

# Javier Del Pino Sans

## List of Publications by Year in descending order

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papers

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citations

516215

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1513  
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#	ARTICLE	IF	CITATIONS
1	A review of metal-catalyzed molecular damage: protection by melatonin. <i>Journal of Pineal Research</i> , 2014, 56, 343-370.	3.4	145
2	Novel progesterone receptors: neural localization and possible functions. <i>Frontiers in Neuroscience</i> , 2013, 7, 164.	1.4	71
3	Cadmium-induced cell death of basal forebrain cholinergic neurons mediated by muscarinic M1 receptor blockade, increase in GSK-3 $\beta$ enzyme, $\beta$ -amyloid and tau protein levels. <i>Archives of Toxicology</i> , 2016, 90, 1081-1092.	1.9	68
4	Nonclassical Progesterone Signalling Molecules in the Nervous System. <i>Journal of Neuroendocrinology</i> , 2013, 25, 991-1001.	1.2	61
5	Toxicological and pharmacological evaluation, antioxidant, ADMET and molecular modeling of selected racemic chromenotacrine {11-amino-12-aryl-8,9,10,12-tetrahydro-7H-chromeno[2,3-b]quinolin-3-ols} for the potential prevention and treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 491-501.	2.6	44
6	Higher sensitivity to cadmium induced cell death of basal forebrain cholinergic neurons: A cholinesterase dependent mechanism. <i>Toxicology</i> , 2014, 325, 151-159.	2.0	40
7	Melatonin as potential candidate to prevent the toxicity induced by chemical warfare agents. <i>Archives of Toxicology</i> , 2014, 88, 3-4.	1.9	34
8	Cadmium induced ROS alters M1 and M3 receptors, leading to SN56 cholinergic neuronal loss, through AChE variants disruption. <i>Toxicology</i> , 2018, 394, 54-62.	2.0	30
9	Chlorpyrifos-induced cell proliferation in human breast cancer cell lines differentially mediated by estrogen and aryl hydrocarbon receptors and KIAA1363 enzyme after 24h and 14 days exposure. <i>Chemosphere</i> , 2020, 251, 126426.	4.2	28
10	Molecular Mechanisms of Amitraz Mammalian Toxicity: A Comprehensive Review of Existing Data. <i>Chemical Research in Toxicology</i> , 2015, 28, 1073-1094.	1.7	27
11	Amitraz changes NE, DA and 5-HT biosynthesis and metabolism mediated by alterations in estradiol content in CNS of male rats. <i>Chemosphere</i> , 2017, 181, 518-529.	4.2	21
12	Acute and long-term exposure to chlorpyrifos induces cell death of basal forebrain cholinergic neurons through AChE variants alteration. <i>Toxicology</i> , 2015, 336, 1-9.	2.0	20
13	Wnt Signaling Pathway, a Potential Target for Alzheimer's Disease Treatment, is Activated by a Novel Multitarget Compound ASS234. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 568-570.	1.9	19
14	Primary hippocampal neuronal cell death induction after acute and repeated paraquat exposures mediated by AChE variants alteration and cholinergic and glutamatergic transmission disruption. <i>Toxicology</i> , 2017, 390, 88-99.	2.0	19
15	Effects of prenatal and postnatal exposure to amitraz on norepinephrine, serotonin and dopamine levels in brain regions of male and female rats. <i>Toxicology</i> , 2011, 287, 145-152.	2.0	18
16	Manganese induced ROS and AChE variants alteration leads to SN56 basal forebrain cholinergic neuronal loss after acute and long-term treatment. <i>Food and Chemical Toxicology</i> , 2019, 125, 583-594.	1.8	17
17	Modulation of Heat Shock Response Proteins by ASS234, Targeted for Neurodegenerative Diseases Therapy. <i>Chemical Research in Toxicology</i> , 2018, 31, 839-842.	1.7	16
18	Oxidative stress and cell death induction by amitraz and its metabolite BTS-27271 mediated through cytochrome P450 and NRF2 pathway alteration in primary hippocampal cell. <i>Food and Chemical Toxicology</i> , 2019, 129, 87-96.	1.8	16

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19	Toxicogenomic profile of apoptotic and necrotic SN56 basal forebrain cholinergic neuronal loss after acute and long-term chlorpyrifos exposure. <i>Neurotoxicology and Teratology</i> , 2017, 59, 68-73.	1.2	15
20	Cadmium alters heat shock protein pathways in SN56 cholinergic neurons, leading to A $\beta$ and phosphorylated Tau protein generation and cell death. <i>Food and Chemical Toxicology</i> , 2018, 121, 297-308.	1.8	15
21	SN56 neuronal cell death after 24h and 14days chlorpyrifos exposure through glutamate transmission dysfunction, increase of GSK-3 $\beta$ enzyme, $\beta$ -amyloid and tau protein levels. <i>Toxicology</i> , 2018, 402-403, 17-27.	2.0	14
22	Neuroinflammation Signaling Modulated by ASS234, a Multitarget Small Molecule for Alzheimer's Disease Therapy. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2880-2885.	1.7	14
23	Manganese increases A $\beta$ and Tau protein levels through proteasome 20S and heat shock proteins 90 and 70 alteration, leading to SN56 cholinergic cell death following single and repeated treatment. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110975.	2.9	14
24	Toxicity induced by chemical warfare agents: Insights on the protective role of melatonin. <i>Chemico-Biological Interactions</i> , 2013, 206, 134-142.	1.7	12
25	Microarray analysis of neonatal rat anteroventral periventricular transcriptomes identifies the proapoptotic Cugbp2 gene as sex-specific and regulated by estradiol. <i>Neuroscience</i> , 2015, 303, 312-322.	1.1	12
26	SN56 basal forebrain cholinergic neuronal loss after acute and long-term chlorpyrifos exposure through oxidative stress generation; P75NTR and $\alpha$ 7-nAChRs alterations mediated partially by AChE variants disruption. <i>Toxicology</i> , 2016, 353-354, 48-57.	2.0	12
27	Primary hippocampal estrogenic dysfunction induces synaptic proteins alteration and neuronal cell death after single and repeated paraquat exposure. <i>Food and Chemical Toxicology</i> , 2020, 136, 110961.	1.8	12
28	Upregulation of Antioxidant Enzymes by ASS234, a Multitarget Directed Propargylamine for Alzheimer's Disease Therapy. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 799-802.	1.9	11
29	Effects of exposure to amitraz on noradrenaline, serotonin and dopamine levels in brain regions of 30 and 60 days old male rats. <i>Toxicology</i> , 2013, 308, 88-95.	2.0	10
30	Neuroprotective or neurotoxic effects of 4-aminopyridine mediated by KChIP1 regulation through adjustment of Kv 4.3 potassium channels expression and GABA-mediated transmission in primary hippocampal cells. <i>Toxicology</i> , 2015, 333, 107-117.	2.0	10
31	Chlorpyrifos induces cell proliferation in MCF-7 and MDA-MB-231 cells, through cholinergic and Wnt/ $\beta$ -catenin signaling disruption, AChE-R upregulation and oxidative stress generation after single and repeated treatment. <i>Food and Chemical Toxicology</i> , 2021, 152, 112241.	1.8	9
32	Cadmium-induced neurotoxic effects on rat basal forebrain cholinergic system through thyroid hormones disruption. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103791.	2.0	9
33	Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin may alter LH release patterns by abolishing sex differences in GABA/glutamate cell number and modifying the transcriptome of the male anteroventral periventricular nucleus. <i>Neuroscience</i> , 2016, 329, 239-253.	1.1	8
34	Muscarinic M1 receptor partially modulates higher sensitivity to cadmium-induced cell death in primary basal forebrain cholinergic neurons: A cholinesterase variants dependent mechanism. <i>Toxicology</i> , 2016, 361-362, 1-11.	2.0	6
35	Discovery of 7-aminophenanthridin-6-one as a new scaffold for matrix metalloproteinase inhibitors with multitarget neuroprotective activity. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 113061.	2.6	6
36	Neuroprotective Action of Multitarget 7-Aminophenanthridin-6-one Derivatives against Metal-Induced Cell Death and Oxidative Stress in SN56 Cells. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3358-3372.	1.7	6

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37	Dysregulation of prostaglandine E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment. Food and Chemical Toxicology, 2020, 144, 111611.	1.8	5
38	Paraquat Treatment Compromises the Clearance of $\beta$ -Amyloid and Tau Proteins and Induces Primary Hippocampal Neuronal Cell Death through HSP70, P20S, and TFEB Disruption. Chemical Research in Toxicology, 2021, 34, 1240-1244.	1.7	5
39	Bisphenol A single and repeated treatment increases HDAC2, leading to cholinergic neurotransmission dysfunction and SN56 cholinergic apoptotic cell death through AChE variants overexpression and NGF/TrkA/P75NTR signaling disruption. Food and Chemical Toxicology, 2021, 157, 112614.	1.8	5
40	Impaired glutamatergic and GABAergic transmission by amitraz in primary hippocampal cells. Neurotoxicology and Teratology, 2015, 50, 82-87.	1.2	4
41	Analysis of gene expression profiles of CR80, a neuroprotective 1,8-Naphthyridine. Future Medicinal Chemistry, 2018, 10, 1289-1300.	1.1	4
42	Liver and kidney damage induced by 4-aminopyridine in a repeated dose (28 days) oral toxicity study in rats: Gene expression profile of hybrid cell death. Toxicology Letters, 2014, 225, 252-263.	0.4	3
43	Proteasome 20S and Rab5 Alteration after 24 h and 14 Days Chlorpyrifos Exposure Lead to $\beta$ -Amyloid and Tau Protein Level Increases and SN56 Neuronal Cell Death. Chemical Research in Toxicology, 2019, 32, 1920-1924.	1.7	3
44	Clicker system improvement with a web technology system. Medical Education, 2015, 49, 1161-1162.	1.1	2
45	Aryl Hydrocarbon Receptor Activation Produces Heat Shock Protein 90 and 70 Overexpression, Prostaglandin E2/Wnt/ $\beta$ -Catenin Signaling Disruption, and Cell Proliferation in MCF-7 and MDA-MB-231 Cells after 24 h and 14 Days of Chlorpyrifos Treatment. Chemical Research in Toxicology, 2021, 34, 2019-2023.	1.7	2
46	Metals and Thyroid Toxicity. , 2016, , 97-121.		2
47	Thyroid Toxicity. , 2016, , .		2
48	Neuroprotective mechanisms of multitarget 7-aminophenanthridin-6(5H)-one derivatives against metal-induced amyloid proteins generation and aggregation. Food and Chemical Toxicology, 2022, 167, 113264.	1.8	1
49	Permanent sexual and regional noradrenergic system impairment after prenatal and postnatal exposure to chlordimeform. , 2016, 06, .		0
50	MOBILE DEVICES AS A CLASSROOM RESPONSE SYSTEM: AN IMPROVEMENT OF CLICKER DEVICES. , 2016, , .		0
51	Biological Select Agents and Toxins (BSAT). , 2016, , 51-67.		0
52	The Thyroid System. , 2016, , 3-19.		0
53	Industrial Chemicals. , 2016, , 187-215.		0
54	Foods: Functional Foods, Food Additives and Dietetic Supplements. , 2016, , 165-185.		0

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55	THE IMPORTANCE OF TEACHING COMMUNICATIVE SKILLS TO UNIVERSITY STUDENT. , 2017, , .		0
56	THE NECESSITY TO COMBINE REAL AND VIRTUAL LAB PRACTICES. , 2017, , .		0
57	COLLABORATIVE/COMPETITIVE LEARNING OF TOXICOLOGY STUDENTS USING INTERACTIVE DIGITAL BLACKBOARD AND CLICKER SISTEM APPLICATIONS. , 2017, , .		0
58	COLLABORATIVE/COMPETITIVE LEARNING OF TOXICOLOGY STUDENTS USING SMART AMP AND CLICKER SYSTEM APPLICATIONS. , 2017, , .		0