

Daniele Piomelli

List of Publications by Year in descending order

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203
papers

21,349
citations

18482

62
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9589

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all docs

216
docs citations

216
times ranked

13274
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular logic of endocannabinoid signalling. <i>Nature Reviews Neuroscience</i> , 2003, 4, 873-884.	10.2	1,745
2	Role of Endogenous Cannabinoids in Synaptic Signaling. <i>Physiological Reviews</i> , 2003, 83, 1017-1066.	28.8	1,399
3	A second endogenous cannabinoid that modulates long-term potentiation. <i>Nature</i> , 1997, 388, 773-778.	27.8	1,374
4	Modulation of anxiety through blockade of anandamide hydrolysis. <i>Nature Medicine</i> , 2003, 9, 76-81.	30.7	1,306
5	Control of pain initiation by endogenous cannabinoids. <i>Nature</i> , 1998, 394, 277-281.	27.8	995
6	Oleylethanolamide regulates feeding and body weight through activation of the nuclear receptor PPAR- α . <i>Nature</i> , 2003, 425, 90-93.	27.8	985
7	The Nuclear Receptor Peroxisome Proliferator-Activated Receptor- α Mediates the Anti-Inflammatory Actions of Palmitoylethanolamide. <i>Molecular Pharmacology</i> , 2005, 67, 15-19.	2.3	804
8	Cerebrospinal Anandamide Levels are Elevated in Acute Schizophrenia and are Inversely Correlated with Psychotic Symptoms. <i>Neuropsychopharmacology</i> , 2004, 29, 2108-2114.	5.4	423
9	Occurrence and Biosynthesis of Endogenous Cannabinoid Precursor, <i>N</i> -Arachidonoyl Phosphatidylethanolamine, in Rat Brain. <i>Journal of Neuroscience</i> , 1997, 17, 1226-1242.	3.6	380
10	Pharmacological Profile of the Selective FAAH Inhibitor KDS-4103 (URB597). <i>CNS Neuroscience & Therapeutics</i> , 2006, 12, 21-38.	4.0	331
11	A neuroscientist's guide to lipidomics. <i>Nature Reviews Neuroscience</i> , 2007, 8, 743-754.	10.2	327
12	The Lipid Messenger OEA Links Dietary Fat Intake to Satiety. <i>Cell Metabolism</i> , 2008, 8, 281-288.	16.2	321
13	Antidepressant-like Activity of the Fatty Acid Amide Hydrolase Inhibitor URB597 in a Rat Model of Chronic Mild Stress. <i>Biological Psychiatry</i> , 2007, 62, 1103-1110.	1.3	314
14	Anandamide Amidohydrolase Activity in Rat Brain Microsomes. <i>Journal of Biological Chemistry</i> , 1995, 270, 6030-6035.	3.4	304
15	Rapid Broad-Spectrum Analgesia through Activation of Peroxisome Proliferator-Activated Receptor- α . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1051-1061.	2.5	299
16	Oleylethanolamide Stimulates Lipolysis by Activating the Nuclear Receptor Peroxisome Proliferator-activated Receptor α (PPAR- α). <i>Journal of Biological Chemistry</i> , 2004, 279, 27849-27854.	3.4	295
17	Biosynthesis of an Endogenous Cannabinoid Precursor in Neurons and its Control by Calcium and cAMP. <i>Journal of Neuroscience</i> , 1996, 16, 3934-3942.	3.6	289
18	Anandamide suppresses pain initiation through a peripheral endocannabinoid mechanism. <i>Nature Neuroscience</i> , 2010, 13, 1265-1270.	14.8	289

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19	A role for monoglyceride lipase in 2-arachidonoylglycerol inactivation. <i>Chemistry and Physics of Lipids</i> , 2002, 121, 149-158.	3.2	285
20	Cyclohexylcarbamic Acid 3- or 4-Substituted Biphenyl-3-yl Esters as Fatty Acid Amide Hydrolase Inhibitors: A Synthesis, Quantitative Structure-Activity Relationships, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 4998-5008.	6.4	255
21	Oleoylethanolamide, an endogenous PPAR- α agonist, lowers body weight and hyperlipidemia in obese rats. <i>Neuropharmacology</i> , 2005, 48, 1147-1153.	4.1	249
22	Uncoupling of the endocannabinoid signalling complex in a mouse model of fragile X syndrome. <i>Nature Communications</i> , 2012, 3, 1080.	12.8	234
23	The search for the palmitoylethanolamide receptor. <i>Life Sciences</i> , 2005, 77, 1685-1698.	4.3	224
24	Antinociceptive activity of the endogenous fatty acid amide, palmitoylethanolamide. <i>European Journal of Pharmacology</i> , 2001, 419, 191-198.	3.5	219
25	Anandamide levels in cerebrospinal fluid of first-episode schizophrenic patients: Impact of cannabis use. <i>Schizophrenia Research</i> , 2007, 94, 29-36.	2.0	219
26	Peripheral gating of pain signals by endogenous lipid mediators. <i>Nature Neuroscience</i> , 2014, 17, 164-174.	14.8	214
27	Anxiolytic-Like Properties of the Anandamide Transport Inhibitor AM404. <i>Neuropsychopharmacology</i> , 2006, 31, 2652-2659.	5.4	208
28	Selective <i>N</i> -acylethanolamine-hydrolyzing acid amidase inhibition reveals a key role for endogenous palmitoylethanolamide in inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20966-20971.	7.1	206
29	A fatty gut feeling. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 332-341.	7.1	175
30	Endocannabinoid signaling mediates oxytocin-driven social reward. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14084-14089.	7.1	163
31	Design, Synthesis, and Structure-Activity Relationships of Alkylcarbamic Acid Aryl Esters, a New Class of Fatty Acid Amide Hydrolase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2352-2360.	6.4	160
32	Anandamide elevation in cerebrospinal fluid in initial prodromal states of psychosis. <i>British Journal of Psychiatry</i> , 2009, 194, 371-372.	2.8	157
33	Quantification of Bioactive Acylethanolamides in Rat Plasma by Electrospray Mass Spectrometry. <i>Analytical Biochemistry</i> , 2000, 280, 87-93.	2.4	152
34	Fatty Acid Amide Hydrolase Inhibition Heightens Anandamide Signaling Without Producing Reinforcing Effects in Primates. <i>Biological Psychiatry</i> , 2008, 64, 930-937.	1.3	151
35	A catalytically silent FAAH-1 variant drives anandamide transport in neurons. <i>Nature Neuroscience</i> , 2012, 15, 64-69.	14.8	150
36	Modulation of Meal Pattern in the Rat by the Anorexic Lipid Mediator Oleoylethanolamide. <i>Neuropsychopharmacology</i> , 2003, 28, 1311-1316.	5.4	144

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37	Acute Intracerebroventricular Administration of Palmitoylethanolamide, an Endogenous Peroxisome Proliferator-Activated Receptor- α Agonist, Modulates Carrageenan-Induced Paw Edema in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 1137-1143.	2.5	134
38	Discovery of highly potent acid ceramidase inhibitors with in vitro tumor chemosensitizing activity. <i>Scientific Reports</i> , 2013, 3, 1035.	3.3	133
39	The thrifty lipids: endocannabinoids and the neural control of energy conservation. <i>Trends in Neurosciences</i> , 2012, 35, 403-411.	8.6	118
40	Synthesis and characterization of a peripherally restricted CB1 cannabinoid antagonist, URB447, that reduces feeding and body-weight gain in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 639-643.	2.2	114
41	More surprises lying ahead. The endocannabinoids keep us guessing. <i>Neuropharmacology</i> , 2014, 76, 228-234.	4.1	107
42	The <i>Cannabis sativa</i> Versus <i>Cannabis indica</i> Debate: An Interview with Ethan Russo, MD. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 44-46.	2.9	99
43	Antinociceptive effects of the N-acylethanolamine acid amidase inhibitor ARN077 in rodent pain models. <i>Pain</i> , 2013, 154, 350-360.	4.2	98
44	Intestinal lipid-derived signals that sense dietary fat. <i>Journal of Clinical Investigation</i> , 2015, 125, 891-898.	8.2	92
45	2-Arachidonoylglycerol Signaling in Forebrain Regulates Systemic Energy Metabolism. <i>Cell Metabolism</i> , 2012, 15, 299-310.	16.2	91
46	The endocannabinoid system: a drug discovery perspective. <i>Current Opinion in Investigational Drugs</i> , 2005, 6, 672-9.	2.3	91
47	The endocannabinoid system as a target for the treatment of cannabis dependence. <i>Neuropharmacology</i> , 2009, 56, 235-243.	4.1	90
48	Effects of Fatty Acid Amide Hydrolase (FAAH) Inhibitors in Non-Human Primate Models of Nicotine Reward and Relapse. <i>Neuropsychopharmacology</i> , 2015, 40, 2185-2197.	5.4	82
49	Peripheral FAAH inhibition causes profound antinociception and protects against indomethacin-induced gastric lesions. <i>Pharmacological Research</i> , 2012, 65, 553-563.	7.1	81
50	Enhancement of Anandamide-Mediated Endocannabinoid Signaling Corrects Autism-Related Social Impairment. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 81-89.	2.9	81
51	Proinflammatory Stimuli Control N-Acylphosphatidylethanolamine-Specific Phospholipase D Expression in Macrophages. <i>Molecular Pharmacology</i> , 2011, 79, 786-792.	2.3	80
52	Structure of Human N -Acylphosphatidylethanolamine-Hydrolyzing Phospholipase D: Regulation of Fatty Acid Ethanolamide Biosynthesis by Bile Acids. <i>Structure</i> , 2015, 23, 598-604.	3.3	77
53	Endocannabinoid Signaling in the Control of Social Behavior. <i>Trends in Neurosciences</i> , 2017, 40, 385-396.	8.6	76
54	Chapter 5 The Endocannabinoid System as A Target for Novel Anxiolytic and Antidepressant Drugs. <i>International Review of Neurobiology</i> , 2009, 85, 57-72.	2.0	74

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55	Acid Ceramidase in Melanoma. <i>Journal of Biological Chemistry</i> , 2016, 291, 2422-2434.	3.4	72
56	Endocannabinoid signaling in the gut mediates preference for dietary unsaturated fats. <i>FASEB Journal</i> , 2013, 27, 2513-2520.	0.5	71
57	A Potent Systemically Active <i>N</i> -Acylethanolamine Acid Amidase Inhibitor that Suppresses Inflammation and Human Macrophage Activation. <i>ACS Chemical Biology</i> , 2015, 10, 1838-1846.	3.4	71
58	Development and Pharmacological Characterization of Selective Blockers of 2-Arachidonoyl Glycerol Degradation with Efficacy in Rodent Models of Multiple Sclerosis and Pain. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2612-2632.	6.4	70
59	The effect of cannabidiol and URB597 on conditioned gaping (a model of nausea) elicited by a lithium-paired context in the rat. <i>Psychopharmacology</i> , 2008, 196, 389-395.	3.1	67
60	A Primary Cortical Input to Hippocampus Expresses a Pathway-Specific and Endocannabinoid-Dependent Form of Long-Term Potentiation. <i>ENeuro</i> , 2016, 3, ENEURO.0160-16.2016.	1.9	65
61	Modulation of CB1 cannabinoid receptor by allosteric ligands: Pharmacology and therapeutic opportunities. <i>Neuropharmacology</i> , 2017, 124, 3-12.	4.1	64
62	Peroxisome Proliferator-Activated Receptor δ Mediates Acute Effects of Palmitoylethanolamide on Sensory Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 12735-12743.	3.6	63
63	A Catalytic Mechanism for Cysteine N-Terminal Nucleophile Hydrolases, as Revealed by Free Energy Simulations. <i>PLoS ONE</i> , 2012, 7, e32397.	2.5	63
64	Trick or treat from food endocannabinoids?. <i>Nature</i> , 1998, 396, 636-637.	27.8	62
65	QM/MM modelling of oleamide hydrolysis in fatty acid amide hydrolase (FAAH) reveals a new mechanism of nucleophile activation. <i>Chemical Communications</i> , 2005, , 4399.	4.1	62
66	Macrophage-derived lipid agonists of PPAR- δ as intrinsic controllers of inflammation. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 7-14.	5.2	62
67	Evaluation of the emotional phenotype and serotonergic neurotransmission of fatty acid amide hydrolase-deficient mice. <i>Psychopharmacology</i> , 2011, 214, 465-476.	3.1	61
68	Role of the satiety factor oleoylethanolamide in alcoholism. <i>Addiction Biology</i> , 2016, 21, 859-872.	2.6	58
69	Multitarget fatty acid amide hydrolase/cyclooxygenase blockade suppresses intestinal inflammation and protects against nonsteroidal anti-inflammatory drug-dependent gastrointestinal damage. <i>FASEB Journal</i> , 2015, 29, 2616-2627.	0.5	57
70	A Lipid Gate for the Peripheral Control of Pain. <i>Journal of Neuroscience</i> , 2014, 34, 15184-15191.	3.6	56
71	Comparative Pharmacokinetics of 9 -Tetrahydrocannabinol in Adolescent and Adult Male Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 374, 151-160.	2.5	56
72	Role of the endogenous cannabinoid system as a modulator of dopamine transmission: Implications for Parkinson's disease and schizophrenia. <i>Neurotoxicity Research</i> , 2001, 3, 23-35.	2.7	54

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73	Advances in the discovery of N-acylethanolamine acid amidase inhibitors. <i>Pharmacological Research</i> , 2014, 86, 11-17.	7.1	54
74	<i>N</i> -Acylethanolamine Acid Amidase (NAAA): Structure, Function, and Inhibition. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7475-7490.	6.4	54
75	Synthesis and Structure-Activity Relationships of N-(2-Oxo-3-oxetanyl)amides as N-Acylethanolamine-hydrolyzing Acid Amidase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5770-5781.	6.4	53
76	Monoglyceride lipase: Structure and inhibitors. <i>Chemistry and Physics of Lipids</i> , 2016, 197, 13-24.	3.2	53
77	Peripheral FAAH and soluble epoxide hydrolase inhibitors are synergistically antinociceptive. <i>Pharmacological Research</i> , 2015, 97, 7-15.	7.1	51
78	Pharmacokinetic, behavioral, and brain activity effects of δ^9 -tetrahydrocannabinol in adolescent male and female rats. <i>Neuropsychopharmacology</i> , 2021, 46, 959-969.	5.4	51
79	Atypical Endocannabinoid Signaling Initiates a New Form of Memory-Related Plasticity at a Cortical Input to Hippocampus. <i>Cerebral Cortex</i> , 2018, 28, 2253-2266.	2.9	50
80	Complete Acid Ceramidase ablation prevents cancer-initiating cell formation in melanoma cells. <i>Scientific Reports</i> , 2017, 7, 7411.	3.3	49
81	<i>N</i> -(2-Oxo-3-oxetanyl)carbamic Acid Esters as <i>N</i> -Acylethanolamine Acid Amidase Inhibitors: Synthesis and Structure-Activity and Structure-Property Relationships. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4824-4836.	6.4	48
82	Endocannabinoid System and Migraine Pain: An Update. <i>Frontiers in Neuroscience</i> , 2018, 12, 172.	2.8	48
83	Rapid evaluation of 25 key sphingolipids and phosphosphingolipids in human plasma by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5189-5198.	3.7	47
84	Neurophysiology of space travel: energetic solar particles cause cell type-specific plasticity of neurotransmission. <i>Brain Structure and Function</i> , 2017, 222, 2345-2357.	2.3	47
85	Endogenous cannabinoids in patients with schizophrenia and substance use disorder during quetiapine therapy. <i>Journal of Psychopharmacology</i> , 2008, 22, 262-269.	4.0	45
86	Feeding-induced oleoylethanolamide mobilization is disrupted in the gut of diet-induced obese rodents. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1218-1226.	2.4	45
87	Fasting stimulates 2-AG biosynthesis in the small intestine: role of cholinergic pathways. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R805-R813.	1.8	44
88	Synthesis and Structure-Activity Relationship (SAR) of 2-Methyl-4-oxo-3-oxetanylcarbamic Acid Esters, a Class of Potent <i>N</i> -Acylethanolamine Acid Amidase (NAAA) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6917-6934.	6.4	43
89	Age-dependent changes in nervonic acid-containing sphingolipids in mouse hippocampus. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1502-1511.	2.4	43
90	The challenge of brain lipidomics. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 77, 23-34.	1.9	42

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91	Sleep deprivation increases oleoylethanolamide in human cerebrospinal fluid. <i>Journal of Neural Transmission</i> , 2009, 116, 301-305.	2.8	41
92	The N-Acylethanolamine Acid Amidase Inhibitor ARN077 Suppresses Inflammation and Pruritus in a Mouse Model of Allergic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 562-569.	0.7	41
93	Second-Generation Non-Covalent NAAA Inhibitors are Protective in a Model of Multiple Sclerosis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11193-11197.	13.8	39
94	Methamphetamine Accelerates Cellular Senescence through Stimulation of De Novo Ceramide Biosynthesis. <i>PLoS ONE</i> , 2015, 10, e0116961.	2.5	39
95	Sample preparation and orthogonal chromatography for broad polarity range plasma metabolomics: Application to human subjects with neurodegenerative dementia. <i>Analytical Biochemistry</i> , 2014, 455, 48-54.	2.4	38
96	Effects of fatty acid amide hydrolase inhibitor URB597 in a rat model of trauma-induced long-term anxiety. <i>Psychopharmacology</i> , 2018, 235, 3211-3221.	3.1	38
97	Modulation of sweet taste sensitivities by endogenous leptin and endocannabinoids in mice. <i>Journal of Physiology</i> , 2015, 593, 2527-2545.	2.9	37
98	Endogenous N-acyl taurines regulate skin wound healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4397-406.	7.1	37
99	β -Lactones Inhibit N-acylethanolamine Acid Amidase by S-Acylation of the Catalytic N-Terminal Cysteine. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 422-426.	2.8	36
100	Bile Acid Recognition by NAPE-PLD. <i>ACS Chemical Biology</i> , 2016, 11, 2908-2914.	3.4	36
101	Ion mobility mass spectrometry enhances low-abundance species detection in untargeted lipidomics. <i>Metabolomics</i> , 2016, 12, 50.	3.0	36
102	Endocannabinoid Modulation of Predator Stress-Induced Long-Term Anxiety in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 1329-1339.	5.4	36
103	Molecular mechanism of activation of the immunoregulatory amidase NAAA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10032-E10040.	7.1	36
104	Elevated plasma ceramide levels in post-menopausal women: a cross-sectional study. <i>Aging</i> , 2019, 11, 73-88.	3.1	36
105	The endogenous cannabinoid system and the treatment of marijuana dependence. <i>Neuropharmacology</i> , 2004, 47, 359-367.	4.1	35
106	Quantum Mechanics/Molecular Mechanics Modeling of Fatty Acid Amide Hydrolase Reactivation Distinguishes Substrate from Irreversible Covalent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2500-2512.	6.4	35
107	Synthesis and characterization of the first inhibitor of N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD). <i>Chemical Communications</i> , 2017, 53, 12814-12817.	4.1	33
108	Mast Cell-Derived Histamine Regulates Liver Ketogenesis via Oleoylethanolamide Signaling. <i>Cell Metabolism</i> , 2019, 29, 91-102.e5.	16.2	33

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109	FAAH inhibition as a preventive treatment for migraine: A pre-clinical study. <i>Neurobiology of Disease</i> , 2020, 134, 104624.	4.4	33
110	A role for the endocannabinoid 2-arachidonoyl-sn-glycerol for social and high-fat food reward in male mice. <i>Psychopharmacology</i> , 2016, 233, 1911-1919.	3.1	32
111	Endocannabinoid-Based Therapies. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 483-507.	9.4	32
112	Peroxide-Dependent MGL Sulfenylation Regulates 2-AG-Mediated Endocannabinoid Signaling in Brain Neurons. <i>Chemistry and Biology</i> , 2015, 22, 619-628.	6.0	31
113	Fluorine nuclear magnetic resonance-based assay in living mammalian cells. <i>Analytical Biochemistry</i> , 2016, 495, 52-59.	2.4	31
114	Vaccenic acid suppresses intestinal inflammation by increasing anandamide and related N-acylethanolamines in the JCR:LA-cp rat. <i>Journal of Lipid Research</i> , 2016, 57, 638-649.	4.2	30
115	Cannabinoid CB2 receptors mediate the anxiolytic-like effects of monoacylglycerol lipase inhibition in a rat model of predator-induced fear. <i>Neuropsychopharmacology</i> , 2020, 45, 1330-1338.	5.4	30
116	Cold Exposure Stimulates Synthesis of the Bioactive Lipid Oleoylethanolamide in Rat Adipose Tissue. <i>Journal of Biological Chemistry</i> , 2006, 281, 22815-22818.	3.4	29
117	Synthesis, Structure-Activity, and Structure-Stability Relationships of 2-Substituted-N-(4-oxo-3-oxetanyl)-N-Acylethanolamine Acid Amidase (NAAA) Inhibitors. <i>ChemMedChem</i> , 2014, 9, 323-336.		29
118	Characterization of the peripheral FAAH inhibitor, URB937, in animal models of acute and chronic migraine. <i>Neurobiology of Disease</i> , 2021, 147, 105157.	4.4	29
119	Potent multitarget FAAH-COX inhibitors: Design and structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 216-237.	5.5	28
120	Increased Renal 2-Arachidonoylglycerol Level Is Associated with Improved Renal Function in a Mouse Model of Acute Kidney Injury. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 218-228.	2.9	27
121	The ABC membrane transporter ABCG2 prevents access of FAAH inhibitor URB937 to the central nervous system. <i>Pharmacological Research</i> , 2011, 64, 359-363.	7.1	26
122	Potent β -amino- β -lactam carbamic acid ester as NAAA inhibitors. Synthesis and structure-activity relationship (SAR) studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 138-159.	5.5	26
123	Familial abnormalities of endocannabinoid signaling in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 117-125.	2.6	26
124	Activity-Based Probe for N-Acylethanolamine Acid Amidase. <i>ACS Chemical Biology</i> , 2015, 10, 2057-2064.	3.4	25
125	A protective role for N-acylphosphatidylethanolamine phospholipase D in 6-OHDA-induced neurodegeneration. <i>Scientific Reports</i> , 2019, 9, 15927.	3.3	25
126	Synthesis and Structure-Activity Relationship Studies of N-Biphenyl-3-yl Carbamates as Peripherally Restricted Fatty Acid Amide Hydrolase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5917-5930.	6.4	24

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127	Fast and Sensitive Quantification of δ^9 -Tetrahydrocannabinol and Its Main Oxidative Metabolites by Liquid Chromatography/Tandem Mass Spectrometry. <i>Cannabis and Cannabinoid Research</i> , 2019, 4, 110-123.	2.9	24
128	α -Aminoazetidinone Derivatives as N-Acylethanolamine Acid Amidase (NAAA) Inhibitors Suitable for Systemic Administration. <i>ChemMedChem</i> , 2014, 9, 1602-1614.	3.2	23
129	Effects of Acute Stress on Cardiac Endocannabinoids, Lipogenesis, and Inflammation in Rats. <i>Psychosomatic Medicine</i> , 2014, 76, 20-28.	2.0	20
130	Frequent Low-Dose δ^9 -Tetrahydrocannabinol in Adolescence Disrupts Microglia Homeostasis and Disables Responses to Microbial Infection and Social Stress in Young Adulthood. <i>Biological Psychiatry</i> , 2022, 92, 845-860.	1.3	18
131	Suppression of acute and anticipatory nausea by peripherally restricted fatty acid amide hydrolase inhibitor in animal models: role of PPAR α and CB ₁ receptors. <i>British Journal of Pharmacology</i> , 2017, 174, 3837-3847.	5.4	17
132	Peripheral Endocannabinoids Associated With Energy Expenditure in Native Americans of Southwestern Heritage. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1077-1087.	3.6	17
133	Acid ceramidase controls apoptosis and increases autophagy in human melanoma cells treated with doxorubicin. <i>Scientific Reports</i> , 2021, 11, 11221.	3.3	17
134	Dysfunctional oleoylethanolamide signaling in a mouse model of Prader-Willi syndrome. <i>Pharmacological Research</i> , 2017, 117, 75-81.	7.1	16
135	Inhibition of fatty acid amide hydrolase in the CNS prevents and reverses morphine tolerance in male and female mice. <i>British Journal of Pharmacology</i> , 2020, 177, 3024-3035.	5.4	16
136	Identification of a Widespread Palmitoylethanolamide Contamination in Standard Laboratory Glassware. <i>Cannabis and Cannabinoid Research</i> , 2017, 2, 123-132.	2.9	15
137	NAAA-regulated lipid signaling governs the transition from acute to chronic pain. <i>Science Advances</i> , 2021, 7, eabi8834.	10.3	15
138	Role of endocannabinoids and their analogues in obesity and eating disorders. <i>Eating and Weight Disorders</i> , 2011, 16, e72-e72.	2.5	14
139	N-Acylethanolamine Acid Amidase contributes to disease progression in a mouse model of multiple sclerosis. <i>Pharmacological Research</i> , 2020, 160, 105064.	7.1	14
140	Ablation of Acid Ceramidase Impairs Autophagy and Mitochondria Activity in Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3247.	4.1	14
141	Synthesis, Biological Evaluation, and 3D QSAR Study of 2-Methyl-4-oxo-3-oxetanylcarbamic Acid Esters as N-Acylethanolamine Acid Amidase (NAAA) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10101-10111.	6.4	13
142	Deficiency of Lipoprotein Lipase in Neurons Decreases AMPA Receptor Phosphorylation and Leads to Neurobehavioral Abnormalities in Mice. <i>PLoS ONE</i> , 2015, 10, e0135113.	2.5	13
143	Free-energy studies reveal a possible mechanism for oxidation-dependent inhibition of MGL. <i>Scientific Reports</i> , 2016, 6, 31046.	3.3	13
144	Patch clamp-assisted single neuron lipidomics. <i>Scientific Reports</i> , 2017, 7, 5318.	3.3	13

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