

Manuel Guzmán

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180
papers

15,365
citations

73
h-index

121
g-index

185
ext. papers

17,055
ext. citations

7.3
avg, IF

6.27
L-index

#	Paper	IF	Citations
180	Prevention of Alzheimer β disease pathology by cannabinoids: neuroprotection mediated by blockade of microglial activation. <i>Journal of Neuroscience</i> , 2005 , 25, 1904-13	6.6	567
179	Anti-tumoral action of cannabinoids: involvement of sustained ceramide accumulation and extracellular signal-regulated kinase activation. <i>Nature Medicine</i> , 2000 , 6, 313-9	50.5	534
178	Cannabinoids: potential anticancer agents. <i>Nature Reviews Cancer</i> , 2003 , 3, 745-55	31.3	513
177	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1359-72	15.9	500
176	Leptin induces mitochondrial superoxide production and monocyte chemoattractant protein-1 expression in aortic endothelial cells by increasing fatty acid oxidation via protein kinase A. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25096-100	5.4	446
175	Cannabinoid CB2 receptor: a new target for controlling neural cell survival?. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 39-45	13.2	292
174	The emerging functions of endocannabinoid signaling during CNS development. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 83-92	13.2	289
173	Microglial CB2 cannabinoid receptors are neuroprotective in Huntington β disease excitotoxicity. <i>Brain</i> , 2009 , 132, 3152-64	11.2	275
172	Inhibition of skin tumor growth and angiogenesis in vivo by activation of cannabinoid receptors. <i>Journal of Clinical Investigation</i> , 2003 , 111, 43-50	15.9	270
171	The endocannabinoid system drives neural progenitor proliferation. <i>FASEB Journal</i> , 2005 , 19, 1704-6	0.9	257
170	Cannabinoids induce apoptosis of pancreatic tumor cells via endoplasmic reticulum stress-related genes. <i>Cancer Research</i> , 2006 , 66, 6748-55	10.1	250
169	The stress-regulated protein p8 mediates cannabinoid-induced apoptosis of tumor cells. <i>Cancer Cell</i> , 2006 , 9, 301-12	24.3	245
168	Oleylethanolamide stimulates lipolysis by activating the nuclear receptor peroxisome proliferator-activated receptor alpha (PPAR-alpha). <i>Journal of Biological Chemistry</i> , 2004 , 279, 27849-54	5.4	242
167	Towards the use of cannabinoids as antitumour agents. <i>Nature Reviews Cancer</i> , 2012 , 12, 436-44	31.3	235
166	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, 8760-5	11.5	217
165	Delta9-tetrahydrocannabinol induces apoptosis in C6 glioma cells. <i>FEBS Letters</i> , 1998 , 436, 6-10	3.8	216
164	Cannabinoid receptors as novel targets for the treatment of melanoma. <i>FASEB Journal</i> , 2006 , 20, 2633-50	0.9	203

163	Inhibition of tumor angiogenesis by cannabinoids. <i>FASEB Journal</i> , 2003 , 17, 529-31	0.9	198
162	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. <i>Biochemical Journal</i> , 2000 , 347, 369-373	3.8	197
161	Programming of neural cells by (endo)cannabinoids: from physiological rules to emerging therapies. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 786-801	13.5	190
160	The endocannabinoid system promotes astroglial differentiation by acting on neural progenitor cells. <i>Journal of Neuroscience</i> , 2006 , 26, 1551-61	6.6	187
159	A combined preclinical therapy of cannabinoids and temozolomide against glioma. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 90-103	6.1	185
158	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, 46645-50	5.4	183
157	Cannabinoids inhibit the vascular endothelial growth factor pathway in gliomas. <i>Cancer Research</i> , 2004 , 64, 5617-23	10.1	180
156	Control of the cell survival/death decision by cannabinoids. <i>Journal of Molecular Medicine</i> , 2001 , 78, 613-25	3.5	179
155	Non-psychoactive CB2 cannabinoid agonists stimulate neural progenitor proliferation. <i>FASEB Journal</i> , 2006 , 20, 2405-7	0.9	178
154	The endocannabinoid system controls food intake via olfactory processes. <i>Nature Neuroscience</i> , 2014 , 17, 407-15	25.5	172
153	Cannabinoid receptor signaling in progenitor/stem cell proliferation and differentiation. <i>Progress in Lipid Research</i> , 2013 , 52, 633-50	14.3	172
152	The CB(1) cannabinoid receptor is coupled to the activation of c-Jun N-terminal kinase. <i>Molecular Pharmacology</i> , 2000 , 58, 814-20	4.3	172
151	Involvement of sphingomyelin hydrolysis and the mitogen-activated protein kinase cascade in the Delta9-tetrahydrocannabinol-induced stimulation of glucose metabolism in primary astrocytes. <i>Molecular Pharmacology</i> , 1998 , 54, 834-43	4.3	171
150	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, 1407-19	5.8	168
149	Delta9-tetrahydrocannabinol inhibits cell cycle progression in human breast cancer cells through Cdc2 regulation. <i>Cancer Research</i> , 2006 , 66, 6615-21	10.1	159
148	Mechanism of extracellular signal-regulated kinase activation by the CB(1) cannabinoid receptor. <i>Molecular Pharmacology</i> , 2002 , 62, 1385-92	4.3	156
147	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntington's disease. <i>Brain</i> , 2011 , 134, 119-36	11.2	154
146	Adenosine monophosphate-activated protein kinase mediates the protective effects of ischemic preconditioning on hepatic ischemia-reperfusion injury in the rat. <i>Hepatology</i> , 2001 , 34, 1164-73	11.2	144

145	Is there an astrocyte-neuron ketone body shuttle?. <i>Trends in Endocrinology and Metabolism</i> , 2001 , 12, 169-73	8.8	142
144	De novo-synthesized ceramide signals apoptosis in astrocytes via extracellular signal-regulated kinase. <i>FASEB Journal</i> , 2000 , 14, 2315-22	0.9	136
143	The AMP-activated protein kinase prevents ceramide synthesis de novo and apoptosis in astrocytes. <i>FEBS Letters</i> , 2001 , 489, 149-53	3.8	135
142	A pathogenic mechanism in Huntington's disease involves small CAG-repeated RNAs with neurotoxic activity. <i>PLoS Genetics</i> , 2012 , 8, e1002481	6	130
141	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. <i>Biochemical Journal</i> , 2000 , 347, 369-73	3.8	130
140	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, 235-40	3.8	130
139	Influence of atrial fibrillation on the morbidity-mortality of patients on hemodialysis. <i>American Heart Journal</i> , 2000 , 140, 886-90	4.9	126
138	Cannabinoids and cell fate 2002 , 95, 175-84		125
137	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. <i>Biochemical Journal</i> , 2002 , 363, 183-188	3.8	125
136	Cannabinoids inhibit glioma cell invasion by down-regulating matrix metalloproteinase-2 expression. <i>Cancer Research</i> , 2008 , 68, 1945-52	10.1	124
135	The CB(2) cannabinoid receptor controls myeloid progenitor trafficking: involvement in the pathogenesis of an animal model of multiple sclerosis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 13320-9	5.4	124
134	Cannabinoids protect astrocytes from ceramide-induced apoptosis through the phosphatidylinositol 3-kinase/protein kinase B pathway. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36527-33	5.4	124
133	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. <i>Biochemical Journal</i> , 2002 , 363, 183-8	3.8	120
132	Cannabinoids reduce ErbB2-driven breast cancer progression through Akt inhibition. <i>Molecular Cancer</i> , 2010 , 9, 196	42.1	119
131	CB2 cannabinoid receptors promote neural progenitor cell proliferation via mTORC1 signaling. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1198-209	5.4	115
130	The CB1 cannabinoid receptor mediates excitotoxicity-induced neural progenitor proliferation and neurogenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23892-8	5.4	115
129	Inhibition of skin tumor growth and angiogenesis in vivo by activation of cannabinoid receptors. <i>Journal of Clinical Investigation</i> , 2003 , 111, 43-50	15.9	114
128	A restricted population of CB1 cannabinoid receptors with neuroprotective activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8257-62	11.5	113

127	Control of hepatic fatty acid oxidation by 5PAMP-activated protein kinase involves a malonyl-CoA-dependent and a malonyl-CoA-independent mechanism. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 337, 169-75	4.1	102
126	Ketone body synthesis in the brain: possible neuroprotective effects. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004 , 70, 287-92	2.8	102
125	Mechanisms of control of neuron survival by the endocannabinoid system. <i>Current Pharmaceutical Design</i> , 2008 , 14, 2279-88	3.3	100
124	Comparison of prognostic value of atrial fibrillation versus sinus rhythm in patients on long-term hemodialysis. <i>American Journal of Cardiology</i> , 2003 , 92, 868-71	3	100
123	The AMP-activated protein kinase is involved in the regulation of ketone body production by astrocytes. <i>Journal of Neurochemistry</i> , 1999 , 73, 1674-82	6	94
122	Cannabinoids induce glioma stem-like cell differentiation and inhibit gliomagenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 6854-62	5.4	92
121	Ceramide: a new second messenger of cannabinoid action. <i>Trends in Pharmacological Sciences</i> , 2001 , 22, 19-22	13.2	92
120	The CB(1) cannabinoid receptor of astrocytes is coupled to sphingomyelin hydrolysis through the adaptor protein fan. <i>Molecular Pharmacology</i> , 2001 , 59, 955-9	4.3	88
119	Prenatal exposure to cannabinoids evokes long-lasting functional alterations by targeting CB1 receptors on developing cortical neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13693-8	11.5	85
118	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. <i>Autophagy</i> , 2016 , 12, 2213-2229	10.2	85
117	Regulation of fatty acid oxidation in mammalian liver. <i>Lipids and Lipid Metabolism</i> , 1993 , 1167, 227-41		85
116	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB1 receptor blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4786-91	11.5	84
115	The endocannabinoid system and neurogenesis in health and disease. <i>Neuroscientist</i> , 2007 , 13, 109-14	7.6	83
114	Prospects for cannabinoid therapies in basal ganglia disorders. <i>British Journal of Pharmacology</i> , 2011 , 163, 1365-78	8.6	81
113	A double-blind, randomized, cross-over, placebo-controlled, pilot trial with Sativex in Huntington's disease. <i>Journal of Neurology</i> , 2016 , 263, 1390-400	5.5	77
112	Appraising the "entourage effect": Antitumor action of a pure cannabinoid versus a botanical drug preparation in preclinical models of breast cancer. <i>Biochemical Pharmacology</i> , 2018 , 157, 285-293	6	76
111	Targeting CB2-GPR55 receptor heteromers modulates cancer cell signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 21960-72	5.4	74
110	Cannabinoids: a new hope for breast cancer therapy?. <i>Cancer Treatment Reviews</i> , 2012 , 38, 911-8	14.4	74

109	Endocannabinoids: a new family of lipid mediators involved in the regulation of neural cell development. <i>Current Pharmaceutical Design</i> , 2006 , 12, 2319-25	3.3	74
108	Natural cannabinoids improve dopamine neurotransmission and tau and amyloid pathology in a mouse model of tauopathy. <i>Journal of Alzheimer's Disease</i> , 2013 , 35, 525-39	4.3	73
107	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, 371-82	5.1	71
106	Role of cannabinoid receptor CB2 in HER2 pro-oncogenic signaling in breast cancer. <i>Journal of the National Cancer Institute</i> , 2015 , 107, djv077	9.7	69
105	Cannabinoids and gliomas. <i>Molecular Neurobiology</i> , 2007 , 36, 60-7	6.2	69
104	Role of carnitine palmitoyltransferase I in the control of ketogenesis in primary cultures of rat astrocytes. <i>Journal of Neurochemistry</i> , 1998 , 71, 1597-606	6	69
103	The CB(1) cannabinoid receptor drives corticospinal motor neuron differentiation through the Ctip2/Satb2 transcriptional regulation axis. <i>Journal of Neuroscience</i> , 2012 , 32, 16651-65	6.6	68
102	Glucose metabolism links astroglial mitochondria to cannabinoid effects. <i>Nature</i> , 2020 , 583, 603-608	50.4	66
101	Early social enrichment rescues adult behavioral and brain abnormalities in a mouse model of fragile X syndrome. <i>Neuropsychopharmacology</i> , 2015 , 40, 1113-22	8.7	65
100	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. <i>Experimental Cell Research</i> , 2006 , 312, 2121-31	4.2	65
99	Hypothesis: cannabinoid therapy for the treatment of gliomas?. <i>Neuropharmacology</i> , 2004 , 47, 315-23	5.5	64
98	Endocannabinoids via CB1 receptors act as neurogenic niche cues during cortical development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 3229-41	5.8	61
97	p38 MAPK is involved in CB2 receptor-induced apoptosis of human leukaemia cells. <i>FEBS Letters</i> , 2005 , 579, 5084-8	3.8	61
96	Ought dialysis patients with atrial fibrillation be treated with oral anticoagulants?. <i>International Journal of Cardiology</i> , 2003 , 87, 135-9; discussion 139-41	3.2	61
95	Endocannabinoid Actions on Cortical Terminals Orchestrate Local Modulation of Dopamine Release in the Nucleus Accumbens. <i>Neuron</i> , 2017 , 96, 1112-1126.e5	13.9	59
94	TRB3 links ER stress to autophagy in cannabinoid anti-tumoral action. <i>Autophagy</i> , 2009 , 5, 1048-9	10.2	59
93	Cannabinoids and ceramide: two lipids acting hand-by-hand. <i>Life Sciences</i> , 2005 , 77, 1723-31	6.8	59
92	A cannabinoid quinone inhibits angiogenesis by targeting vascular endothelial cells. <i>Molecular Pharmacology</i> , 2006 , 70, 51-9	4.3	59

91	The stimulation of ketogenesis by cannabinoids in cultured astrocytes defines carnitine palmitoyltransferase I as a new ceramide-activated enzyme. <i>Journal of Neurochemistry</i> , 1999 , 72, 1759-68	6	55
90	Effects of cannabinoids on energy metabolism. <i>Life Sciences</i> , 1999 , 65, 657-64	6.8	49
89	Targeting Glioma Initiating Cells with A combined therapy of cannabinoids and temozolomide. <i>Biochemical Pharmacology</i> , 2018 , 157, 266-274	6	49
88	Ceramide sensitizes astrocytes to oxidative stress: protective role of cannabinoids. <i>Biochemical Journal</i> , 2004 , 380, 435-40	3.8	45
87	Effects of ethanol feeding on hepatic lipid synthesis. <i>Archives of Biochemistry and Biophysics</i> , 1988 , 267, 568-79	4.1	45
86	Cannabinoid Type-2 Receptor Drives Neurogenesis and Improves Functional Outcome After Stroke. <i>Stroke</i> , 2017 , 48, 204-212	6.7	43
85	Endocannabinoids and cannabinoid analogues block cardiac hKv1.5 channels in a cannabinoid receptor-independent manner. <i>Cardiovascular Research</i> , 2010 , 85, 56-67	9.9	42
84	Short-term regulation of carnitine palmitoyltransferase activity in isolated rat hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 151, 781-7	3.4	41
83	The pseudokinase tribbles homologue-3 plays a crucial role in cannabinoid anticancer action. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1573-8	5	39
82	Singular Location and Signaling Profile of Adenosine A-Cannabinoid CB Receptor Heteromers in the Dorsal Striatum. <i>Neuropsychopharmacology</i> , 2018 , 43, 964-977	8.7	38
81	Cannabinoid receptor 1 is a potential drug target for treatment of translocation-positive rhabdomyosarcoma. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 1838-45	6.1	38
80	Amphiregulin is a factor for resistance of glioma cells to cannabinoid-induced apoptosis. <i>Glia</i> , 2009 , 57, 1374-85	9	34
79	Endocannabinoids and Cancer. <i>Handbook of Experimental Pharmacology</i> , 2015 , 231, 449-72	3.2	33
78	Evidence that the AMP-activated protein kinase stimulates rat liver carnitine palmitoyltransferase I by phosphorylating cytoskeletal components. <i>FEBS Letters</i> , 1998 , 439, 317-20	3.8	33
77	Optimization of a preclinical therapy of cannabinoids in combination with temozolomide against glioma. <i>Biochemical Pharmacology</i> , 2018 , 157, 275-284	6	31
76	Zonal heterogeneity of the effects of chronic ethanol feeding on hepatic fatty acid metabolism. <i>Hepatology</i> , 1990 , 12, 1098-105	11.2	31
75	Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. <i>Oncotarget</i> , 2016 , 7, 47565-47575	3.3	31
74	Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. <i>Neuropsychopharmacology</i> , 2020 , 45, 877-886	8.7	30

73	Delta9-tetrahydrocannabinol stimulates glucose utilization in C6 glioma cells. <i>Brain Research</i> , 1997 , 767, 64-71	3.7	30
72	Down-regulation of tissue inhibitor of metalloproteinases-1 in gliomas: a new marker of cannabinoid antitumoral activity?. <i>Neuropharmacology</i> , 2008 , 54, 235-43	5.5	30
71	Interleukin 12 (IL12B) and interleukin 12 receptor (IL12RB1) gene polymorphisms in rheumatoid arthritis. <i>Human Immunology</i> , 2005 , 66, 710-5	2.3	30
70	Predictors and prognostic value of myocardial injury following stent implantation. <i>International Journal of Cardiology</i> , 2004 , 97, 193-8	3.2	30
69	Malonyl-CoA-independent acute control of hepatic carnitine palmitoyltransferase I activity. Role of Ca ²⁺ /calmodulin-dependent protein kinase II and cytoskeletal components. <i>Journal of Biological Chemistry</i> , 1998 , 273, 21497-504	5.4	29
68	Design and characterization of an ocular topical liposomal preparation to replenish the lipids of the tear film. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 7839-47		28
67	Association between adiposity indices and cardiometabolic risk factors among adults living in Puerto Rico. <i>Public Health Nutrition</i> , 2011 , 14, 1714-23	3.3	28
66	Therapeutic targeting of HER2-CBR heteromers in HER2-positive breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3863-3872	11.5	27
65	Cold exposure stimulates synthesis of the bioactive lipid oleoylethanolamide in rat adipose tissue. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22815-8	5.4	27
64	Treatment with anabolic steroids increases the activity of the mitochondrial outer carnitine palmitoyltransferase in rat liver and fast-twitch muscle. <i>Biochemical Pharmacology</i> , 1991 , 41, 833-5	6	25
63	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. <i>Autophagy</i> , 2011 , 7, 1071-3	10.2	24
62	Drug-eluting vs. conventional balloon for side branch dilation in coronary bifurcations treated by provisional T stenting. <i>Journal of Interventional Cardiology</i> , 2013 , 26, 454-62	1.8	22
61	Metabolism of trans fatty acids by hepatocytes. <i>Lipids</i> , 1999 , 34, 381-6	1.6	22
60	Studies on the intracellular localization of acetyl-CoA carboxylase. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 233, 253-7	3.4	21
59	Neurons on cannabinoids: dead or alive?. <i>British Journal of Pharmacology</i> , 2003 , 140, 439-40	8.6	21
58	High Prevalence of Diabetes and Prediabetes and Their Coexistence with Cardiovascular Risk Factors in a Hispanic Community. <i>Journal of Immigrant and Minority Health</i> , 2015 , 17, 1002-9	2.2	20
57	CB1 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, 2395-408	5.1	20
56	Detecting autophagy in response to ER stress signals in cancer. <i>Methods in Enzymology</i> , 2011 , 489, 297-317		20

55	Effects of ethanol feeding on the activity and regulation of hepatic carnitine palmitoyltransferase I. <i>Archives of Biochemistry and Biophysics</i> , 1988 , 267, 580-8	4.1	20
54	Chronic cannabinoid receptor stimulation selectively prevents motor impairments in a mouse model of Huntington's disease. <i>Neuropharmacology</i> , 2015 , 89, 368-74	5.5	19
53	Are cytoskeletal components involved in the control of hepatic carnitine palmitoyltransferase I activity?. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 224, 754-9	3.4	19
52	Inhibition of carnitine palmitoyltransferase I by hepatocyte swelling. <i>FEBS Letters</i> , 1994 , 344, 239-41	3.8	19
51	Okadaic acid stimulates carnitine palmitoyltransferase I activity and palmitate oxidation in isolated rat hepatocytes. <i>FEBS Letters</i> , 1991 , 291, 105-8	3.8	19
50	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. <i>Cerebral Cortex</i> , 2018 , 28, 307-322	5.1	18
49	Association of cigarette smoking and metabolic syndrome in a Puerto Rican adult population. <i>Journal of Immigrant and Minority Health</i> , 2013 , 15, 810-6	2.2	18
48	Effects of endurance exercise on carnitine palmitoyltransferase I from rat heart, skeletal muscle and liver mitochondria. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 562-5		18
47	MicroRNA let-7d is a target of cannabinoid CB1 receptor and controls cannabinoid signaling. <i>Neuropharmacology</i> , 2016 , 108, 345-52	5.5	17
46	Do cytoskeletal components control fatty acid translocation into liver mitochondria?. <i>Trends in Endocrinology and Metabolism</i> , 2000 , 11, 49-53	8.8	17
45	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	10.3	16
44	Possible therapeutic applications of cannabis in the neuropsychopharmacology field. <i>European Neuropsychopharmacology</i> , 2020 , 36, 217-234	1.2	16
43	Involvement of Ca ²⁺ /calmodulin-dependent protein kinase II in the activation of carnitine palmitoyltransferase I by okadaic acid in rat hepatocytes. <i>Biochemical Journal</i> , 1997 , 321 (Pt 1), 211-6	3.8	16
42	p8 Upregulation sensitizes astrocytes to oxidative stress. <i>FEBS Letters</i> , 2006 , 580, 1571-5	3.8	16
41	Effects of lovastatin on hepatic fatty acid metabolism. <i>Lipids</i> , 1993 , 28, 1087-93	1.6	16
40	Effects of anandamide on hepatic fatty acid metabolism. <i>Biochemical Pharmacology</i> , 1995 , 50, 885-8	6	15
39	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e980134	1.2	15
38	Loss of Cannabinoid CB1 Receptors Induces Cortical Migration Malformations and Increases Seizure Susceptibility. <i>Cerebral Cortex</i> , 2017 , 27, 5303-5317	5.1	15

37	Alterations in the regulatory properties of hepatic fatty acid oxidation and carnitine palmitoyltransferase I activity after ethanol feeding and withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 1990 , 14, 472-7	3-7	14
36	Simultaneous stimulation of fatty acid synthesis and oxidation in rat hepatocytes by vanadate. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 283, 90-5	4-1	14
35	Properties of the mitochondrial membrane and carnitine palmitoyltransferase in the periportal and the perivenous zone of the liver. Effects of chronic ethanol feeding. <i>Biochemical Pharmacology</i> , 1991 , 41, 1987-95	6	14
34	Novel Nano-Liposome Formulation for Dry Eyes with Components Similar to the Preocular Tear Film. <i>Polymers</i> , 2018 , 10,	4-5	14
33	Comparison of zotarolimus- versus everolimus-eluting stents in the treatment of coronary bifurcation lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2011 , 78, 1086-92	2-7	11
32	Short-term inhibition of carnitine palmitoyltransferase I activity in rat hepatocytes incubated with ethanol. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 154, 682-7	3-4	11
31	Sustained Gq-Protein Signaling Disrupts Striatal Circuits via JNK. <i>Journal of Neuroscience</i> , 2016 , 36, 10616-10624	6-10	11
30	Metabolic stimulation of mouse spleen lymphocytes by low doses of delta9-tetrahydrocannabinol. <i>Life Sciences</i> , 1997 , 60, 1709-17	6-8	10
29	Priority Considerations for Medicinal Cannabis-Related Research. <i>Cannabis and Cannabinoid Research</i> , 2019 , 4, 139-157	4-6	9
28	A new age for MAGL. <i>Chemistry and Biology</i> , 2010 , 17, 4-6		9
27	Ethanol increases the sensitivity of carnitine palmitoyltransferase I to inhibition by malonyl-CoA in short-term hepatocyte incubations. <i>Lipids and Lipid Metabolism</i> , 1989 , 1002, 405-8		8
26	Cannabis for the Management of Cancer Symptoms: THC Version 2.0?. <i>Cannabis and Cannabinoid Research</i> , 2018 , 3, 117-119	4-6	8
25	Effects of physical training on fatty acid metabolism in liver and skeletal muscle of rats fed four different high-carbohydrate diets. <i>Journal of Nutritional Biochemistry</i> , 1996 , 7, 348-355	6-3	7
24	Inhibition of fatty acid amide hydrolase prevents pathology in neurovisceral acid sphingomyelinase deficiency by rescuing defective endocannabinoid signaling. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11776 ¹²		7
23	ΔTetrahydrocannabinol promotes oligodendrocyte development and CNS myelination in vivo. <i>Glia</i> , 2021 , 69, 532-545	9	7
22	Contribution of Altered Endocannabinoid System to Overactive mTORC1 Signaling in Focal Cortical Dysplasia. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1508	5-6	6
21	Astroglial monoacylglycerol lipase controls mutant huntingtin-induced damage of striatal neurons. <i>Neuropharmacology</i> , 2019 , 150, 134-144	5-5	6
20	Endocannabinoid signalling in stem cells and cerebral organoids drives differentiation to deep layer projection neurons via CB receptors. <i>Development (Cambridge)</i> , 2020 , 147,	6-6	6

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