

# 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	Targeting intrinsically disordered proteins involved in cancer. Cellular and Molecular Life Sciences, 2020, 77, 1695-1707.	5.4	74
2	Ligand-based design identifies a potent NUPR1 inhibitor exerting anticancer activity via necroptosis. Journal of Clinical Investigation, 2019, 129, 2500-2513.	8.2	68
3	Melatonin induces the expression of Nrf2-regulated antioxidant enzymes via PKC and Ca <sup>2+</sup> influx activation in mouse pancreatic acinar cells. Free Radical Biology and Medicine, 2015, 87, 226-236.	2.9	56
4	Inactivation of NUPR1 promotes cell death by coupling ER-stress responses with necrosis. Scientific Reports, 2018, 8, 16999.	3.3	44
5	Intrinsically disordered chromatin protein NUPR1 binds to the C-terminal region of Polycomb RING1B. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6332-E6341.	7.1	39
6	NUPR1 inhibitor ZZW-115 induces ferroptosis in a mitochondria-dependent manner. Cell Death Discovery, 2021, 7, 269.	4.7	33
7	Dissecting the Anticancer Mechanism of Trifluoperazine on Pancreatic Ductal Adenocarcinoma. Cancers, 2019, 11, 1869.	3.7	31
8	Iron-Sensitive Prodrugs That Trigger Active Ferroptosis in Drug-Tolerant Pancreatic Cancer Cells. Journal of the American Chemical Society, 2022, 144, 11536-11545.	13.7	29
9	Modulation of copper accumulation and copper-induced toxicity by antioxidants and copper chelators in cultured primary brain astrocytes. Journal of Trace Elements in Medicine and Biology, 2015, 32, 168-176.	3.0	28
10	Targeting the Stress-Induced Protein NUPR1 to Treat Pancreatic Adenocarcinoma. Cells, 2019, 8, 1453.	4.1	28
11	NUPR1: A Critical Regulator of the Antioxidant System. Cancers, 2021, 13, 3670.	3.7	25
12	ZZW-115â€™s dependent inhibition of NUPR1 nuclear translocation sensitizes cancer cells to genotoxic agents. JCI Insight, 2020, 5, .	5.0	24
13	Melatonin induces calcium mobilization and influences cell proliferation independently of MT1/MT2 receptor activation in rat pancreatic stellate cells. Cell Biology and Toxicology, 2015, 31, 95-110.	5.3	22
14	Amphipathic helical peptides hamper protein-protein interactions of the intrinsically disordered chromatin nuclear protein 1 (NUPR1). Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1283-1295.	2.4	22
15	Combating pancreatic cancer chemoresistance by triggering multiple cell death pathways. Pancreatology, 2021, 21, 522-529.	1.1	22
16	E2F signature is predictive for the pancreatic adenocarcinoma clinical outcome and sensitivity to E2F inhibitors, but not for the response to cytotoxic-based treatments. Scientific Reports, 2018, 8, 8330.	3.3	21
17	Targeting NUPR1 with the small compound ZZW-115 is an efficient strategy to treat hepatocellular carcinoma. Cancer Letters, 2020, 486, 8-17.	7.2	21
18	Evidencing a Pancreatic Ductal Adenocarcinoma Subpopulation Sensitive to the Proteasome Inhibitor Carfilzomib. Clinical Cancer Research, 2020, 26, 5506-5519.	7.0	20

#	ARTICLE	IF	CITATIONS
19	Î±-lipoic acid reduces postreperfusion syndrome in human liver transplantation - a pilot study. <i>Transplant International</i> , 2018, 31, 1357-1368.	1.6	19
20	Targeting Fibrosis: The Bridge That Connects Pancreatitis and Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4970.	4.1	19
21	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
22	Cinnamtannin B-1, a natural antioxidant that reduces the effects of H <sub>2</sub> O <sub>2</sub> on CCK-8-evoked responses in mouse pancreatic acinar cells. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 181-191.	3.0	17
23	Melatonin modulates red-ox state and decreases viability of rat pancreatic stellate cells. <i>Scientific Reports</i> , 2020, 10, 6352.	3.3	16
24	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
25	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
26	Resveratrol mobilizes Ca <sup>2+</sup> 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
27	Ebselen Alters Mitochondrial Physiology and Reduces Viability of Rat Hippocampal Astrocytes. <i>DNA and Cell Biology</i> , 2013, 32, 147-155.	1.9	14
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	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
30	Melatonin modulates Ca <sup>2+</sup> 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
31	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
32	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
33	Ethanol reduces kainate-evoked glutamate secretion in rat hippocampal astrocytes. <i>Brain Research</i> , 2011, 1402, 1-8.	2.2	10
34	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
35	Interferences of resveratrol with fura-2-derived fluorescence in intracellular free-Ca <sup>2+</sup> concentration determinations. <i>Cytotechnology</i> , 2016, 68, 1369-1380.	1.6	9
36	NUPR1 interacts with eIF2Î± and is required for resolution of the ER stress response in pancreatic tissue. <i>FEBS Journal</i> , 2021, 288, 4081-4097.	4.7	7

#	ARTICLE	IF	CITATIONS
37	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
38	Change in the Characteristics of Ca <sup>2+</sup> Signaling in Pancreatic Acinar Cells in Culture. <i>Open Access Journal of Science and Technology</i> , 2014, 2, .	0.2	2
39	Melatonin modulates metabolic adaptation of pancreatic stellate cells subjected to hypoxia. <i>Biochemical Pharmacology</i> , 2022, 202, 115118.	4.4	2
40	Melatonin, mitochondria, and Ca <sup>2+</sup> homeostasis in the exocrine pancreas: an overview. <i>Turkish Journal of Biology</i> , 2015, 39, 801-812.	0.8	0
41	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