

# Miguel Mendivil-perez

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

568  
citations

840585

11  
h-index

713332

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of melatonin and rapamycin for head and neck cancer therapy: Suppression of <sc>AKT</sc>/<sc>mTOR</sc> pathway activation, and activation of mitophagy and apoptosis via mitochondrial function regulation. Journal of Pineal Research, 2018, 64, e12461.	3.4	131
2	Melatonin protects rats from radiotherapy-induced small intestine toxicity. PLoS ONE, 2017, 12, e0174474.	1.1	86
3	Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function. Journal of Pineal Research, 2017, 63, e12415.	3.4	78
4	TPEN Induces Apoptosis Independently of Zinc Chelator Activity in a Model of Acute Lymphoblastic Leukemia and <i>Ex Vivo</i> Acute Leukemia Cells through Oxidative Stress and Mitochondria Caspase-3- and AIF-Dependent Pathways. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-14.	1.9	50
5	Neuroprotective Effect of the LRRK2 Kinase Inhibitor PF-06447475 in Human Nerve-Like Differentiated Cells Exposed to Oxidative Stress Stimuli: Implications for Parkinsonâ€™s Disease. Neurochemical Research, 2016, 41, 2675-2692.	1.6	38
6	Doxorubicin induces apoptosis in Jurkat cells by mitochondria-dependent and mitochondria-independent mechanisms under normoxic and hypoxic conditions. Anti-Cancer Drugs, 2015, 26, 583-598.	0.7	21
7	Cannabinoid CP55940 selectively induces apoptosis in Jurkat cells and in ex vivo T-cell acute lymphoblastic leukemia through H2O2 signaling mechanism. Leukemia Research, 2020, 95, 106389.	0.4	19
8	Cholinergic-like neurons carrying PSEN1 E280A mutation from familial Alzheimerâ€™s disease reveal intraneuronal sAPPÎ² fragments accumulation, hyperphosphorylation of TAU, oxidative stress, apoptosis and Ca2+ dysregulation: Therapeutic implications. PLoS ONE, 2020, 15, e0221669.	1.1	18
9	Direct transdifferentiation of human Whartonâ€™s jelly mesenchymal stromal cells into cholinergic-like neurons. Journal of Neuroscience Methods, 2019, 312, 126-138.	1.3	16
10	Glucose Starvation Induces Apoptosis in a Model of Acute T Leukemia Dependent on Caspase-3 and Apoptosis-Inducing Factor: A Therapeutic Strategy. Nutrition and Cancer, 2013, 65, 99-109.	0.9	14
11	Response to Rotenone Is Glucose-Sensitive in a Model of Human Acute Lymphoblastic Leukemia: Involvement of Oxidative Stress Mechanism, DJ-1, Parkin, and PINK-1 Proteins. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-16.	1.9	14
12	Role of a novel (âˆ™)-epigallocatechin-3-gallate delivery system on the prevention against oxidative stress damage in vitro and in vivo model of Parkinson's disease. Journal of Drug Delivery Science and Technology, 2020, 55, 101466.	1.4	13
13	L-amino acid oxidase isolated from Micrurus mipartitus snake venom (MipLAO) specifically induces apoptosis in acute lymphoblastic leukemia cells mostly via oxidative stress-dependent signaling mechanism. International Journal of Biological Macromolecules, 2019, 134, 1052-1062.	3.6	12
14	iPSCs-derived nerve-like cells from familial Alzheimerâ€™s disease PSEN 1 E280A reveal increased amyloid-beta levels and loss of the Y chromosome. Neuroscience Letters, 2019, 703, 111-118.	1.0	11
15	Design of epigallocatechin gallate loaded PLGA/PF127 nanoparticles and their effect upon an oxidative stress model. Journal of Drug Delivery Science and Technology, 2018, 48, 152-160.	1.4	10
16	Multi-Target Effects of the Cannabinoid CP55940 on Familial Alzheimerâ€™s Disease PSEN1 E280A Cholinergic-Like Neurons: Role of CB1 Receptor. Journal of Alzheimer's Disease, 2021, 82, S359-S378.	1.2	10
17	Latent Tri-lineage Potential of Human Menstrual Bloodâ€™Derived Mesenchymal Stromal Cells Revealed by Specific In Vitro Culture Conditions. Molecular Neurobiology, 2021, 58, 5194-5209.	1.9	8
18	(âˆ™)-Epigallocatechin-3-Gallate Diminishes Intra-and Extracellular Amyloid-Induced Cytotoxic Effects on Cholinergic-like Neurons from Familial Alzheimerâ€™s Disease PSEN1 E280A. Biomolecules, 2021, 11, 1845.	1.8	6

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19	TPEN exerts selective anti-leukemic efficacy in ex vivo drug-resistant childhood acute leukemia. <i>BioMetals</i> , 2021, 34, 49-66.	1.8	4
20	Combinational treatment of TPEN and TPGS induces apoptosis in acute lymphoblastic and chronic myeloid leukemia cells in vitro and ex vivo. , 2022, 39, 109.		3
21	TPEN Exerts Antitumor Efficacy in Murine Mammary Adenocarcinoma Through an H2O2 Signaling Mechanism Dependent on Caspase-3. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1617-1628.	0.9	2
22	Polycationic peptide R7-G- $\hat{A}^{25-35}$ selectively induces cell death in leukemia Jurkat T cells through speedy mitochondrial depolarization, and CASPASE-3 -independent mechanism. <i>Biochemistry and Biophysics Reports</i> , 2022, 31, 101300.	0.7	2
23	Title is missing!. , 2020, 15, e0221669.		0
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