Manuel Guzmn

List of Publications by Year in Descending Order

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	Δ9-Tetrahydrocannabinol promotes oligodendrocyte development and CNS myelination in vivo. *Glia*, **2021**, 69, 532-545	9	7
179	Cannabinoid Cancer Biology and Prevention. *Journal of the National Cancer Institute Monographs*, **2021**, 2021, 99-106	4.8	0
178	Identification of BiP as a CB Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. *Journal of Neuroscience*, **2021**, 41, 7924-7941	6.6	0
177	Δ9-Tetrahydrocannabinol promotes functional remyelination in the mouse brain. *British Journal of Pharmacology*, **2021**, 178, 4176-4192	8.6	1
176	Endocannabinoid signalling in stem cells and cerebral organoids drives differentiation to deep layer projection neurons via CB receptors. *Development (Cambridge)*, **2020**, 147,	6.6	6
175	Glucose metabolism links astroglial mitochondria to cannabinoid effects. *Nature*, **2020**, 583, 603-608	50.4	66
174	Possible therapeutic applications of cannabis in the neuropsychopharmacology field. *European Neuropsychopharmacology*, **2020**, 36, 217-234	1.2	16
173	Can Cannabis Cure Cancer?. *JAMA Oncology*, **2020**, 6, 323-324	13.4	3
172	Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. *Neuropsychopharmacology*, **2020**, 45, 877-886	8.7	30
171	Inhibition of fatty acid amide hydrolase prevents pathology in neurovisceral acid sphingomyelinase deficiency by rescuing defective endocannabinoid signaling. *EMBO Molecular Medicine*, **2020**, 12, e11776	12	7
170	Inhibition of striatonigral autophagy as a link between cannabinoid intoxication and impairment of motor coordination. *ELife*, **2020**, 9,	8.9	4
169	Cannabinoid-induced motor dysfunction autophagy inhibition. *Autophagy*, **2020**, 16, 2289-2291	10.2	1
168	Priority Considerations for Medicinal Cannabis-Related Research. *Cannabis and Cannabinoid Research*, **2019**, 4, 139-157	4.6	9
167	Oral administration of the cannabigerol derivative VCE-003.2 promotes subventricular zone neurogenesis and protects against mutant huntingtin-induced neurodegeneration. *Translational Neurodegeneration*, **2019**, 8, 9	10.3	16
166	Astroglial monoacylglycerol lipase controls mutant huntingtin-induced damage of striatal neurons. *Neuropharmacology*, **2019**, 150, 134-144	5.5	6
165	Therapeutic targeting of HER2-CBR heteromers in HER2-positive breast cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 3863-3872	11.5	27
164	Contribution of Altered Endocannabinoid System to Overactive mTORC1 Signaling in Focal Cortical Dysplasia. *Frontiers in Pharmacology*, **2018**, 9, 1508	5.6	6

163	Pathway-Specific Control of Striatal Neuron Vulnerability by Corticostriatal Cannabinoid CB1 Receptors. *Cerebral Cortex*, **2018**, 28, 307-322	5.1	18
162	Singular Location and Signaling Profile of Adenosine A-Cannabinoid CB Receptor Heteromers in the Dorsal Striatum. *Neuropsychopharmacology*, **2018**, 43, 964-977	8.7	38
161	Optimization of a preclinical therapy of cannabinoids in combination with temozolomide against glioma. *Biochemical Pharmacology*, **2018**, 157, 275-284	6	31
160	GEINO 1402: A phase Ib dose-escalation study followed by an extension phase to evaluate safety and efficacy of crizotonib in combination with temozolomide (TMZ) and radiotherapy (RT) in patients with newly diagnosed glioblastoma (GB): Results of the dose-escalation phase.. *Journal of Clinical Oncology*, **2018**, 36, 2054-2054	2.2	1
159	Targeting Glioma Initiating Cells with A combined therapy of cannabinoids and temozolomide. *Biochemical Pharmacology*, **2018**, 157, 266-274	6	49
158	Novel Nano-Liposome Formulation for Dry Eyes with Components Similar to the Preocular Tear Film. *Polymers*, **2018**, 10,	4.5	14
157	Cannabis for the Management of Cancer Symptoms: THC Version 2.0?. *Cannabis and Cannabinoid Research*, **2018**, 3, 117-119	4.6	8
156	Appraising the "entourage effect": Antitumor action of a pure cannabinoid versus a botanical drug preparation in preclinical models of breast cancer. *Biochemical Pharmacology*, **2018**, 157, 285-293	6	76
155	Cannabinoid Type-2 Receptor Drives Neurogenesis and Improves Functional Outcome After Stroke. *Stroke*, **2017**, 48, 204-212	6.7	43
154	Endocannabinoid Actions on Cortical Terminals Orchestrate Local Modulation of Dopamine Release in the Nucleus Accumbens. *Neuron*, **2017**, 96, 1112-1126.e5	13.9	59
153	Loss of Cannabinoid CB1 Receptors Induces Cortical Migration Malformations and Increases Seizure Susceptibility. *Cerebral Cortex*, **2017**, 27, 5303-5317	5.1	15
152	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. *Autophagy*, **2016**, 12, 2213-2229	10.2	85
151	MicroRNA let-7d is a target of cannabinoid CB1 receptor and controls cannabinoid signaling. *Neuropharmacology*, **2016**, 108, 345-52	5.5	17
150	Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. *Oncotarget*, **2016**, 7, 47565-47575	3.3	31
149	A double-blind, randomized, cross-over, placebo-controlled, pilot trial with Sativex in Huntington disease. *Journal of Neurology*, **2016**, 263, 1390-400	5.5	77
148	Sustained Gq-Protein Signaling Disrupts Striatal Circuits via JNK. *Journal of Neuroscience*, **2016**, 36, 10616-10624	6.4	41
147	Role of cannabinoid receptor CB2 in HER2 pro-oncogenic signaling in breast cancer. *Journal of the National Cancer Institute*, **2015**, 107, djv077	9.7	69
146	Endocannabinoids and Cancer. *Handbook of Experimental Pharmacology*, **2015**, 231, 449-72	3.2	33

145	Prenatal exposure to cannabinoids evokes long-lasting functional alterations by targeting CB1 receptors on developing cortical neurons. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 13693-8	11.5	85
144	High Prevalence of Diabetes and Prediabetes and Their Coexistence with Cardiovascular Risk Factors in a Hispanic Community. *Journal of Immigrant and Minority Health*, **2015**, 17, 1002-9	2.2	20
143	CB1 Cannabinoid Receptor-Dependent Activation of mTORC1/Pax6 Signaling Drives Tbr2 Expression and Basal Progenitor Expansion in the Developing Mouse Cortex. *Cerebral Cortex*, **2015**, 25, 2395-408	5.1	20
142	Early social enrichment rescues adult behavioral and brain abnormalities in a mouse model of fragile X syndrome. *Neuropsychopharmacology*, **2015**, 40, 1113-22	8.7	65
141	Chronic cannabinoid receptor stimulation selectively prevents motor impairments in a mouse model of Huntington's disease. *Neuropharmacology*, **2015**, 89, 368-74	5.5	19
140	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. *Molecular and Cellular Oncology*, **2015**, 2, e980134	1.2	15
139	Cannabinoids **2015**, 1-5		
138	The endocannabinoid system controls food intake via olfactory processes. *Nature Neuroscience*, **2014**, 17, 407-15	25.5	172
137	Programming of neural cells by (endo)cannabinoids: from physiological rules to emerging therapies. *Nature Reviews Neuroscience*, **2014**, 15, 786-801	13.5	190
136	Design and characterization of an ocular topical liposomal preparation to replenish the lipids of the tear film. *Investigative Ophthalmology and Visual Science*, **2014**, 55, 7839-47		28
135	Targeting CB2-GPR55 receptor heteromers modulates cancer cell signaling. *Journal of Biological Chemistry*, **2014**, 289, 21960-72	5.4	74
134	A restricted population of CB1 cannabinoid receptors with neuroprotective activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8257-62	11.5	113
133	Tocilizumab in patients with active rheumatoid arthritis and inadequate response to disease-modifying antirheumatic drugs or tumor necrosis factor inhibitors: subanalysis of Spanish results of an open-label study close to clinical practice. *Reumatología Clínica*, **2014**, 10, 94-100	0.9	5
132	Association of cigarette smoking and metabolic syndrome in a Puerto Rican adult population. *Journal of Immigrant and Minority Health*, **2013**, 15, 810-6	2.2	18
131	Cannabinoid receptor signaling in progenitor/stem cell proliferation and differentiation. *Progress in Lipid Research*, **2013**, 52, 633-50	14.3	172
130	The anxiolytic effect of cannabidiol on chronically stressed mice depends on hippocampal neurogenesis: involvement of the endocannabinoid system. *International Journal of Neuropsychopharmacology*, **2013**, 16, 1407-19	5.8	168
129	The pseudokinase tribbles homologue-3 plays a crucial role in cannabinoid anticancer action. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 1573-8	5	39
128	Drug-eluting vs. conventional balloon for side branch dilation in coronary bifurcations treated by provisional T stenting. *Journal of Interventional Cardiology*, **2013**, 26, 454-62	1.8	22

127	Activation of the sympathetic nervous system mediates hypophagic and anxiety-like effects of CB receptor blockade. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4786-91	11.5	84
126	Natural cannabinoids improve dopamine neurotransmission and tau and amyloid pathology in a mouse model of tauopathy. *Journal of Alzheimer's Disease*, **2013**, 35, 525-39	4.3	73
125	The Role of GPR55 in Cancer **2013**, 115-133		1
124	Cannabinoids: a new hope for breast cancer therapy?. *Cancer Treatment Reviews*, **2012**, 38, 911-8	14.4	74
123	The CB(1) cannabinoid receptor drives corticospinal motor neuron differentiation through the Ctip2/Satb2 transcriptional regulation axis. *Journal of Neuroscience*, **2012**, 32, 16651-65	6.6	68
122	CB2 cannabinoid receptors promote neural progenitor cell proliferation via mTORC1 signaling. *Journal of Biological Chemistry*, **2012**, 287, 1198-209	5.4	115
121	Towards the use of cannabinoids as antitumour agents. *Nature Reviews Cancer*, **2012**, 12, 436-44	31.3	235
120	A pathogenic mechanism in Huntington's disease involves small CAG-repeated RNAs with neurotoxic activity. *PLoS Genetics*, **2012**, 8, e1002481	6	130
119	Endocannabinoids via CB receptors act as neurogenic niche cues during cortical development. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2012**, 367, 3229-41	5.8	61
118	A combined preclinical therapy of cannabinoids and temozolomide against glioma. *Molecular Cancer Therapeutics*, **2011**, 10, 90-103	6.1	185
117	Prospects for cannabinoid therapies in basal ganglia disorders. *British Journal of Pharmacology*, **2011**, 163, 1365-78	8.6	81
116	Comparison of zotarolimus- versus everolimus-eluting stents in the treatment of coronary bifurcation lesions. *Catheterization and Cardiovascular Interventions*, **2011**, 78, 1086-92	2.7	11
115	Loss of striatal type 1 cannabinoid receptors is a key pathogenic factor in Huntington's disease. *Brain*, **2011**, 134, 119-36	11.2	154
114	Association between adiposity indices and cardiometabolic risk factors among adults living in Puerto Rico. *Public Health Nutrition*, **2011**, 14, 1714-23	3.3	28
113	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. *Autophagy*, **2011**, 7, 1071-3	10.2	24
112	Detecting autophagy in response to ER stress signals in cancer. *Methods in Enzymology*, **2011**, 489, 297-31	1.7	20
111	Endocannabinoids and cannabinoid analogues block cardiac hKv1.5 channels in a cannabinoid receptor-independent manner. *Cardiovascular Research*, **2010**, 85, 56-67	9.9	42
110	Estudio aleatorizado con abciximab o eptifibatide en angioplastia coronaria compleja. Resultados intrahospitalarios y a 30 días. *Cardiocore*, **2010**, 45, 165-171		

109	Cannabinoids reduce ErbB2-driven breast cancer progression through Akt inhibition. *Molecular Cancer*, **2010**, 9, 196	42.1	119
108	A new age for MAGL. *Chemistry and Biology*, **2010**, 17, 4-6		9
107	TRB3 links ER stress to autophagy in cannabinoid anti-tumoral action. *Autophagy*, **2009**, 5, 1048-9	10.2	59
106	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. *Journal of Clinical Investigation*, **2009**, 119, 1359-72	15.9	500
105	Cannabinoid receptor 1 is a potential drug target for treatment of translocation-positive rhabdomyosarcoma. *Molecular Cancer Therapeutics*, **2009**, 8, 1838-45	6.1	38
104	Amphiregulin is a factor for resistance of glioma cells to cannabinoid-induced apoptosis. *Glia*, **2009**, 57, 1374-85	9	34
103	The endocannabinoid system and the regulation of neural development: potential implications in psychiatric disorders. *European Archives of Psychiatry and Clinical Neuroscience*, **2009**, 259, 371-82	5.1	71
102	Microglial CB2 cannabinoid receptors are neuroprotective in Huntington's disease excitotoxicity. *Brain*, **2009**, 132, 3152-64	11.2	275
101	Down-regulation of tissue inhibitor of metalloproteinases-1 in gliomas: a new marker of cannabinoid antitumoral activity?. *Neuropharmacology*, **2008**, 54, 235-43	5.5	30
100	Cannabinoids inhibit glioma cell invasion by down-regulating matrix metalloproteinase-2 expression. *Cancer Research*, **2008**, 68, 1945-52	10.1	124
99	The CB(2) cannabinoid receptor controls myeloid progenitor trafficking: involvement in the pathogenesis of an animal model of multiple sclerosis. *Journal of Biological Chemistry*, **2008**, 283, 13320-9	5.4	124
98	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 8760-5	11.5	217
97	Mechanisms of control of neuron survival by the endocannabinoid system. *Current Pharmaceutical Design*, **2008**, 14, 2279-88	3.3	100
96	Endocannabinoid Functions in Neurogenesis, Neuronal Migration, and Specification **2008**, 237-256		
95	Targeting Cannabinoid Receptors in Brain Tumors **2008**, 361-374		1
94	The endocannabinoid system and neurogenesis in health and disease. *Neuroscientist*, **2007**, 13, 109-14	7.6	83
93	Cannabinoids and gliomas. *Molecular Neurobiology*, **2007**, 36, 60-7	6.2	69
92	Preface: cannabinoids as new tools for the treatment of neurological disorders. *Molecular Neurobiology*, **2007**, 36, 1-2	6.2	2

91	The CB1 cannabinoid receptor mediates excitotoxicity-induced neural progenitor proliferation and neurogenesis. *Journal of Biological Chemistry*, **2007**, 282, 23892-8	5.4	115
90	Cannabinoids induce glioma stem-like cell differentiation and inhibit gliomagenesis. *Journal of Biological Chemistry*, **2007**, 282, 6854-62	5.4	92
89	Cannabinoid CB2 receptor: a new target for controlling neural cell survival?. *Trends in Pharmacological Sciences*, **2007**, 28, 39-45	13.2	292
88	The emerging functions of endocannabinoid signaling during CNS development. *Trends in Pharmacological Sciences*, **2007**, 28, 83-92	13.2	289
87	The stress-regulated protein p8 mediates cannabinoid-induced apoptosis of tumor cells. *Cancer Cell* , **2006**, 9, 301-12	24.3	245
86	Endocannabinoids: a new family of lipid mediators involved in the regulation of neural cell development. *Current Pharmaceutical Design*, **2006**, 12, 2319-25	3.3	74
85	Delta9-tetrahydrocannabinol inhibits cell cycle progression in human breast cancer cells through Cdc2 regulation. *Cancer Research*, **2006**, 66, 6615-21	10.1	159
84	Cannabinoids induce apoptosis of pancreatic tumor cells via endoplasmic reticulum stress-related genes. *Cancer Research*, **2006**, 66, 6748-55	10.1	250
83	Non-psychoactive CB2 cannabinoid agonists stimulate neural progenitor proliferation. *FASEB Journal*, **2006**, 20, 2405-7	0.9	178
82	The endocannabinoid system promotes astroglial differentiation by acting on neural progenitor cells. *Journal of Neuroscience*, **2006**, 26, 1551-61	6.6	187
81	Cold exposure stimulates synthesis of the bioactive lipid oleoylethanolamide in rat adipose tissue. *Journal of Biological Chemistry*, **2006**, 281, 22815-8	5.4	27
80	Cannabinoid receptors as novel targets for the treatment of melanoma. *FASEB Journal*, **2006**, 20, 2633-5	0.9	203
79	A cannabinoid quinone inhibits angiogenesis by targeting vascular endothelial cells. *Molecular Pharmacology*, **2006**, 70, 51-9	4.3	59
78	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. *Experimental Cell Research*, **2006**, 312, 2121-31	4.2	65
77	p8 Upregulation sensitizes astrocytes to oxidative stress. *FEBS Letters*, **2006**, 580, 1571-5	3.8	16
76	Prevention of Alzheimer's disease pathology by cannabinoids: neuroprotection mediated by blockade of microglial activation. *Journal of Neuroscience*, **2005**, 25, 1904-13	6.6	567
75	The endocannabinoid system drives neural progenitor proliferation. *FASEB Journal*, **2005**, 19, 1704-6	0.9	257
74	Interleukin 12 (IL12B) and interleukin 12 receptor (IL12RB1) gene polymorphisms in rheumatoid arthritis. *Human Immunology*, **2005**, 66, 710-5	2.3	30

73	Cannabinoids and ceramide: two lipids acting hand-by-hand. *Life Sciences*, **2005**, 77, 1723-31	6.8	59
72	p38 MAPK is involved in CB2 receptor-induced apoptosis of human leukaemia cells. *FEBS Letters*, **2005**, 579, 5084-8	3.8	61
71	Cannabinoids inhibit the vascular endothelial growth factor pathway in gliomas. *Cancer Research*, **2004**, 64, 5617-23	10.1	180
70	Oleoylethanolamide stimulates lipolysis by activating the nuclear receptor peroxisome proliferator-activated receptor alpha (PPAR-alpha). *Journal of Biological Chemistry*, **2004**, 279, 27849-54	5.4	242
69	Ketone body synthesis in the brain: possible neuroprotective effects. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2004**, 70, 287-92	2.8	102
68	Hypothesis: cannabinoid therapy for the treatment of gliomas?. *Neuropharmacology*, **2004**, 47, 315-23	5.5	64
67	Predictors and prognostic value of myocardial injury following stent implantation. *International Journal of Cardiology*, **2004**, 97, 193-8	3.2	30
66	Ceramide sensitizes astrocytes to oxidative stress: protective role of cannabinoids. *Biochemical Journal*, **2004**, 380, 435-40	3.8	45
65	Inhibition of tumor angiogenesis by cannabinoids. *FASEB Journal*, **2003**, 17, 529-31	0.9	198
64	Comparison of prognostic value of atrial fibrillation versus sinus rhythm in patients on long-term hemodialysis. *American Journal of Cardiology*, **2003**, 92, 868-71	3	100
63	Neurons on cannabinoids: dead or alive?. *British Journal of Pharmacology*, **2003**, 140, 439-40	8.6	21
62	Cannabinoids: potential anticancer agents. *Nature Reviews Cancer*, **2003**, 3, 745-55	31.3	513
61	Ought dialysis patients with atrial fibrillation be treated with oral anticoagulants?. *International Journal of Cardiology*, **2003**, 87, 135-9; discussion 139-41	3.2	61
60	Inhibition of skin tumor growth and angiogenesis in vivo by activation of cannabinoid receptors. *Journal of Clinical Investigation*, **2003**, 111, 43-50	15.9	270
59	Inhibition of skin tumor growth and angiogenesis in vivo by activation of cannabinoid receptors. *Journal of Clinical Investigation*, **2003**, 111, 43-50	15.9	114
58	Cannabinoids and cell fate **2002**, 95, 175-84		125
57	The endocannabinoid anandamide inhibits neuronal progenitor cell differentiation through attenuation of the Rap1/B-Raf/ERK pathway. *Journal of Biological Chemistry*, **2002**, 277, 46645-50	5.4	183
56	Mechanism of extracellular signal-regulated kinase activation by the CB(1) cannabinoid receptor. *Molecular Pharmacology*, **2002**, 62, 1385-92	4.3	156

55	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. *Biochemical Journal*, **2002**, 363, 183-8	3.8	120
54	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. *Biochemical Journal*, **2002**, 363, 183-188	3.8	125
53	Cannabinoids protect astrocytes from ceramide-induced apoptosis through the phosphatidylinositol 3-kinase/protein kinase B pathway. *Journal of Biological Chemistry*, **2002**, 277, 36527-33	5.4	124
52	Ceramide Signaling in Cannabinoid Action. *Molecular Biology Intelligence Unit*, **2002**, 125-132		
51	Control of the cell survival/death decision by cannabinoids. *Journal of Molecular Medicine*, **2001**, 78, 613-25	3.5	179
50	Adenosine monophosphate-activated protein kinase mediates the protective effects of ischemic preconditioning on hepatic ischemia-reperfusion injury in the rat. *Hepatology*, **2001**, 34, 1164-73	11.2	144
49	Signaling at zero G: a comment. *Trends in Biochemical Sciences*, **2001**, 26, 533	10.3	1
48	Leptin induces mitochondrial superoxide production and monocyte chemoattractant protein-1 expression in aortic endothelial cells by increasing fatty acid oxidation via protein kinase A. *Journal of Biological Chemistry*, **2001**, 276, 25096-100	5.4	446
47	Ceramide: a new second messenger of cannabinoid action. *Trends in Pharmacological Sciences*, **2001**, 22, 19-22	13.2	92
46	Is there an astrocyte-neuron ketone body shuttle?. *Trends in Endocrinology and Metabolism*, **2001**, 12, 169-73	8.8	142
45	The AMP-activated protein kinase prevents ceramide synthesis de novo and apoptosis in astrocytes. *FEBS Letters*, **2001**, 489, 149-53	3.8	135
44	The CB(1) cannabinoid receptor of astrocytes is coupled to sphingomyelin hydrolysis through the adaptor protein fan. *Molecular Pharmacology*, **2001**, 59, 955-9	4.3	88
43	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. *Biochemical Journal*, **2000**, 347, 369-73	3.8	130
42	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. *Biochemical Journal*, **2000**, 347, 369-373	3.8	197
41	Anti-tumoral action of cannabinoids: involvement of sustained ceramide accumulation and extracellular signal-regulated kinase activation. *Nature Medicine*, **2000**, 6, 313-9	50.5	534
40	The CB(1) cannabinoid receptor is coupled to the activation of c-Jun N-terminal kinase. *Molecular Pharmacology*, **2000**, 58, 814-20	4.3	172
39	De novo-synthesized ceramide signals apoptosis in astrocytes via extracellular signal-regulated kinase. *FASEB Journal*, **2000**, 14, 2315-22	0.9	136
38	Influence of atrial fibrillation on the morbido-mortality of patients on hemodialysis. *American Heart Journal*, **2000**, 140, 886-90	4.9	126

37	Do cytoskeletal components control fatty acid translocation into liver mitochondria?. *Trends in Endocrinology and Metabolism*, **2000**, 11, 49-53	8.8	17
36	Possible involvement of cytoskeletal components in the control of hepatic carnitine palmitoyltransferase I activity. *Advances in Experimental Medicine and Biology*, **1999**, 466, 43-52	3.6	4
35	The AMP-activated protein kinase is involved in the regulation of ketone body production by astrocytes. *Journal of Neurochemistry*, **1999**, 73, 1674-82	6	94
34	The stimulation of ketogenesis by cannabinoids in cultured astrocytes defines carnitine palmitoyltransferase I as a new ceramide-activated enzyme. *Journal of Neurochemistry*, **1999**, 72, 1759-68	6	55
33	Metabolism of trans fatty acids by hepatocytes. *Lipids*, **1999**, 34, 381-6	1.6	22
32	Effects of cannabinoids on energy metabolism. *Life Sciences*, **1999**, 65, 657-64	6.8	49
31	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. *FEBS Letters*, **1999**, 463, 235-40	3.8	130
30	Loss of response of carnitine palmitoyltransferase I to okadaic acid in transformed hepatic cells. *Biochemical Pharmacology*, **1998**, 56, 1485-8	6	4
29	Delta9-tetrahydrocannabinol induces apoptosis in C6 glioma cells. *FEBS Letters*, **1998**, 436, 6-10	3.8	216
28	Evidence that the AMP-activated protein kinase stimulates rat liver carnitine palmitoyltransferase I by phosphorylating cytoskeletal components. *FEBS Letters*, **1998**, 439, 317-20	3.8	33
27	Role of carnitine palmitoyltransferase I in the control of ketogenesis in primary cultures of rat astrocytes. *Journal of Neurochemistry*, **1998**, 71, 1597-606	6	69
26	Malonyl-CoA-independent acute control of hepatic carnitine palmitoyltransferase I activity. Role of Ca2+/calmodulin-dependent protein kinase II and cytoskeletal components. *Journal of Biological Chemistry*, **1998**, 273, 21497-504	5.4	29
25	Involvement of sphingomyelin hydrolysis and the mitogen-activated protein kinase cascade in the Delta9-tetrahydrocannabinol-induced stimulation of glucose metabolism in primary astrocytes. *Molecular Pharmacology*, **1998**, 54, 834-43	4.3	171
24	Involvement of Ca2+/calmodulin-dependent protein kinase II in the activation of carnitine palmitoyltransferase I by okadaic acid in rat hepatocytes. *Biochemical Journal*, **1997**, 321 (Pt 1), 211-6	3.8	16
23	Control of hepatic fatty acid oxidation by 5PAMP-activated protein kinase involves a malonyl-CoA-dependent and a malonyl-CoA-independent mechanism. *Archives of Biochemistry and Biophysics*, **1997**, 337, 169-75	4.1	102
22	Studies on the intracellular localization of acetyl-CoA carboxylase. *Biochemical and Biophysical Research Communications*, **1997**, 233, 253-7	3.4	21
21	Metabolic stimulation of mouse spleen lymphocytes by low doses of delta9-tetrahydrocannabinol. *Life Sciences*, **1997**, 60, 1709-17	6.8	10
20	Delta9-tetrahydrocannabinol stimulates glucose utilization in C6 glioma cells. *Brain Research*, **1997**, 767, 64-71	3.7	30

19	Are cytoskeletal components involved in the control of hepatic carnitine palmitoyltransferase I activity?. *Biochemical and Biophysical Research Communications*, **1996**, 224, 754-9	3.4	19
18	Effect of different types of high carbohydrate diets on glycogen metabolism in liver and skeletal muscle of endurance-trained rats. *European Journal of Applied Physiology and Occupational Physiology*, **1996**, 74, 91-9		5
17	Effects of physical training on fatty acid metabolism in liver and skeletal muscle of rats fed four different high-carbohydrate diets. *Journal of Nutritional Biochemistry*, **1996**, 7, 348-355	6.3	7
16	Effects of anandamide on hepatic fatty acid metabolism. *Biochemical Pharmacology*, **1995**, 50, 885-8	6	15
15	Inhibition of carnitine palmitoyltransferase I by hepatocyte swelling. *FEBS Letters*, **1994**, 344, 239-41	3.8	19
14	Regulation of fatty acid oxidation in mammalian liver. *Lipids and Lipid Metabolism*, **1993**, 1167, 227-41		85
13	Effects of lovastatin on hepatic fatty acid metabolism. *Lipids*, **1993**, 28, 1087-93	1.6	16
12	Okadaic acid stimulates carnitine palmitoyltransferase I activity and palmitate oxidation in isolated rat hepatocytes. *FEBS Letters*, **1991**, 291, 105-8	3.8	19
11	Treatment with anabolic steroids increases the activity of the mitochondrial outer carnitine palmitoyltransferase in rat liver and fast-twitch muscle. *Biochemical Pharmacology*, **1991**, 41, 833-5	6	25
10	Properties of the mitochondrial membrane and carnitine palmitoyltransferase in the periportal and the perivenous zone of the liver. Effects of chronic ethanol feeding. *Biochemical Pharmacology*, **1991**, 41, 1987-95	6	14
9	Alterations in the regulatory properties of hepatic fatty acid oxidation and carnitine palmitoyltransferase I activity after ethanol feeding and withdrawal. *Alcoholism: Clinical and Experimental Research*, **1990**, 14, 472-7	3.7	14
8	Zonal heterogeneity of the effects of chronic ethanol feeding on hepatic fatty acid metabolism. *Hepatology*, **1990**, 12, 1098-105	11.2	31
7	Simultaneous stimulation of fatty acid synthesis and oxidation in rat hepatocytes by vanadate. *Archives of Biochemistry and Biophysics*, **1990**, 283, 90-5	4.1	14
6	Ethanol increases the sensitivity of carnitine palmitoyltransferase I to inhibition by malonyl-CoA in short-term hepatocyte incubations. *Lipids and Lipid Metabolism*, **1989**, 1002, 405-8		8
5	Effects of ethanol feeding on hepatic lipid synthesis. *Archives of Biochemistry and Biophysics*, **1988**, 267, 568-79	4.1	45
4	Effects of ethanol feeding on the activity and regulation of hepatic carnitine palmitoyltransferase I. *Archives of Biochemistry and Biophysics*, **1988**, 267, 580-8	4.1	20
3	Effects of endurance exercise on carnitine palmitoyltransferase I from rat heart, skeletal muscle and liver mitochondria. *Lipids and Lipid Metabolism*, **1988**, 963, 562-5		18
2	Short-term inhibition of carnitine palmitoyltransferase I activity in rat hepatocytes incubated with ethanol. *Biochemical and Biophysical Research Communications*, **1988**, 154, 682-7	3.4	11

1	Short-term regulation of carnitine palmitoyltransferase activity in isolated rat hepatocytes. *Biochemical and Biophysical Research Communications*, **1988**, 151, 781-7	3.4	41