

Vincenzo Di Marzo

List of Publications by Year in descending order

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776
papers

80,228
citations

281

140
h-index

851

244
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793
all docs

793
docs citations

793
times ranked

33365
citing authors

#	ARTICLE	IF	CITATIONS
1	Vanilloid receptors on sensory nerves mediate the vasodilator action of anandamide. <i>Nature</i> , 1999, 400, 452-457.	27.8	2,022
2	The endogenous cannabinoid system controls extinction of aversive memories. <i>Nature</i> , 2002, 418, 530-534.	27.8	1,603
3	Leptin-regulated endocannabinoids are involved in maintaining food intake. <i>Nature</i> , 2001, 410, 822-825.	27.8	1,468
4	Formation and inactivation of endogenous cannabinoid anandamide in central neurons. <i>Nature</i> , 1994, 372, 686-691.	27.8	1,462
5	International Union of Basic and Clinical Pharmacology. LXXIX. Cannabinoid Receptors and Their Ligands: Beyond CB ₁ and CB ₂ . <i>Pharmacological Reviews</i> , 2010, 62, 588-631.	16.0	1,425
6	Identification and Functional Characterization of Brainstem Cannabinoid CB ₂ Receptors. <i>Science</i> , 2005, 310, 329-332.	12.6	1,357
7	CB1 Cannabinoid Receptors and On-Demand Defense Against Excitotoxicity. <i>Science</i> , 2003, 302, 84-88.	12.6	1,083
8	Molecular targets for cannabidiol and its synthetic analogues: effect on vanilloid VR1 receptors and on the cellular uptake and enzymatic hydrolysis of anandamide. <i>British Journal of Pharmacology</i> , 2001, 134, 845-852.	5.4	945
9	Cloning of the first sn1-DAG lipases points to the spatial and temporal regulation of endocannabinoid signaling in the brain. <i>Journal of Cell Biology</i> , 2003, 163, 463-468.	5.2	923
10	The endocannabinoid system and its therapeutic exploitation. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 771-784.	46.4	879
11	An endogenous capsaicin-like substance with high potency at recombinant and native vanilloid VR1 receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8400-8405.	7.1	874
12	Cannabidiol: Pharmacology and potential therapeutic role in epilepsy and other neuropsychiatric disorders. <i>Epilepsia</i> , 2014, 55, 791-802.	5.1	766
13	Non-psychoactive plant cannabinoids: new therapeutic opportunities from an ancient herb. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 515-527.	8.7	717
14	Targeting the endocannabinoid system: to enhance or reduce?. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 438-455.	46.4	701
15	Effects of cannabinoids and cannabinoid-enriched <i>Cannabis</i> extracts on TRP channels and endocannabinoid metabolic enzymes. <i>British Journal of Pharmacology</i> , 2011, 163, 1479-1494.	5.4	700
16	Endocannabinoid levels in rat limbic forebrain and hypothalamus in relation to fasting, feeding and satiation: stimulation of eating by 2-araachidonoyl glycerol. <i>British Journal of Pharmacology</i> , 2002, 136, 550-557.	5.4	674
17	Endocannabinoid control of food intake and energy balance. <i>Nature Neuroscience</i> , 2005, 8, 585-589.	14.8	663
18	Endocannabinoids: endogenous cannabinoid receptor ligands with neuromodulatory action. <i>Trends in Neurosciences</i> , 1998, 21, 521-528.	8.6	635

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19	Regulation, Function, and Dysregulation of Endocannabinoids in Models of Adipose and β^2 -Pancreatic Cells and in Obesity and Hyperglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3171-3180.	3.6	604
20	Cannabinoids and the expanded endocannabinoid system in neurological disorders. <i>Nature Reviews Neurology</i> , 2020, 16, 9-29.	10.1	564
21	Endocannabinoid signaling at the periphery: 50 years after THC. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 277-296.	8.7	524
22	Evidence for a New G Protein-Coupled Cannabinoid Receptor in Mouse Brain. <i>Molecular Pharmacology</i> , 2001, 60, 155-163.	2.3	523
23	An entourage effect: inactive endogenous fatty acid glycerol esters enhance 2-arachidonoyl-glycerol cannabinoid activity. <i>European Journal of Pharmacology</i> , 1998, 353, 23-31.	3.5	515
24	Antitumor Activity of Plant Cannabinoids with Emphasis on the Effect of Cannabidiol on Human Breast Carcinoma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1375-1387.	2.5	466
25	The Endocannabinoid System in Energy Homeostasis and the Etiopathology of Metabolic Disorders. <i>Cell Metabolism</i> , 2013, 17, 475-490.	16.2	441
26	Immunohistochemical localization of cannabinoid type 1 and vanilloid transient receptor potential vanilloid type 1 receptors in the mouse brain. <i>Neuroscience</i> , 2006, 139, 1405-1415.	2.3	434
27	Endocannabinoids. <i>European Journal of Pharmacology</i> , 1998, 359, 1-18.	3.5	432
28	Are cannabidiol and Δ^9 -tetrahydrocannabinol negative modulators of the endocannabinoid system? A systematic review. <i>British Journal of Pharmacology</i> , 2015, 172, 737-753.	5.4	412
29	The endocannabinoid system: a general view and latest additions. <i>British Journal of Pharmacology</i> , 2004, 141, 765-774.	5.4	400
30	Endocannabinoids control spasticity in a multiple sclerosis model. <i>FASEB Journal</i> , 2001, 15, 300-302.	0.5	371
31	The endogenous cannabinoid anandamide inhibits human breast cancer cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8375-8380.	7.1	364
32	Levels, Metabolism, and Pharmacological Activity of Anandamide in CB ₁ Cannabinoid Receptor Knockout Mice. <i>Journal of Neurochemistry</i> , 2000, 75, 2434-2444.	3.9	355
33	Biochemistry and pharmacology of endovanilloids. , 2007, 114, 13-33.		349
34	New approaches and challenges to targeting the endocannabinoid system. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 623-639.	46.4	346
35	Biosynthesis, Uptake, and Degradation of Anandamide and Palmitoylethanolamide in Leukocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 3315-3323.	3.4	342
36	Endovanilloids. <i>FEBS Journal</i> , 2004, 271, 1827-1834.	0.2	342

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37	Intense exercise increases circulating endocannabinoid and BDNF levels in humans—Possible implications for reward and depression. <i>Psychoneuroendocrinology</i> , 2012, 37, 844-851.	2.7	340
38	Circulating endocannabinoid levels, abdominal adiposity and related cardiometabolic risk factors in obese men. <i>International Journal of Obesity</i> , 2007, 31, 692-699.	3.4	339
39	Endocannabinoids and the control of energy balance. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 27-37.	7.1	328
40	The endocannabinoid system: Its general strategy of action, tools for its pharmacological manipulation and potential therapeutic exploitation. <i>Pharmacological Research</i> , 2009, 60, 77-84.	7.1	326
41	Overlap between the ligand recognition properties of the anandamide transporter and the VR1 vanilloid receptor: inhibitors of anandamide uptake with negligible capsaicin-like activity. <i>FEBS Letters</i> , 2000, 483, 52-56.	2.8	320
42	The Activity of Anandamide at Vanilloid VR1 Receptors Requires Facilitated Transport across the Cell Membrane and Is Limited by Intracellular Metabolism. <i>Journal of Biological Chemistry</i> , 2001, 276, 12856-12863.	3.4	320
43	From Phytocannabinoids to Cannabinoid Receptors and Endocannabinoids: Pleiotropic Physiological and Pathological Roles Through Complex Pharmacology. <i>Physiological Reviews</i> , 2016, 96, 1593-1659.	28.8	317
44	N-acyl-dopamines: novel synthetic CB1 cannabinoid-receptor ligands and inhibitors of anandamide inactivation with cannabimimetic activity in vitro and in vivo. <i>Biochemical Journal</i> , 2000, 351, 817-824.	3.7	315
45	Endocannabinoid signalling and the deteriorating brain. <i>Nature Reviews Neuroscience</i> , 2015, 16, 30-42.	10.2	312
46	N-Oleoyldopamine, a Novel Endogenous Capsaicin-like Lipid That Produces Hyperalgesia. <i>Journal of Biological Chemistry</i> , 2003, 278, 13633-13639.	3.4	303
47	Attenuation of Allergic Contact Dermatitis Through the Endocannabinoid System. <i>Science</i> , 2007, 316, 1494-1497.	12.6	302
48	Nonpsychotropic Plant Cannabinoids, Cannabidiol (CBD) and Cannabidiol (CBD), Activate and Desensitize Transient Receptor Potential Vanilloid 1 (TRPV1) Channels in Vitro: Potential for the Treatment of Neuronal Hyperexcitability. <i>ACS Chemical Neuroscience</i> , 2014, 5, 1131-1141.	3.5	301
49	Identification of a New Class of Molecules, the Arachidonyl Amino Acids, and Characterization of One Member That Inhibits Pain. <i>Journal of Biological Chemistry</i> , 2001, 276, 42639-42644.	3.4	297
50	Enhanced levels of endogenous cannabinoids in the globus pallidus are associated with a reduction in movement in an animal model of Parkinson's disease. <i>FASEB Journal</i> , 2000, 14, 1432-1438.	0.5	292
51	Brain Regional Distribution of Endocannabinoids: Implications for Their Biosynthesis and Biological Function. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 377-380.	2.1	288
52	Endocannabinoids and other fatty acid derivatives with cannabimimetic properties: biochemistry and possible physiopathological relevance. <i>Lipids and Lipid Metabolism</i> , 1998, 1392, 153-175.	2.6	285
53	Plant-Derived Cannabinoids Modulate the Activity of Transient Receptor Potential Channels of Ankyrin Type-1 and Melastatin Type-8. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 1007-1015.	2.5	283
54	The Endocannabinoid System and its Modulation by Phytocannabinoids. <i>Neurotherapeutics</i> , 2015, 12, 692-698.	4.4	281

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55	Endocannabinoids and endocannabinoid-related mediators: Targets, metabolism and role in neurological disorders. <i>Progress in Lipid Research</i> , 2016, 62, 107-128.	11.6	276
56	Endovanilloid signaling in pain. <i>Current Opinion in Neurobiology</i> , 2002, 12, 372-379.	4.2	270
57	Cannabinoid CB2 receptor ligand profiling reveals biased signalling and off-target activity. <i>Nature Communications</i> , 2017, 8, 13958.	12.8	265
58	Biosynthesis and inactivation of the endocannabinoid 2-araachidonoylglycerol in circulating and tumoral macrophages. <i>FEBS Journal</i> , 1999, 264, 258-267.	0.2	264
59	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
60	Elevation of Endocannabinoid Levels in the Ventrolateral Periaqueductal Grey through Inhibition of Fatty Acid Amide Hydrolase Affects Descending Nociceptive Pathways via Both Cannabinoid Receptor Type 1 and Transient Receptor Potential Vanilloid Type-1 Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 969-982.	2.5	260
61	Endocannabinoids and the regulation of their levels in health and disease. <i>Current Opinion in Lipidology</i> , 2007, 18, 129-140.	2.7	257
62	Biosynthesis, release and degradation of the novel endogenous cannabimimetic metabolite 2-arachidonoylglycerol in mouse neuroblastoma cells. <i>Biochemical Journal</i> , 1997, 322, 671-677.	3.7	254
63	Changes in endocannabinoid contents in the brain of rats chronically exposed to nicotine, ethanol or cocaine. <i>Brain Research</i> , 2002, 954, 73-81.	2.2	253
64	Possible endocannabinoid control of colorectal cancer growth. <i>Gastroenterology</i> , 2003, 125, 677-687.	1.3	252
65	Role in Anxiety Behavior of the Endocannabinoid System in the Prefrontal Cortex. <i>Cerebral Cortex</i> , 2008, 18, 1292-1301.	2.9	252
66	Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. <i>Science</i> , 2017, 356, 1084-1087.	12.6	251
67	The endocannabinoid system in the basal ganglia and in the mesolimbic reward system: implications for neurological and psychiatric disorders. <i>European Journal of Pharmacology</i> , 2003, 480, 133-150.	3.5	249
68	Analysis of cannabinoid receptor binding and mRNA expression and endogenous cannabinoid contents in the developing rat brain during late gestation and early postnatal period. <i>Synapse</i> , 1999, 33, 181-191.	1.2	247
69	Cannabinoid actions at TRPV channels: effects on TRPV3 and TRPV4 and their potential relevance to gastrointestinal inflammation. <i>Acta Physiologica</i> , 2012, 204, 255-266.	3.8	246
70	Antibiotic-induced microbiota perturbation causes gut endocannabinoidome changes, hippocampal neuroglial reorganization and depression in mice. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 230-245.	4.1	246
71	Suppression of Nerve Growth Factor Trk Receptors and Prolactin Receptors by Endocannabinoids Leads to Inhibition of Human Breast and Prostate Cancer Cell Proliferation. <i>Endocrinology</i> , 2000, 141, 118-126.	2.8	245
72	Blood Levels of the Endocannabinoid Anandamide are Increased in Anorexia Nervosa and in Binge-Eating Disorder, but not in Bulimia Nervosa. <i>Neuropsychopharmacology</i> , 2005, 30, 1216-1221.	5.4	245

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73	The endocannabinoid system in obesity and type 2 diabetes. <i>Diabetologia</i> , 2008, 51, 1356-1367.	6.3	245
74	Why do cannabinoid receptors have more than one endogenous ligand?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3216-3228.	4.0	241
75	Anandamide and diet: Inclusion of dietary arachidonate and docosahexaenoate leads to increased brain levels of the corresponding <i>N</i> -acylethanolamines in piglets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 6402-6406.	7.1	240
76	Anandamide receptors. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2002, 66, 377-391.	2.2	237
77	Presynaptic Facilitation of Glutamatergic Synapses to Dopaminergic Neurons of the Rat Substantia Nigra by Endogenous Stimulation of Vanilloid Receptors. <i>Journal of Neuroscience</i> , 2003, 23, 3136-3144.	3.6	237
78	Beneficial effect of the non-psychotropic plant cannabinoid cannabigerol on experimental inflammatory bowel disease. <i>Biochemical Pharmacology</i> , 2013, 85, 1306-1316.	4.4	237
79	Prefrontal Cortex Stimulation Induces 2-Arachidonoyl-Glycerol-Mediated Suppression of Excitation in Dopamine Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 10707-10715.	3.6	232
80	Endocannabinoid signalling in the blood of patients with schizophrenia. <i>Lipids in Health and Disease</i> , 2003, 2, 5.	3.0	228
81	Enhanced levels of endogenous cannabinoids in the globus pallidus are associated with a reduction in movement in an animal model of Parkinson's disease. <i>FASEB Journal</i> , 2000, 14, 1432-1438.	0.5	227
82	The pharmacology of palmitoylethanolamide and first data on the therapeutic efficacy of some of its new formulations. <i>British Journal of Pharmacology</i> , 2017, 174, 1349-1365.	5.4	227
83	Endocannabinoids: synthesis and degradation. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2006, 160, 1-24.	1.6	221
84	Cannabinoid CB ₁ receptor mediated regulation of gastrointestinal motility in mice in a model of intestinal inflammation. <i>British Journal of Pharmacology</i> , 2001, 134, 563-570.	5.4	219
85	The Palmitoylethanolamide and Oleamide Enigmas: Are These Two Fatty Acid Amides Cannabimimetic?. <i>Current Medicinal Chemistry</i> , 1999, 6, 757-773.	2.4	218
86	Structure-activity relationship for the endogenous cannabinoid, anandamide, and certain of its analogues at vanilloid receptors in transfected cells and vas deferens. <i>British Journal of Pharmacology</i> , 2001, 132, 631-640.	5.4	214
87	Anandamide: some like it hot. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 346-349.	8.7	213
88	Mechanisms of the Anti-Obesity Effects of Oxytocin in Diet-Induced Obese Rats. <i>PLoS ONE</i> , 2011, 6, e25565.	2.5	211
89	Anandamide acts as an intracellular messenger amplifying Ca ²⁺ influx via TRPV1 channels. <i>EMBO Journal</i> , 2005, 24, 3026-3037.	7.8	210
90	Endocannabinoids May Mediate the Ability of (n-3) Fatty Acids to Reduce Ectopic Fat and Inflammatory Mediators in Obese Zucker Rats. <i>Journal of Nutrition</i> , 2009, 139, 1495-1501.	2.9	210

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91	Changes in spinal and supraspinal endocannabinoid levels in neuropathic rats. <i>Neuropharmacology</i> , 2007, 52, 415-422.	4.1	209
92	New perspectives on enigmatic vanilloid receptors. <i>Trends in Neurosciences</i> , 2000, 23, 491-497.	8.6	207
93	Cannabinoid CB1 Receptor Mediates Fear Extinction via Habituation-Like Processes. <i>Journal of Neuroscience</i> , 2006, 26, 6677-6686.	3.6	204
94	An introduction to the endocannabinoid system: from the early to the latest concepts. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2009, 23, 1-15.	4.7	203
95	Biosynthesis of anandamide and related acylethanolamides in mouse J774 macrophages and N18 neuroblastoma cells. <i>Biochemical Journal</i> , 1996, 316, 977-984.	3.7	198
96	Up-regulation of anandamide levels as an endogenous mechanism and a pharmacological strategy to limit colon inflammation. <i>FASEB Journal</i> , 2006, 20, 568-570.	0.5	198
97	The novel endogenous cannabinoid 2-arachidonoylglycerol is inactivated by neuronal- and basophil-like cells: connections with anandamide. <i>Biochemical Journal</i> , 1998, 331, 15-19.	3.7	195
98	The vanilloid receptor (VR1)-mediated effects of anandamide are potently enhanced by the cAMP-dependent protein kinase. <i>Journal of Neurochemistry</i> , 2001, 77, 1660-1663.	3.9	191
99	Endocannabinoids and β^2 -amyloid-induced neurotoxicity in vivo: effect of pharmacological elevation of endocannabinoid levels. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 1410-1424.	5.4	191
100	A role for endocannabinoids in the generation of parkinsonism and levodopa-induced dyskinesia in MPTP-lesioned non-human primate models of Parkinson's disease. <i>FASEB Journal</i> , 2005, 19, 1140-1142.	0.5	189
101	Endocannabinoid system and mood disorders: Priming a target for new therapies. , 2013, 138, 18-37.		187
102	Palmitoylethanolamide enhances anandamide stimulation of human vanilloid VR1 receptors. <i>FEBS Letters</i> , 2001, 506, 253-256.	2.8	186
103	The endocannabinoid signalling system: Biochemical aspects. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 224-238.	2.9	185
104	Two novel classes of neuroactive fatty acid amides are substrates for mouse neuroblastoma anandamide amidohydrolase TM . <i>FEBS Letters</i> , 1995, 377, 82-86.	2.8	184
105	Endocannabinoids as Regulators of Transient Receptor Potential (TRP) Channels: a Further Opportunity to Develop New Endocannabinoid-Based Therapeutic Drugs. <i>Current Medicinal Chemistry</i> , 2010, 17, 1430-1449.	2.4	184
106	Unsaturated Long-Chain N-Acyl-vanillyl-amides (N-AVAMs): Vanilloid Receptor Ligands That Inhibit Anandamide-Facilitated Transport and Bind to CB1 Cannabinoid Receptors. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 275-284.	2.1	183
107	Anxiolytic Effects in Mice of a Dual Blocker of Fatty Acid Amide Hydrolase and Transient Receptor Potential Vanilloid Type-1 Channels. <i>Neuropsychopharmacology</i> , 2009, 34, 593-606.	5.4	182
108	Non-CB1, Non-CB2 Receptors for Endocannabinoids, Plant Cannabinoids, and Synthetic Cannabimimetics: Focus on G-protein-coupled Receptors and Transient Receptor Potential Channels. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 103-121.	4.1	182

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109	Analgesic actions of N -arachidonoyl-serotonin, a fatty acid amide hydrolase inhibitor with antagonistic activity at vanilloid TRPV1 receptors. <i>British Journal of Pharmacology</i> , 2007, 150, 766-781.	5.4	178
110	The cannabinoid CB1 receptor regulates bone formation by modulating adrenergic signaling. <i>FASEB Journal</i> , 2008, 22, 285-294.	0.5	178
111	Anandamide Uptake by Human Endothelial Cells and Its Regulation by Nitric Oxide. <i>Journal of Biological Chemistry</i> , 2000, 275, 13484-13492.	3.4	175
112	Palmitoylethanolamide inhibits the expression of fatty acid amide hydrolase and enhances the anti-proliferative effect of anandamide in human breast cancer cells. <i>Biochemical Journal</i> , 2001, 358, 249-255.	3.7	174
113	Inhibitory effects of cannabinoid CB 1 receptor stimulation on tumor growth and metastatic spreading: actions on signals involved in angiogenesis and metastasis. <i>FASEB Journal</i> , 2003, 17, 1771-1773.	0.5	173
114	Changes in plasma endocannabinoid levels in viscerally obese men following a 1-year lifestyle modification programme and waist circumference reduction: associations with changes in metabolic risk factors. <i>Diabetologia</i> , 2009, 52, 213-217.	6.3	173
115	Arachidonoylserotonin and Other Novel Inhibitors of Fatty Acid Amide Hydrolase. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 515-522.	2.1	172
116	Sex Steroid Influence on Cannabinoid CB1 Receptor mRNA and Endocannabinoid Levels in the Anterior Pituitary Gland. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 260-266.	2.1	172
117	Endocannabinoid Dysregulation in the Pancreas and Adipose Tissue of Mice Fed With a High-fat Diet. <i>Obesity</i> , 2008, 16, 553-565.	3.0	172
118	Phytocannabinoids beyond the Cannabis plant – do they exist?. <i>British Journal of Pharmacology</i> , 2010, 160, 523-529.	5.4	169
119	Endocannabinoids as physiological regulators of colonic propulsion in mice. <i>Gastroenterology</i> , 2002, 123, 227-234.	1.3	167
120	Non-THC cannabinoids inhibit prostate carcinoma growth <i>in vitro</i> and <i>in vivo</i> : pro-apoptotic effects and underlying mechanisms. <i>British Journal of Pharmacology</i> , 2013, 168, 79-102.	5.4	166
121	Evidence for a new G protein-coupled cannabinoid receptor in mouse brain. <i>Molecular Pharmacology</i> , 2001, 60, 155-63.	2.3	166
122	Palmitoylethanolamide, endocannabinoids and related cannabimimetic compounds in protection against tissue inflammation and pain: Potential use in companion animals. <i>Veterinary Journal</i> , 2007, 173, 21-30.	1.7	165
123	The “headache tree” via umbellulone and TRPA1 activates the trigeminovascular system. <i>Brain</i> , 2012, 135, 376-390.	7.6	163
124	Targeting the endocannabinoid system in cancer therapy: A call for further research. <i>Nature Medicine</i> , 2002, 8, 547-550.	30.7	161
125	Neural precursor cells induce cell death of high-grade astrocytomas through stimulation of TRPV1. <i>Nature Medicine</i> , 2012, 18, 1232-1238.	30.7	159
126	Presence and regulation of the endocannabinoid system in human dendritic cells. <i>FEBS Journal</i> , 2002, 269, 3771-3778.	0.2	157

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127	Plant, Synthetic, and Endogenous Cannabinoids in Medicine. Annual Review of Medicine, 2006, 57, 553-574.	12.2	156
128	Cannabidiol, a safe and non-psychotropic ingredient of the marijuana plant Cannabis sativa, is protective in a murine model of colitis. Journal of Molecular Medicine, 2009, 87, 1111-1121.	3.9	156
129	Combining Mass Spectrometric Metabolic Profiling with Genomic Analysis: A Powerful Approach for Discovering Natural Products from Cyanobacteria. Journal of Natural Products, 2015, 78, 1671-1682.	3.0	156
130	Endocannabinoids and fatty acid amides in cancer, inflammation and related disorders. Chemistry and Physics of Lipids, 2000, 108, 191-209.	3.2	154
131	Evolutionary origins of the endocannabinoid system. Gene, 2006, 370, 64-74.	2.2	153
132	Lipopolysaccharide Downregulates Fatty Acid Amide Hydrolase Expression and Increases Anandamide Levels in Human Peripheral Lymphocytes. Archives of Biochemistry and Biophysics, 2001, 393, 321-328.	3.0	152
133	Tonic Endovanilloid Facilitation of Glutamate Release in Brainstem Descending Antinociceptive Pathways. Journal of Neuroscience, 2007, 27, 13739-13749.	3.6	152
134	The endocannabinoid system as a link between homeostatic and hedonic pathways involved in energy balance regulation. International Journal of Obesity, 2009, 33, S18-S24.	3.4	152
135	Finding of the endocannabinoid signalling system in Hydra, a very primitive organism: possible role in the feeding response. Neuroscience, 1999, 92, 377-387.	2.3	150
136	Adolescent exposure to THC in female rats disrupts developmental changes in the prefrontal cortex. Neurobiology of Disease, 2015, 73, 60-69.	4.4	150
137	Novel selective and metabolically stable inhibitors of anandamide cellular uptake. Biochemical Pharmacology, 2003, 65, 1473-1481.	4.4	149
138	Anandamide inhibits adhesion and migration of breast cancer cells. Experimental Cell Research, 2006, 312, 363-373.	2.6	149
139	Endocannabinoid signaling in the brain: biosynthetic mechanisms in the limelight. Nature Neuroscience, 2011, 14, 9-15.	14.8	147
140	Chemopreventive effect of the non-psychotropic phytocannabinoid cannabidiol on experimental colon cancer. Journal of Molecular Medicine, 2012, 90, 925-934.	3.9	146
141	Anandamide, an endogenous cannabinomimetic eicosanoid: "Killing two birds with one stone"™. Prostaglandins Leukotrienes and Essential Fatty Acids, 1995, 53, 1-11.	2.2	145
142	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, 235-240.	2.8	145
143	Dysregulation of peripheral endocannabinoid levels in hyperglycemia and obesity: Effect of high fat diets. Molecular and Cellular Endocrinology, 2008, 286, S66-S78.	3.2	145
144	TRPV1 Receptors in the Central Nervous System: Potential for Previously Unforeseen Therapeutic Applications. Current Pharmaceutical Design, 2008, 14, 42-54.	1.9	145

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145	Enhancement of Anandamide Formation in the Limbic Forebrain and Reduction of Endocannabinoid Contents in the Striatum of Δ^9 -Tetrahydrocannabinol-Tolerant Rats. <i>Journal of Neurochemistry</i> , 2000, 74, 1627-1635.	3.9	144
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