

# Juan Decara Del Olmo

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,154  
citations

394421

19  
h-index

434195

31  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Tocopherol Protects Against Oxidative Stress in the Fragile X Knockout Mouse: an Experimental Therapeutic Approach for the Fmr1 Deficiency. <i>Neuropsychopharmacology</i> , 2009, 34, 1011-1026.	5.4	112
2	Peroxisome Proliferator-Activated Receptors: Experimental Targeting for the Treatment of Inflammatory Bowel Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 730.	3.5	78
3	Enhanced markers of oxidative stress, altered antioxidants and NADPH oxidase activation in brains from Fragile X mental retardation deficient mice, a pathological model for Fragile X syndrome. <i>European Journal of Neuroscience</i> , 2007, 26, 3169-3180.	2.6	69
4	Differential Effects of Single Versus Repeated Alcohol Withdrawal on the Expression of Endocannabinoid System-Related Genes in the Rat Amygdala. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 984-994.	2.4	65
5	Anti-obesity efficacy of LH-21, a cannabinoid CB <sub>1</sub> receptor antagonist with poor brain penetration, in diet-induced obese rats. <i>British Journal of Pharmacology</i> , 2012, 165, 2274-2291.	5.4	51
6	Effects of Intermittent Alcohol Exposure on Emotion and Cognition: A Potential Role for the Endogenous Cannabinoid System and Neuroinflammation. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 15.	2.0	43
7	Cooperative role of the glucagon-like peptide-1 receptor and Î²3-adrenergic-mediated signalling on fat mass reduction through the downregulation of PKA/AKT/AMPK signalling in the adipose tissue and muscle of rats. <i>Acta Physiologica</i> , 2018, 222, e13008.	3.8	40
8	Protective effects of melatonin against oxidative stress in Fmr1 knockout mice: a therapeutic research model for the fragile X syndrome. <i>Journal of Pineal Research</i> , 2009, 46, 224-234.	7.4	38
9	Chronic administration of recombinant IL-6 upregulates lipogenic enzyme expression and aggravates high fat diet-induced steatosis in IL-6 deficient mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 721-31.	2.4	34
10	Antiobesity efficacy of GLP-1 receptor agonist liraglutide is associated with peripheral tissue-specific modulation of lipid metabolic regulators. <i>BioFactors</i> , 2016, 42, 600-611.	5.4	33
11	A Positive Allosteric Modulator of the Serotonin 5-HT <sub>2C</sub> Receptor for Obesity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9575-9584.	6.4	33
12	Immunomodulatory, Antioxidant Activity and Cytotoxic Effect of Sulfated Polysaccharides from <i>Porphyridium cruentum</i> . (S.F.Gray) NÁgeli. <i>Biomolecules</i> , 2021, 11, 488.	4.0	33
13	Pharmacological Blockade of Cannabinoid CB1 Receptors in Diet-Induced Obesity Regulates Mitochondrial Dihydroipoamide Dehydrogenase in Muscle. <i>PLoS ONE</i> , 2015, 10, e0145244.	2.5	31
14	Exposure to a Highly Caloric Palatable Diet During Pregestational and Gestational Periods Affects Hypothalamic and Hippocampal Endocannabinoid Levels at Birth and Induces Adiposity and Anxiety-Like Behaviors in Male Rat Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 9, 339.	2.0	25
15	Plasma Chemokines in Patients with Alcohol Use Disorders: Association of CCL11 (Eotaxin-1) with Psychiatric Comorbidity. <i>Frontiers in Psychiatry</i> , 2017, 7, 214.	2.6	25
16	Exposure to a Highly Caloric Palatable Diet during the Perinatal Period Affects the Expression of the Endogenous Cannabinoid System in the Brain, Liver and Adipose Tissue of Adult Rat Offspring. <i>PLoS ONE</i> , 2016, 11, e0165432.	2.5	24
17	Maternal Caloric Restriction Implemented during the Preconceptional and Pregnancy Period Alters Hypothalamic and Hippocampal Endocannabinoid Levels at Birth and Induces Overweight and Increased Adiposity at Adulthood in Male Rat Offspring. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 208.	2.0	22
18	Cocaine-induced behavioral sensitization decreases the expression of endocannabinoid signaling-related proteins in the mouse hippocampus. <i>European Neuropsychopharmacology</i> , 2016, 26, 477-492.	0.7	22

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19	D-Pinitol from <i>Ceratonia siliqua</i> Is an Orally Active Natural Inositol That Reduces Pancreas Insulin Secretion and Increases Circulating Ghrelin Levels in Wistar Rats. <i>Nutrients</i> , 2020, 12, 2030.	4.1	22
20	Chronic IL-6 Administration Desensitizes IL-6 Response in Liver, Causes Hyperleptinemia and Aggravates Steatosis in Diet-Induced-Obese Mice. <i>PLoS ONE</i> , 2016, 11, e0157956.	2.5	21
21	Long-Term Effects of Prenatal Exposure to Undernutrition on Cannabinoid Receptor-Related Behaviors: Sex and Tissue-Specific Alterations in the mRNA Expression of Cannabinoid Receptors and Lipid Metabolic Regulators. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 241.	2.0	20
22	Elaidyl-sulfamide, an oleoylethanolamide-modelled PPAR $\alpha$ agonist, reduces body weight gain and plasma cholesterol in rats. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 660-70.	2.4	19
23	Novel antiobesity agents: Synthesis and pharmacological evaluation of analogues of Rimonabant and of LH21. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1708-1716.	3.0	19
24	Environmental Enrichment, Age, and PPAR $\alpha$ Interact to Regulate Proliferation in Neurogenic Niches. <i>Frontiers in Neuroscience</i> , 2016, 10, 89.	2.8	19
25	Acetaminophen-Induced Liver Injury Alters the Acyl Ethanolamine-Based Anti-Inflammatory Signaling System in Liver. <i>Frontiers in Pharmacology</i> , 2017, 8, 705.	3.5	18
26	Unsaturated Fatty Alcohol Derivatives of Olive Oil Phenolic Compounds with Potential Low-Density Lipoprotein (LDL) Antioxidant and Antiobesity Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1067-1074.	5.2	17
27	Treatment with a novel oleic-acid- $\alpha$ -dihydroxyamphetamine conjugation ameliorates non-alcoholic fatty liver disease in obese Zucker rats. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1213-1225.	2.4	16
28	Impact of intermittent voluntary ethanol consumption during adolescence on the expression of endocannabinoid system and neuroinflammatory mediators. <i>European Neuropsychopharmacology</i> , 2020, 33, 126-138.	0.7	15
29	A moderate diet restriction during pregnancy alters the levels of endocannabinoids and endocannabinoid-related lipids in the hypothalamus, hippocampus and olfactory bulb of rat offspring in a sex-specific manner. <i>PLoS ONE</i> , 2017, 12, e0174307.	2.5	15
30	Palmitoleylethanolamide Is an Efficient Anti-Obesity Endogenous Compound: Comparison with Oleylethanolamide in Diet-Induced Obesity. <i>Nutrients</i> , 2021, 13, 2589.	4.1	14
31	Differential hepatoprotective role of the cannabinoid CB <sub>1</sub> and CB <sub>2</sub> receptors in paracetamol-induced liver injury. <i>British Journal of Pharmacology</i> , 2020, 177, 3309-3326.	5.4	13
32	Discovery of Potent Dual PPAR $\alpha$ Agonists/CB1 Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 793-797.	2.8	12
33	Description of a Bivalent Cannabinoid Ligand with Hypophagic Properties. <i>Archiv Der Pharmazie</i> , 2013, 346, 171-179.	4.1	12
34	Activation of PI3K/Akt Signaling Pathway in Rat Hypothalamus Induced by an Acute Oral Administration of D-Pinitol. <i>Nutrients</i> , 2021, 13, 2268.	4.1	12
35	Obesity as a Condition Determined by Food Addiction: Should Brain Endocannabinoid System Alterations Be the Cause and Its Modulation the Solution?. <i>Pharmaceuticals</i> , 2021, 14, 1002.	3.8	12
36	Hyperplastic Obesity and Liver Steatosis as Long-Term Consequences of Suboptimal In Vitro Culture of Mouse Embryos <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 91, 30.	2.7	11

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37	Perinatal free choice of a high-calorie low-protein diet affects leptin signaling through IRS1 and AMPK dephosphorylation in the hypothalamus of female rat offspring in adulthood. <i>Acta Physiologica</i> , 2019, 226, e13244.	3.8	11
38	Single administration of recombinant IL-6 restores the gene expression of lipogenic enzymes in liver of fasting IL-6-deficient mice. <i>British Journal of Pharmacology</i> , 2016, 173, 1070-1084.	5.4	10
39	Pinitol promotes tau dephosphorylation through a cyclin-dependent kinase 5 regulation mechanism: A new potential approach for tauopathies?. <i>British Journal of Pharmacology</i> , 2022, 179, 4655-4672.	5.4	10
40	PPAR $\alpha$ /CB1 receptor dual ligands as a novel therapy for alcohol use disorder: Evaluation of a novel oleic acid conjugate in preclinical rat models. <i>Biochemical Pharmacology</i> , 2018, 157, 235-243.	4.4	9
41	Effects of Adolescent Intermittent Alcohol Exposure on the Expression of Endocannabinoid Signaling-Related Proteins in the Spleen of Young Adult Rats. <i>PLoS ONE</i> , 2016, 11, e0163752.	2.5	8
42	Synthesis of Fatty Acid Amides of Catechol Metabolites that Exhibit Antiobesity Properties. <i>ChemMedChem</i> , 2010, 5, 1781-1787.	3.2	7
43	The adiponectin promoter activator NP-1 induces high levels of circulating TNF $\alpha$ and weight loss in obese (fa/fa) Zucker rats. <i>Scientific Reports</i> , 2018, 8, 9858.	3.3	7
44	Computational and Biological Evaluation of N-octadecyl-N $^{\epsilon}$ -propylsulfamide, a Selective PPAR $\alpha$ Agonist Structurally Related to N-acylethanolamines. <i>PLoS ONE</i> , 2014, 9, e92195.	2.5	7
45	Screening of urocanic acid isomers in human basal and squamous cell carcinoma tumors compared with tumor periphery and healthy skin. <i>Experimental Dermatology</i> , 2008, 17, 806-812.	2.9	4
46	Cannabinoid dependence induces sustained changes in GABA release in the globus pallidus without affecting dopamine release in the dorsal striatum: A dual microdialysis probe study. <i>Addiction Biology</i> , 2018, 23, 1251-1261.	2.6	4
47	Abrupt cessation of reboxetine along alcohol deprivation results in alcohol intake escalation after reinstatement of drinking. <i>Addiction Biology</i> , 2021, 26, e12957.	2.6	3
48	Benzyl-1,2,4-triazoles as CB1 Cannabinoid Receptor Ligands: Preparation and In Vitro Pharmacological Evaluation. <i>International Journal of Medicinal Chemistry</i> , 2016, 2016, 1-9.	2.2	0
49	Long-term effects of intermittent alcohol exposure during adolescence on neurobiological substrates of emotion: A role for the endogenous cannabinoid system and neuroinflammation. <i>Alcohol</i> , 2017, 60, 237-238.	1.7	0