.	3.8	6
3	Effects of virgin olive oil on fatty acid composition of pancreatic cell membranes: modulation of acinar cell function and signaling, and cell injury. , 2021, , 569-580.		0
4	Synthesis and structure of a new thiazoline-based palladium(II) complex that promotes cytotoxicity and apoptosis of human promyelocytic leukemia HL-60 cells. <i>Scientific Reports</i> , 2020, 10, 16745.	3.3	18
5	Melatonin and Oxidative Stress in the Diabetic State: Clinical Implications and Potential Therapeutic Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 4178-4190.	2.4	23
6	Melatonin increases the effect of 5-fluorouracil-based chemotherapy in human colorectal adenocarcinoma cells in vitro. <i>Molecular and Cellular Biochemistry</i> , 2018, 440, 43-51.	3.1	41
7	Editorial: Involvements of TRP Channels and Oxidative Stress in Pain. <i>Frontiers in Physiology</i> , 2018, 9, 1084.	2.8	6
8	Neuropathic Pain: Delving into the Oxidative Origin and the Possible Implication of Transient Receptor Potential Channels. <i>Frontiers in Physiology</i> , 2018, 9, 95.	2.8	128
9	Apoptosis Is a Demanding Selective Tool During the Development of Fetal Male Germ Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 65.	3.7	21
10	Participation of MT3 melatonin receptors in the synergistic effect of melatonin on cytotoxic and apoptotic actions evoked by chemotherapeutics. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 985-998.	2.3	44
11	Melatonin diminishes oxidative damage in sperm cells,improving assisted reproductive techniques. <i>Turkish Journal of Biology</i> , 2017, 41, 881-889.	0.8	9
12	Bioavailability of Bioactive Molecules from Olive Leaf Extracts and its Functional Value. <i>Phytotherapy Research</i> , 2016, 30, 1172-1179.	5.8	38
13	Melatonin sensitizes human cervical cancer <sc>H</sc><sc>L</sc>a cells to cisplatinâ€induced cytotoxicity and apoptosis: effects on oxidative stress and <sc>DNA</sc> fragmentation. <i>Journal of Pineal Research</i> , 2016, 60, 55-64.	7.4	134
14	Extracellular heat shock proteins protect U937 cells from H2O2-induced apoptotic cell death. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 19-26.	3.1	14
15	Melatonin as a stabilizer of mitochondrial function: role in diseases and aging. <i>Turkish Journal of Biology</i> , 2015, 39, 822-831.	0.8	34
16	Exogenous melatonin supplementation prevents oxidative stressâ€evoked <sc>DNA</sc> damage in human spermatozoa. <i>Journal of Pineal Research</i> , 2014, 57, 333-339.	7.4	75
17	Nanoceria protects from alterations in oxidative metabolism and calcium overloads induced by TNFÎ± and cycloheximide in U937 cells: pharmacological potential of nanoparticles. <i>Molecular and Cellular Biochemistry</i> , 2014, 397, 245-253.	3.1	18
18	Effects of melatonin on the oxidative damage and pancreatic antioxidant defenses in cerulein-induced acute pancreatitis in rats. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2014, 13, 442-446.	1.3	21

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19	Chemopreventive effects of resveratrol in a rat model of cerulein-induced acute pancreatitis. <i>Molecular and Cellular Biochemistry</i> , 2014, 387, 217-225.	3.1	22
20	FMLP-, thapsigargin-, and H ₂ O ₂ -evoked changes in intracellular free calcium concentration in lymphocytes and neutrophils of type 2 diabetic patients. <i>Molecular and Cellular Biochemistry</i> , 2014, 387, 251-260.	3.1	9
21	Tempranillo-derived grape seed extract induces apoptotic cell death and cell growth arrest in human promyelocytic leukemia HL-60 cells. <i>Food and Function</i> , 2013, 4, 1759.	4.6	12
22	The inhibition of TNF α -induced leucocyte apoptosis by melatonin involves membrane receptor MT ₁ /MT ₂ interaction. <i>Journal of Pineal Research</i> , 2013, 54, 442-452.	7.4	48
23	Metabolic Syndrome, its Pathophysiology and the Role of Melatonin. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2013, 7, 11-25.	0.6	54
24	Anti-inflammatory effects of melatonin in a rat model of caerulein-induced acute pancreatitis. <i>Cell Biochemistry and Function</i> , 2013, 31, 585-590.	2.9	24
25	A cherry nutraceutical modulates melatonin, serotonin, corticosterone, and total antioxidant capacity levels: effect on ageing and chronotype. <i>Journal of Applied Biomedicine</i> , 2012, 10, 109-117.	1.7	13
26	Oxidative Stress and Immunosenescence: Therapeutic Effects of Melatonin. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-9.	4.0	73
27	Melatonin potentiates chemotherapy-induced cytotoxicity and apoptosis in rat pancreatic tumor cells. <i>Journal of Pineal Research</i> , 2012, 53, 91-98.	7.4	147
28	Oral melatonin administration and programmed cell death of neutrophils, lymphocytes, and other cell types from rats injected with HL-60 cells. <i>Journal of Applied Biomedicine</i> , 2011, 9, 197-207.	1.7	4
29	Melatonin protects human spermatozoa from apoptosis via melatonin receptor and extracellular signal-regulated kinase-mediated pathways. <i>Fertility and Sterility</i> , 2011, 95, 2290-2296.	1.0	104
30	Pro-Oxidant Effect of Melatonin in Tumour Leucocytes: Relation with its Cytotoxic and Pro-Apoptotic Effects. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 14-20.	2.5	75
31	Protective effect of melatonin against human leukocyte apoptosis induced by intracellular calcium overload: relation with its antioxidant actions. <i>Journal of Pineal Research</i> , 2011, 51, 195-206.	7.4	81
32	Melatonin enhances hydrogen peroxide-induced apoptosis in human promyelocytic leukaemia HL-60 cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 353, 167-176.	3.1	55
33	Melatonin is able to delay endoplasmic reticulum stress-induced apoptosis in leukocytes from elderly humans. <i>Age</i> , 2011, 33, 497-507.	3.0	38
34	Melatonin Reduces Apoptosis Induced by Calcium Signaling in Human Leukocytes: Evidence for the Involvement of Mitochondria and Bax Activation. <i>Journal of Membrane Biology</i> , 2010, 233, 105-118.	2.1	98
35	Melatonin Counteracts Alterations in Oxidative Metabolism and Cell Viability Induced by Intracellular Calcium Overload in Human Leucocytes: Changes with Age. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 590-597.	2.5	26
36	SERCA2b Activity Is Regulated by Cyclophilins in Human Platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 419-425.	2.4	24

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37	Effects of Olive Oil on Fatty Acid Composition of Pancreatic Cell Membranes. , 2010, , 1185-1194.		0
38	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
39	Melatonin as a potential tool against oxidative damage and apoptosis in ejaculated human spermatozoa. Fertility and Sterility, 2010, 94, 1915-1917.	1.0	86
40	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
41	Melatonin induces mitochondrial-mediated apoptosis in human myeloid HL-60 cells. Journal of Pineal Research, 2009, 46, 392-400.	7.4	128
42	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
43	Reduced levels of intracellular calcium releasing in spermatozoa from asthenozoospermic patients. Reproductive Biology and Endocrinology, 2009, 7, 11.	3.3	56
44	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
45	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
46	Effect of hydrogen peroxide on secretory response, calcium mobilisation and caspase-3 activity in the isolated rat parotid gland. Molecular and Cellular Biochemistry, 2008, 319, 23-31.	3.1	9
47	Ethanol impairs calcium homeostasis following CCK-8 stimulation in mouse pancreatic acinar cells. Alcohol, 2008, 42, 565-573.	1.7	23
48	Ebselen increases cytosolic free Ca ²⁺ concentration, stimulates glutamate release and increases GFAP content in rat hippocampal astrocytes. Toxicology, 2008, 244, 280-291.	4.2	21
49	STIM1 regulates acidic Ca ²⁺ store refilling by interaction with SERCA3 in human platelets. Biochemical Pharmacology, 2008, 75, 2157-2164.	4.4	60
50	SERCA2b and 3 play a regulatory role in store-operated calcium entry in human platelets. Cellular Signalling, 2008, 20, 337-346.	3.6	24
51	Intracellular Calcium Release from Human Platelets: Different Messengers for Multiple Stores. Trends in Cardiovascular Medicine, 2008, 18, 57-61.	4.9	50
52	Ethanol induces glutamate secretion by Ca ²⁺ mobilization and ROS generation in rat hippocampal astrocytes. Neurochemistry International, 2008, 52, 1061-1067.	3.8	35
53	Caspase 3 activation in human spermatozoa in response to hydrogen peroxide and progesterone. Fertility and Sterility, 2008, 90, 1340-1347.	1.0	52
54	Role of intracellular calcium on hydrogen peroxide-induced apoptosis in rat pancreatic acinar AR42J cells. Journal of Applied Biomedicine, 2008, 6, 211-224.	1.7	6

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55	Differential involvement of thrombin receptors in Ca ²⁺ release from two different intracellular stores in human platelets. <i>Biochemical Journal</i> , 2007, 401, 167-174.	3.7	41
56	Tryptophan Modulates Cell Viability, Phagocytosis and Oxidative Metabolism in Old Ringdoves. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 56-62.	2.5	21
57	Ethanol stimulates ROS generation by mitochondria through Ca ²⁺ mobilization and increases GFAP content in rat hippocampal astrocytes. <i>Brain Research</i> , 2007, 1178, 28-37.	2.2	93
58	Effect of exogenous melatonin on viability, ingestion capacity, and free-radical scavenging in heterophils from young and old ringdoves (<i>Streptopelia risoria</i>). <i>Molecular and Cellular Biochemistry</i> , 2007, 304, 305-314.	3.1	27
59	Magnesium calcium signalling in rat parotid acinar cells: effects of acetylcholine. <i>Molecular and Cellular Biochemistry</i> , 2007, 307, 193-207.	3.1	2
60	Dose-dependent effect of hydrogen peroxide on calcium mobilization in mouse pancreatic acinar cells. <i>Biochemistry and Cell Biology</i> , 2006, 84, 39-48.	2.0	31
61	Endogenously generated reactive oxygen species reduce PMCA activity in platelets from patients with non-insulin-dependent diabetes mellitus. <i>Platelets</i> , 2006, 17, 283-288.	2.3	41
62	Intracellular Ca ²⁺ homeostasis and aggregation in platelets are impaired by ethanol through the generation of H ₂ O ₂ and oxidation of sulphhydryl groups. <i>Archives of Biochemistry and Biophysics</i> , 2006, 452, 9-16.	3.0	12
63	Alterations in intracellular calcium homeostasis and platelet aggregation induced by ethanol. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 917-924.	2.1	10
64	A role for 5,6-epoxyeicosatrienoic acid in calcium entry by de novo conformational coupling in human platelets. <i>Journal of Physiology</i> , 2006, 570, 309-323.	2.9	35
65	Ethanol impairs CCK-8-evoked amylase secretion through Ca ²⁺ -mediated ROS generation in mouse pancreatic acinar cells. <i>Alcohol</i> , 2006, 38, 51-57.	1.7	23
66	Effect of Insulin on Acetylcholine-Evoked Amylase Release and Calcium Mobilization in Streptozotocin-Induced Diabetic Rat Pancreatic Acinar Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1084, 58-70.	3.8	5
67	Mechanism of Exocrine Pancreatic Insufficiency in Streptozotocin-Induced Type 1 Diabetes Mellitus. <i>Annals of the New York Academy of Sciences</i> , 2006, 1084, 71-88.	3.8	40
68	H ₂ O ₂ Mobilizes Ca ²⁺ from Agonist- and Thapsigargin-sensitive and Insensitive Intracellular Stores and Stimulates Glutamate Secretion in Rat Hippocampal Astrocytes. <i>Neurochemical Research</i> , 2006, 31, 741-750.	3.3	35
69	Two distinct Ca ²⁺ compartments show differential sensitivity to thrombin, ADP and vasopressin in human platelets. <i>Cellular Signalling</i> , 2006, 18, 373-381.	3.6	91
70	Caspases 3 and 9 are translocated to the cytoskeleton and activated by thrombin in human platelets. Evidence for the involvement of PKC and the actin filament polymerization. <i>Cellular Signalling</i> , 2006, 18, 1252-1261.	3.6	26
71	Early caspase-3 activation independent of apoptosis is required for cellular function. <i>Journal of Cellular Physiology</i> , 2006, 209, 142-152.	4.1	83
72	Calcium Signalling and Reactive Oxygen Species in Non-Excitable Cells. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 409-415.	2.4	19

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73	Involvement of ryanodine-operated channels in tert-butylhydroperoxide-evoked Ca ²⁺ mobilisation in pancreatic acinar cells. <i>Journal of Experimental Biology</i> , 2006, 209, 2156-2164.	1.7	4
74	Interaction of STIM1 with Endogenously Expressed Human Canonical TRP1 upon Depletion of Intracellular Ca ²⁺ Stores. <i>Journal of Biological Chemistry</i> , 2006, 281, 28254-28264.	3.4	189
75	Ca ²⁺ accumulation into acidic organelles mediated by Ca ²⁺ - and vacuolar H ⁺ -ATPases in human platelets. <i>Biochemical Journal</i> , 2005, 390, 243-252.	3.7	112
76	Ca ²⁺ -independent activation of Bruton's tyrosine kinase is required for store-mediated Ca ²⁺ entry in human platelets. <i>Cellular Signalling</i> , 2005, 17, 1011-1021.	3.6	52
77	Store-operated Ca ²⁺ entry: Vesicle fusion or reversible trafficking and de novo conformational coupling?. <i>Journal of Cellular Physiology</i> , 2005, 205, 262-269.	4.1	55
78	H ₂ O ₂ -induced changes in mitochondrial activity in isolated mouse pancreatic acinar cells. <i>Molecular and Cellular Biochemistry</i> , 2005, 269, 165-173.	3.1	30
79	Cleavage of SNAP-25 and VAMP-2 impairs store-operated Ca ²⁺ entry in mouse pancreatic acinar cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C214-C221.	4.6	21
80	Hydrogen peroxide and peroxynitrite enhance Ca ²⁺ mobilization and aggregation in platelets from type 2 diabetic patients. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 794-802.	2.1	94
81	Effect of H ₂ O ₂ on CCK-8-evoked changes in mitochondrial activity in isolated mouse pancreatic acinar cells. <i>Biology of the Cell</i> , 2005, 97, 847-856.	2.0	12
82	Two Pathways for Store-mediated Calcium Entry Differentially Dependent on the Actin Cytoskeleton in Human Platelets. <i>Journal of Biological Chemistry</i> , 2004, 279, 29231-29235.	3.4	79
83	A role for SNAP-25 but not VAMPs in store-mediated Ca ²⁺ entry in human platelets. <i>Journal of Physiology</i> , 2004, 558, 99-109.	2.9	39
84	Dietary virgin olive oil enhances secretagogue-evoked calcium signaling in rat pancreatic acinar cells. <i>Nutrition</i> , 2004, 20, 536-541.	2.4	10
85	Effect of hydrogen peroxide on Ca ²⁺ mobilisation in human platelets through sulphhydryl oxidation dependent and independent mechanisms. <i>Biochemical Pharmacology</i> , 2004, 67, 491-502.	4.4	83
86	Dual effect of hydrogen peroxide on store-mediated calcium entry in human platelets. <i>Biochemical Pharmacology</i> , 2004, 67, 1065-1076.	4.4	66
87	Effects of ageing on morphology, amylase release, cytosolic Ca ²⁺ signals and acyl lipids in isolated rat parotid gland tissue. <i>Molecular and Cellular Biochemistry</i> , 2004, 266, 199-208.	3.1	9
88	Hydrogen Peroxide Generation Induces pp60 Activation in Human Platelets. <i>Journal of Biological Chemistry</i> , 2004, 279, 1665-1675.	3.4	119
89	Generation of ROS in response to CCK-8 stimulation in mouse pancreatic acinar cells. <i>Mitochondrion</i> , 2004, 3, 285-296.	3.4	39
90	Store-operated Ca ²⁺ entry and tyrosine kinase pp60src hyperactivity are modulated by hyperglycemia in platelets from patients with non insulin-dependent diabetes mellitus. <i>Archives of Biochemistry and Biophysics</i> , 2004, 432, 261-268.	3.0	45

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91	Reduced plasma membrane Ca ²⁺ -ATPase function in platelets from patients with non-insulin-dependent diabetes mellitus. <i>Haematologica</i> , 2004, 89, 1142-4.	3.5	44
92	Changes in mitochondrial activity evoked by cholecystokinin in isolated mouse pancreatic acinar cells. <i>Cellular Signalling</i> , 2003, 15, 1039-1048.	3.6	32
93	Evidence for secretion-like coupling involving pp60src in the activation and maintenance of store-mediated Ca ²⁺ entry in mouse pancreatic acinar cells. <i>Biochemical Journal</i> , 2003, 370, 255-263.	3.7	51
94	XOD-catalyzed ROS generation mobilizes calcium from intracellular stores in mouse pancreatic acinar cells. <i>Cellular Signalling</i> , 2002, 14, 153-159.	3.6	31
95	Effects of reactive oxygen species on actin filament polymerisation and amylase secretion in mouse pancreatic acinar cells. <i>Cellular Signalling</i> , 2002, 14, 547-556.	3.6	44
96	Effect of xanthine oxidase-catalyzed reactive oxygen species generation on secretagogue-evoked calcium mobilization in mouse pancreatic acinar cells. Abbreviations: ACh, acetylcholine; Ca ²⁺ , calcium; [Ca ²⁺] _i , intracellular free calcium concentration; CCK-8, cholecystokinin octapeptide; DAG, diacylglycerol; IP ₃ , inositol 1,4,5-trisphosphate; PIP ₂ , phosphatidylinositol 4,5-bisphosphate; PLC, phospholipase C; ROS, reactive oxygen species; SERCA, sarco/endoplasmic reticulum Ca ²⁺ ATPase; TPS, thapsigargin; and. <i>Biochemical Pharmacology</i> , 2001, 62, 1621-1627.	4.4	5
97	Vanadate inhibits the calcium extrusion in rat pancreatic acinar cells. <i>Cellular Signalling</i> , 2001, 13, 451-456.	3.6	11
98	Effect of dephostatin on intracellular free calcium concentration and amylase secretion in isolated rat pancreatic acinar cells. <i>Molecular and Cellular Biochemistry</i> , 2000, 205, 163-169.	3.1	4
99	Interaction of islet hormones with cholecystokinin octapeptide-evoked secretory responses in the isolated pancreas of normal and diabetic rats. <i>Experimental Physiology</i> , 1999, 84, 299-318.	2.0	2
100	Interaction of Islet Hormones with Cholecystokinin Octapeptide-Evoked Secretory Responses in the Isolated Pancreas of Normal and Diabetic Rats. <i>Experimental Physiology</i> , 1999, 84, 299-318.	2.0	17
101	Oxidizing effects of vanadate on calcium mobilization and amylase release in rat pancreatic acinar cells. <i>Biochemical Pharmacology</i> , 1999, 58, 77-84.	4.4	15
102	Phenylarsine Oxide Evokes Intracellular Calcium Increases and Amylase Secretion in Isolated Rat Pancreatic Acinar Cells. <i>Cellular Signalling</i> , 1999, 11, 727-734.	3.6	11
103	Effect of Basic Fibroblast Growth Factor on Cholecystokinin-Induced Amylase Release and Intracellular Calcium Increase in Male Rat Pancreatic Acinar Cells. <i>Biochemical Pharmacology</i> , 1998, 55, 903-908.	4.4	16
104	Free Cytosolic Calcium Levels Modify Intracellular pH in Rat Pancreatic Acini. <i>Biochemical and Biophysical Research Communications</i> , 1997, 230, 652-656.	2.1	37