

Patricia Santofimia-Castaño

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

861
citations

471509

17
h-index

526287

27
g-index

43
all docs

43
docs citations

43
times ranked

1190
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin modulates metabolic adaptation of pancreatic stellate cells subjected to hypoxia. <i>Biochemical Pharmacology</i> , 2022, 202, 115118.	4.4	2
2	Iron-Sensitive Prodrugs That Trigger Active Ferroptosis in Drug-Tolerant Pancreatic Cancer Cells. <i>Journal of the American Chemical Society</i> , 2022, 144, 11536-11545.	13.7	29
3	Response to the Letter to the editor regarding "Targeting NUPR1 with the small compound ZZW-115 is an efficient strategy to treat hepatocellular carcinoma" by Jiong Lin. <i>Cancer Letters</i> , 2021, 500, 161-162.	7.2	0
4	NUPR1 interacts with eIF2 β and is required for resolution of the ER stress response in pancreatic tissue. <i>FEBS Journal</i> , 2021, 288, 4081-4097.	4.7	7
5	Intrinsically disordered protein NUPR1 binds to the armadillo-repeat domain of Plakophilin 1. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 549-560.	7.5	4
6	Combating pancreatic cancer chemoresistance by triggering multiple cell death pathways. <i>Pancreatology</i> , 2021, 21, 522-529.	1.1	22
7	Targeting Fibrosis: The Bridge That Connects Pancreatitis and Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4970.	4.1	19
8	NUPR1: A Critical Regulator of the Antioxidant System. <i>Cancers</i> , 2021, 13, 3670.	3.7	25
9	NUPR1 inhibitor ZZW-115 induces ferroptosis in a mitochondria-dependent manner. <i>Cell Death Discovery</i> , 2021, 7, 269.	4.7	33
10	Design of Inhibitors of the Intrinsically Disordered Protein NUPR1: Balance between Drug Affinity and Target Function. <i>Biomolecules</i> , 2021, 11, 1453.	4.0	15
11	Targeting intrinsically disordered proteins involved in cancer. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1695-1707.	5.4	74
12	Evidencing a Pancreatic Ductal Adenocarcinoma Subpopulation Sensitive to the Proteasome Inhibitor Carfilzomib. <i>Clinical Cancer Research</i> , 2020, 26, 5506-5519.	7.0	20
13	Melatonin modulates red-ox state and decreases viability of rat pancreatic stellate cells. <i>Scientific Reports</i> , 2020, 10, 6352.	3.3	16
14	Targeting NUPR1 with the small compound ZZW-115 is an efficient strategy to treat hepatocellular carcinoma. <i>Cancer Letters</i> , 2020, 486, 8-17.	7.2	21
15	ZZW-115-dependent inhibition of NUPR1 nuclear translocation sensitizes cancer cells to genotoxic agents. <i>JCI Insight</i> , 2020, 5, .	5.0	24
16	Dendrimers as Competitors of Protein-Protein Interactions of the Intrinsically Disordered Nuclear Chromatin Protein NUPR1. <i>Biomacromolecules</i> , 2019, 20, 2567-2576.	5.4	11
17	Designing and repurposing drugs to target intrinsically disordered proteins for cancer treatment: using NUPR1 as a paradigm. <i>Molecular and Cellular Oncology</i> , 2019, 6, e1612678.	0.7	10
18	Melatonin induces reactive oxygen species generation and changes in glutathione levels and reduces viability in human pancreatic stellate cells. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 185-197.	3.0	18

#	ARTICLE	IF	CITATIONS
19	Targeting the Stress-Induced Protein NUPR1 to Treat Pancreatic Adenocarcinoma. <i>Cells</i> , 2019, 8, 1453.	4.1	28
20	Dissecting the Anticancer Mechanism of Trifluoperazine on Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2019, 11, 1869.	3.7	31
21	Ligand-based design identifies a potent NUPR1 inhibitor exerting anticancer activity via necroptosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 2500-2513.	8.2	68
22	Amphipathic helical peptides hamper protein-protein interactions of the intrinsically disordered chromatin nuclear protein 1 (NUPR1). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1283-1295.	2.4	22
23	Ebselen impairs cellular oxidative state and induces endoplasmic reticulum stress and activation of crucial mitogen-activated protein kinases in pancreatic tumour AR42J cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1122-1133.	2.6	14
24	Inactivation of NUPR1 promotes cell death by coupling ER-stress responses with necrosis. <i>Scientific Reports</i> , 2018, 8, 16999.	3.3	44
25	E2F signature is predictive for the pancreatic adenocarcinoma clinical outcome and sensitivity to E2F inhibitors, but not for the response to cytotoxic-based treatments. <i>Scientific Reports</i> , 2018, 8, 8330.	3.3	21
26	Î±-lipoic acid reduces postreperfusion syndrome in human liver transplantation - a pilot study. <i>Transplant International</i> , 2018, 31, 1357-1368.	1.6	19
27	Intrinsically disordered chromatin protein NUPR1 binds to the C-terminal region of Polycomb RING1B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6332-E6341.	7.1	39
28	Ebselen alters cellular oxidative status and induces endoplasmic reticulum stress in rat hippocampal astrocytes. <i>Toxicology</i> , 2016, 357-358, 74-84.	4.2	14
29	Interferences of resveratrol with fura-2-derived fluorescence in intracellular free-Ca ²⁺ concentration determinations. <i>Cytotechnology</i> , 2016, 68, 1369-1380.	1.6	9
30	Modulation of copper accumulation and copper-induced toxicity by antioxidants and copper chelators in cultured primary brain astrocytes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 32, 168-176.	3.0	28
31	Melatonin induces the expression of Nrf2-regulated antioxidant enzymes via PKC and Ca ²⁺ influx activation in mouse pancreatic acinar cells. <i>Free Radical Biology and Medicine</i> , 2015, 87, 226-236.	2.9	56
32	Melatonin, mitochondria, and Ca ²⁺ homeostasis in the exocrine pancreas: an overview. <i>Turkish Journal of Biology</i> , 2015, 39, 801-812.	0.8	0
33	Melatonin induces calcium mobilization and influences cell proliferation independently of MT1/MT2 receptor activation in rat pancreatic stellate cells. <i>Cell Biology and Toxicology</i> , 2015, 31, 95-110.	5.3	22
34	Pharmacological dose of melatonin reduces cytosolic calcium load in response to cholecystokinin in mouse pancreatic acinar cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 397, 75-86.	3.1	15
35	The seleno-organic compound ebselen impairs mitochondrial physiology and induces cell death in AR42J cells. <i>Toxicology Letters</i> , 2014, 229, 465-473.	0.8	11
36	Change in the Characteristics of Ca ²⁺ Signaling in Pancreatic Acinar Cells in Culture. <i>Open Access Journal of Science and Technology</i> , 2014, 2, .	0.2	2

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37	Melatonin modulates Ca ²⁺ mobilization and amylase release in response to cholecystokinin octapeptide in mouse pancreatic acinar cells. <i>Journal of Physiology and Biochemistry</i> , 2013, 69, 897-908.	3.0	13
38	Ebselen Alters Mitochondrial Physiology and Reduces Viability of Rat Hippocampal Astrocytes. <i>DNA and Cell Biology</i> , 2013, 32, 147-155.	1.9	14
39	Cinnamtannin B-1, a natural antioxidant that reduces the effects of H ₂ O ₂ on CCK-8-evoked responses in mouse pancreatic acinar cells. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 181-191.	3.0	17
40	Resveratrol mobilizes Ca ²⁺ from intracellular stores and induces c-Jun N-terminal kinase activation in tumoral AR42J cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 362, 15-23.	3.1	14
41	Ethanol reduces kainate-evoked glutamate secretion in rat hippocampal astrocytes. <i>Brain Research</i> , 2011, 1402, 1-8.	2.2	10