

# Ismael Galve-Roperh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8856927/publications.pdf>

Version: 2024-02-01

83  
papers

8,330  
citations

44069  
48  
h-index

66911  
78  
g-index

84  
all docs

84  
docs citations

84  
times ranked

6378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-tumoral action of cannabinoids: Involvement of sustained ceramide accumulation and extracellular signal-regulated kinase activation. <i>Nature Medicine</i> , 2000, 6, 313-319.	30.7	610
2	The emerging functions of endocannabinoid signaling during CNS development. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 83-92.	8.7	357
3	Microglial CB2 cannabinoid receptors are neuroprotective in Huntington's disease excitotoxicity. <i>Brain</i> , 2009, 132, 3152-3164.	7.6	323
4	The endocannabinoid system drives neural progenitor proliferation. <i>FASEB Journal</i> , 2005, 19, 1704-1706.	0.5	291
5	A pilot clinical study of $\delta^9$ -tetrahydrocannabinol in patients with recurrent glioblastoma multiforme. <i>British Journal of Cancer</i> , 2006, 95, 197-203.	6.4	287
6	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8760-8765.	7.1	263
7	$\delta^9$ -Tetrahydrocannabinol induces apoptosis in C6 glioma cells. <i>FEBS Letters</i> , 1998, 436, 6-10.	2.8	248
8	Cannabinoid receptor signaling in progenitor/stem cell proliferation and differentiation. <i>Progress in Lipid Research</i> , 2013, 52, 633-650.	11.6	240
9	The Endocannabinoid System Promotes Astroglial Differentiation by Acting on Neural Progenitor Cells. <i>Journal of Neuroscience</i> , 2006, 26, 1551-1561.	3.6	225
10	The anxiolytic effect of cannabidiol on chronically stressed mice depends on hippocampal neurogenesis: involvement of the endocannabinoid system. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1407-1419.	2.1	225
11	The Endocannabinoid Anandamide Inhibits Neuronal Progenitor Cell Differentiation through Attenuation of the Rap1/B-Raf/ERK Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 46645-46650.	3.4	212
12	Control of the cell survival/death decision by cannabinoids. <i>Journal of Molecular Medicine</i> , 2001, 78, 613-625.	3.9	207
13	Non-psychoactive CB 2 cannabinoid agonists stimulate neural progenitor proliferation. <i>FASEB Journal</i> , 2006, 20, 2405-2407.	0.5	201
14	Molecular cloning and characterization of a lipid phosphohydrolase that degrades sphingosine-1-phosphate and induces cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7859-7864.	7.1	192
15	Involvement of Sphingomyelin Hydrolysis and the Mitogen-Activated Protein Kinase Cascade in the $\delta^9$ -Tetrahydrocannabinol-Induced Stimulation of Glucose Metabolism in Primary Astrocytes. <i>Molecular Pharmacology</i> , 1998, 54, 834-843.	2.3	189
16	The CB <sub>1</sub> Cannabinoid Receptor Is Coupled to the Activation of c-Jun N-Terminal Kinase. <i>Molecular Pharmacology</i> , 2000, 58, 814-820.	2.3	186
17	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntington's disease. <i>Brain</i> , 2011, 134, 119-136.	7.6	178
18	Mechanism of Extracellular Signal-Regulated Kinase Activation by the CB1 Cannabinoid Receptor. <i>Molecular Pharmacology</i> , 2002, 62, 1385-1392.	2.3	173

#	ARTICLE	IF	CITATIONS
19	Sphingosine-1-phosphate phosphohydrolase in regulation of sphingolipid metabolism and apoptosis. <i>Journal of Cell Biology</i> , 2002, 158, 1039-1049.	5.2	160
20	Cannabinoids and cell fate. , 2002, 95, 175-184.		148
21	The CB1 Cannabinoid Receptor Mediates Excitotoxicity-induced Neural Progenitor Proliferation and Neurogenesis. <i>Journal of Biological Chemistry</i> , 2007, 282, 23892-23898.	3.4	146
22	Involvement of the cAMP/protein kinase A pathway and of mitogen-activated protein kinase in the anti-proliferative effects of anandamide in human breast cancer cells. <i>FEBS Letters</i> , 1999, 463, 235-240.	2.8	145
23	CB2 Cannabinoid Receptors Promote Neural Progenitor Cell Proliferation via mTORC1 Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 1198-1209.	3.4	145
24	De novo synthesized ceramide signals apoptosis in astrocytes via extracellular signal-regulated kinase. <i>FASEB Journal</i> , 2000, 14, 2315-2322.	0.5	144
25	The CB2 Cannabinoid Receptor Controls Myeloid Progenitor Trafficking. <i>Journal of Biological Chemistry</i> , 2008, 283, 13320-13329.	3.4	141
26	A restricted population of CB <sub>1</sub> cannabinoid receptors with neuroprotective activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8257-8262.	7.1	136
27	Prenatal exposure to cannabinoids evokes long-lasting functional alterations by targeting CB <sub>1</sub> receptors on developing cortical neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13693-13698.	7.1	120
28	Direct Calcium Binding Results in Activation of Brain Serine Racemase. <i>Journal of Biological Chemistry</i> , 2002, 277, 27782-27792.	3.4	116
29	Cannabinoids Induce Glioma Stem-like Cell Differentiation and Inhibit Gliomagenesis. <i>Journal of Biological Chemistry</i> , 2007, 282, 6854-6862.	3.4	116
30	Plastic and Neuroprotective Mechanisms Involved in the Therapeutic Effects of Cannabidiol in Psychiatric Disorders. <i>Frontiers in Pharmacology</i> , 2017, 8, 269.	3.5	116
31	Ceramide: a new second messenger of cannabinoid action. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 19-22.	8.7	115
32	Mechanisms of Control of Neuron Survival by the Endocannabinoid System. <i>Current Pharmaceutical Design</i> , 2008, 14, 2279-2288.	1.9	113
33	The CB1 cannabinoid receptor signals striatal neuroprotection via a PI3K/Akt/mTORC1/BDNF pathway. <i>Cell Death and Differentiation</i> , 2015, 22, 1618-1629.	11.2	109
34	The Endocannabinoid System and Neurogenesis in Health and Disease. <i>Neuroscientist</i> , 2007, 13, 109-114.	3.5	107
35	A double-blind, randomized, cross-over, placebo-controlled, pilot trial with Sativex in Huntington's disease. <i>Journal of Neurology</i> , 2016, 263, 1390-1400.	3.6	105
36	The CB <sub>1</sub> Cannabinoid Receptor of Astrocytes Is Coupled to Sphingomyelin Hydrolysis through the Adaptor Protein Fann. <i>Molecular Pharmacology</i> , 2001, 59, 955-959.	2.3	98

#	ARTICLE	IF	CITATIONS
37	The endocannabinoid system and the regulation of neural development: potential implications in psychiatric disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 371-382.	3.2	94
38	Endocannabinoids: A New Family of Lipid Mediators Involved in the Regulation of Neural Cell Development. <i>Current Pharmaceutical Design</i> , 2006, 12, 2319-2325.	1.9	86
39	Cannabinoids and Gliomas. <i>Molecular Neurobiology</i> , 2007, 36, 60-67.	4.0	82
40	The CB <sub>1</sub> Cannabinoid Receptor Drives Corticospinal Motor Neuron Differentiation through the Ctip2/Satb2 Transcriptional Regulation Axis. <i>Journal of Neuroscience</i> , 2012, 32, 16651-16665.	3.6	79
41	Endocannabinoids via CB <sub>1</sub> receptors act as neurogenic niche cues during cortical development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3229-3241.	4.0	76
42	The Stimulation of Ketogenesis by Cannabinoids in Cultured Astrocytes Defines Carnitine Palmitoyltransferase I as a New Ceramide-Activated Enzyme. <i>Journal of Neurochemistry</i> , 2001, 72, 1759-1768.	3.9	72
43	Hypothesis: cannabinoid therapy for the treatment of gliomas?. <i>Neuropharmacology</i> , 2004, 47, 315-323.	4.1	70
44	Cannabinoids and ceramide: Two lipids acting hand-by-hand. <i>Life Sciences</i> , 2005, 77, 1723-1731.	4.3	69
45	Î”-Tetrahydrocannabinol alone and combined with cannabidiol mitigate fear memory through reconsolidation disruption. <i>European Neuropsychopharmacology</i> , 2015, 25, 958-965.	0.7	62
46	VCE-003.2, a novel cannabigerol derivative, enhances neuronal progenitor cell survival and alleviates symptomatology in murine models of Huntingtonâ€™s disease. <i>Scientific Reports</i> , 2016, 6, 29789.	3.3	61
47	Cannabinoid Type-2 Receptor Drives Neurogenesis and Improves Functional Outcome After Stroke. <i>Stroke</i> , 2017, 48, 204-212.	2.0	58
48	R-(+)-[2,3-Dihydro-5-methyl-3-(4-morpholinylmethyl)-pyrrolo-[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone (WIN-2) ameliorates experimental autoimmune encephalomyelitis and induces encephalitogenic T cell apoptosis: Partial involvement of the CB2 receptor. <i>Biochemical Pharmacology</i> , 2006, 72, 1697-1706.	4.4	53
49	Singular Location and Signaling Profile of Adenosine A2A-Cannabinoid CB1 Receptor Heteromers in the Dorsal Striatum. <i>Neuropsychopharmacology</i> , 2018, 43, 964-977.	5.4	52
50	Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. <i>Neuropsychopharmacology</i> , 2020, 45, 877-886.	5.4	51
51	Ceramide-induced translocation of protein kinase C Î¶ in primary cultures of astrocytes. <i>FEBS Letters</i> , 1997, 415, 271-274.	2.8	36
52	Induction of nerve growth factor synthesis by sphingomyelinase and ceramide in primary astrocyte cultures. <i>Molecular Brain Research</i> , 1997, 52, 90-97.	2.3	35
53	CB <sub>1</sub> Cannabinoid Receptor-Dependent Activation of mTORC1/Pax6 Signaling Drives Tbr2 Expression and Basal Progenitor Expansion in the Developing Mouse Cortex. <i>Cerebral Cortex</i> , 2015, 25, 2395-2408.	2.9	30
54	Anandamide deficiency and heightened neuropathic pain in aged mice. <i>Neuropharmacology</i> , 2013, 71, 204-215.	4.1	26

#	ARTICLE	IF	CITATIONS
55	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. <i>Cerebral Cortex</i> , 2018, 28, 307-322.	2.9	25
56	Oral administration of the cannabigerol derivative VCE-003.2 promotes subventricular zone neurogenesis and protects against mutant huntingtin-induced neurodegeneration. <i>Translational Neurodegeneration</i> , 2019, 8, 9.	8.0	24
57	Possible therapeutic applications of cannabis in the neuropsychopharmacology field. <i>European Neuropsychopharmacology</i> , 2020, 36, 217-234.	0.7	24
58	Regulation of nerve growth factor secretion and mRNA expression by bacterial lipopolysaccharide in primary cultures of rat astrocytes. , 1997, 49, 569-575.		23
59	Loss of Cannabinoid CB <sub>1</sub> Receptors Induces Cortical Migration Malformations and Increases Seizure Susceptibility. <i>Cerebral Cortex</i> , 2017, 27, 5303-5317.	2.9	23
60	MicroRNA let-7d is a target of cannabinoid CB 1 receptor and controls cannabinoid signaling. <i>Neuropharmacology</i> , 2016, 108, 345-352.	4.1	23
61	Î <sup>9</sup> -Tetrahydrocannabinol promotes oligodendrocyte development and CNS myelination in vivo. <i>Glia</i> , 2021, 69, 532-545.	4.9	21
62	Cannabinoids, Neurogenesis and Antidepressant Drugs: Is there a Link?. <i>Current Neuropharmacology</i> , 2013, 11, 263-275.	2.9	20
63	Cannabinoid signalling in the immature brain: Encephalopathies and neurodevelopmental disorders. <i>Biochemical Pharmacology</i> , 2018, 157, 85-96.	4.4	16
64	Phosphatidylcholine-phospholipase C mediates the induction of nerve growth factor in cultured glial cells. <i>FEBS Letters</i> , 1995, 364, 301-304.	2.8	15
65	Astroglial monoacylglycerol lipase controls mutant huntingtin-induced damage of striatal neurons. <i>Neuropharmacology</i> , 2019, 150, 134-144.	4.1	15
66	Identification of BiP as a CB <sub>1</sub> Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. <i>Journal of Neuroscience</i> , 2021, 41, 7924-7941.	3.6	14
67	cAMP signalling mechanisms with aging in the <i>Ceratitis capitata</i> brain. <i>Mechanisms of Ageing and Development</i> , 1997, 97, 45-53.	4.6	13
68	Adaptations of the Î <sup>2</sup> -adrenoceptor-adenylyl cyclase system in rat skeletal muscle to endurance physical training. <i>Pflugers Archiv European Journal of Physiology</i> , 1997, 434, 809-814.	2.8	13
69	Sustained Gq-Protein Signaling Disrupts Striatal Circuits via JNK. <i>Journal of Neuroscience</i> , 2016, 36, 10611-10624.	3.6	12
70	Î <sup>9</sup> -Tetrahydrocannabinol promotes functional remyelination in the mouse brain. <i>British Journal of Pharmacology</i> , 2021, 178, 4176-4192.	5.4	11
71	Evidence for the Lack of Involvement of Sphingomyelin Hydrolysis in the Tumor Necrosis Factor-Induced Secretion of Nerve Growth Factor in Primary Astrocyte Cultures. <i>Journal of Neurochemistry</i> , 2002, 71, 498-505.	3.9	10
72	Endocannabinoid signalling in stem cells and cerebral organoids drives differentiation to deep layer projection neurons via CB1 receptors. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	9

#	ARTICLE	IF	CITATIONS
73	Contribution of Altered Endocannabinoid System to Overactive mTORC1 Signaling in Focal Cortical Dysplasia. <i>Frontiers in Pharmacology</i> , 2018, 9, 1508.	3.5	8
74	Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. <i>ELife</i> , 2020, 9, .	6.0	7
75	Cannabinoid CB1 receptor gene inactivation in oligodendrocyte precursors disrupts oligodendrogenesis and myelination in mice. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	6
76	Levels and activity of brain protein kinase C $\delta$ and $\eta$ during the aging of the medfly. <i>Mechanisms of Ageing and Development</i> , 1996, 92, 21-29.	4.6	5
77	Addition of phosphatidylcholine-phospholipase C induces cellular redistribution and phosphorylation of protein kinase C $\delta$ in C 6 glial cells. <i>Neuroscience Letters</i> , 1996, 219, 68-70.	2.1	5
78	Cannabinoids as Regulators of Neural Development and Adult Neurogenesis. <i>Pancreatic Islet Biology</i> , 2017,, 117-136.	0.3	4
79	Cannabis, endocannabinoids and neurodevelopment. , 2011, , 66-81.		2
80	Signaling at zero g: a comment. <i>Trends in Biochemical Sciences</i> , 2001, 26, 533.	7.5	1
81	Cannabinoid-induced motor dysfunction via autophagy inhibition. <i>Autophagy</i> , 2020, 16, 2289-2291.	9.1	1
82	Targeting Cannabinoid Receptors in Brain Tumors. , 2008, , 361-374.		1
83	Ceramide Signaling in Cannabinoid Action. <i>Molecular Biology Intelligence Unit</i> , 2002, , 125-132.	0.2	0