

# Patrizia Campolongo

## List of Publications by Year in descending order

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104  
papers

5,857  
citations

71102

41  
h-index

79698

73  
g-index

109  
all docs

109  
docs citations

109  
times ranked

5752  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antidepressant-like activity and modulation of brain monoaminergic transmission by blockade of anandamide hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18620-18625.	7.1	615
2	The Lipid Messenger OEA Links Dietary Fat Intake to Satiety. <i>Cell Metabolism</i> , 2008, 8, 281-288.	16.2	321
3	Endocannabinoids in the rat basolateral amygdala enhance memory consolidation and enable glucocorticoid modulation of memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4888-4893.	7.1	271
4	Anxiolytic-Like Properties of the Anandamide Transport Inhibitor AM404. <i>Neuropsychopharmacology</i> , 2006, 31, 2652-2659.	5.4	208
5	Evaluating the rewarding nature of social interactions in laboratory animals. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 444-458.	4.0	203
6	Functional Interactions between Stress and the Endocannabinoid System: From Synaptic Signaling to Behavioral Output. <i>Journal of Neuroscience</i> , 2010, 30, 14980-14986.	3.6	202
7	Integrating Endocannabinoid Signaling and Cannabinoids into the Biology and Treatment of Posttraumatic Stress Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 80-102.	5.4	170
8	Plasma Concentrations of Endocannabinoids and Related Primary Fatty Acid Amides in Patients with Post-Traumatic Stress Disorder. <i>PLoS ONE</i> , 2013, 8, e62741.	2.5	162
9	Endocannabinoids in Amygdala and Nucleus Accumbens Mediate Social Play Reward in Adolescent Rats. <i>Journal of Neuroscience</i> , 2012, 32, 14899-14908.	3.6	144
10	Fat-induced satiety factor oleoylethanolamide enhances memory consolidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8027-8031.	7.1	123
11	The endocannabinoid system: An emotional buffer in the modulation of memory function. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 30-43.	1.9	119
12	Glucocorticoids interact with the hippocampal endocannabinoid system in impairing retrieval of contextual fear memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3504-3509.	7.1	117
13	Endogenous cannabinoid release within prefrontal-limbic pathways affects memory consolidation of emotional training. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18333-18338.	7.1	115
14	Effects of perinatal exposure to delta-9-tetrahydrocannabinol on the emotional reactivity of the offspring: a longitudinal behavioral study in Wistar rats. <i>Psychopharmacology</i> , 2008, 198, 529-537.	3.1	110
15	Developmental consequences of perinatal cannabis exposure: behavioral and neuroendocrine effects in adult rodents. <i>Psychopharmacology</i> , 2011, 214, 5-15.	3.1	109
16	Dopaminergic Neurotransmission in the Nucleus Accumbens Modulates Social Play Behavior in Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 2215-2223.	5.4	109
17	Perinatal exposure to delta-9-tetrahydrocannabinol causes enduring cognitive deficits associated with alteration of cortical gene expression and neurotransmission in rats. <i>Addiction Biology</i> , 2007, 12, 485-495.	2.6	98
18	Sex-specific autistic endophenotypes induced by prenatal exposure to valproic acid involve anandamide signalling. <i>British Journal of Pharmacology</i> , 2018, 175, 3699-3712.	5.4	97

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19	Modulation of Neuropathic and Inflammatory Pain by the Endocannabinoid Transport Inhibitor AM404 [N-(4-Hydroxyphenyl)-eicosa-5,8,11,14-tetraenamide]. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1365-1371.	2.5	93
20	Targeting anandamide metabolism rescues core and associated autistic-like symptoms in rats prenatally exposed to valproic acid. <i>Translational Psychiatry</i> , 2016, 6, e902-e902.	4.8	93
21	Role of the endocannabinoid system in regulating glucocorticoid effects on memory for emotional experiences. <i>Neuroscience</i> , 2012, 204, 104-116.	2.3	89
22	Palmitoylethanolamide controls reactive gliosis and exerts neuroprotective functions in a rat model of Alzheimer's disease. <i>Cell Death and Disease</i> , 2014, 5, e1419-e1419.	6.3	79
23	Endocannabinoid Signaling within the Basolateral Amygdala Integrates Multiple Stress Hormone Effects on Memory Consolidation. <i>Neuropsychopharmacology</i> , 2015, 40, 1485-1494.	5.4	73
24	The endocannabinoid system as a possible target to treat both the cognitive and emotional features of post-traumatic stress disorder (PTSD). <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 100.	2.0	69
25	Anandamide and neutrophil function in patients with fibromyalgia. <i>Psychoneuroendocrinology</i> , 2008, 33, 676-685.	2.7	65
26	Social play behavior, ultrasonic vocalizations and their modulation by morphine and amphetamine in Wistar and Sprague-Dawley rats. <i>Psychopharmacology</i> , 2014, 231, 1661-1673.	3.1	64
27	Rhes Is Involved in Striatal Function. <i>Molecular and Cellular Biology</i> , 2004, 24, 5788-5796.	2.3	63
28	Enhancing Endocannabinoid Neurotransmission Augments The Efficacy of Extinction Training and Ameliorates Traumatic Stress-Induced Behavioral Alterations in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 1284-1296.	5.4	63
29	Novelty-Induced Emotional Arousal Modulates Cannabinoid Effects on Recognition Memory and Adrenocortical Activity. <i>Neuropsychopharmacology</i> , 2013, 38, 1276-1286.	5.4	61
30	Propofol Enhances Memory Formation via an Interaction with the Endocannabinoid System. <i>Anesthesiology</i> , 2011, 114, 1380-1388.	2.5	59
31	Training-Associated Emotional Arousal Shapes Endocannabinoid Modulation of Spatial Memory Retrieval in Rats. <i>Journal of Neuroscience</i> , 2015, 35, 13962-13974.	3.6	58
32	Emotional arousal state influences the ability of amygdalar endocannabinoid signaling to modulate anxiety. <i>Neuropharmacology</i> , 2016, 111, 59-69.	4.1	58
33	The endocannabinoid system and Post Traumatic Stress Disorder (PTSD): From preclinical findings to innovative therapeutic approaches in clinical settings. <i>Pharmacological Research</i> , 2016, 111, 668-678.	7.1	57
34	Chapter 9 Developmental Exposure to Cannabinoids Causes Subtle and Enduring Neurofunctional Alterations. <i>International Review of Neurobiology</i> , 2009, 85, 117-133.	2.0	56
35	Altering endocannabinoid neurotransmission at critical developmental ages: impact on rodent emotionality and cognitive performance. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 2.	2.0	55
36	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 211.	2.0	55

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37	Strain- and context-dependent effects of the anandamide hydrolysis inhibitor URB597 on social behavior in rats. <i>European Neuropsychopharmacology</i> , 2014, 24, 1337-1348.	0.7	53
38	Distinct roles of the endocannabinoids anandamide and 2-arachidonoylglycerol in social behavior and emotionality at different developmental ages in rats. <i>European Neuropsychopharmacology</i> , 2015, 25, 1362-1374.	0.7	51
39	Enhanced brain activity associated with memory access in highly superior autobiographical memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7795-7800.	7.1	46
40	Effects of ketamine, dexmedetomidine and propofol anesthesia on emotional memory consolidation in rats: Consequences for the development of post-traumatic stress disorder. <i>Behavioural Brain Research</i> , 2017, 329, 215-220.	2.2	45
41	The role of glucocorticoids, catecholamines and endocannabinoids in the development of traumatic memories and posttraumatic stress symptoms in survivors of critical illness. <i>Neurobiology of Learning and Memory</i> , 2014, 112, 68-74.	1.9	43
42	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. <i>Materials Science and Engineering C</i> , 2015, 48, 328-336.	7.3	43
43	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. <i>Neurobiology of Stress</i> , 2021, 14, 100286.	4.0	42
44	Role of cannabinoidergic mechanisms in ethanol self-administration and ethanol seeking in rat adult offspring following perinatal exposure to $\delta^9$ -tetrahydrocannabinol. <i>Toxicology and Applied Pharmacology</i> , 2007, 223, 73-85.	2.8	41
45	The endocannabinoid transport inhibitor AM404 differentially modulates recognition memory in rats depending on environmental aversiveness. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 11.	2.0	41
46	An updated animal model capturing both the cognitive and emotional features of post-traumatic stress disorder (PTSD). <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 142.	2.0	41
47	Impaired repair of DNA damage is associated with autistic-like traits in rats prenatally exposed to valproic acid. <i>European Neuropsychopharmacology</i> , 2018, 28, 85-96.	0.7	40
48	Pharmacological inhibition of 2-arachidonoylglycerol hydrolysis enhances memory consolidation in rats through CB2 receptor activation and mTOR signaling modulation. <i>Neuropharmacology</i> , 2018, 138, 210-218.	4.1	40
49	Memantine prevents memory consolidation failure induced by soluble beta amyloid in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 332.	2.0	38
50	Cannabinoid Modulation of Memory Consolidation in Rats: Beyond the Role of Cannabinoid Receptor Subtype 1. <i>Frontiers in Pharmacology</i> , 2017, 08, 200.	3.5	34
51	Enhanced Anandamide Plasma Levels in Patients with Complex Regional Pain Syndrome following Traumatic Injury: A Preliminary Report. <i>European Surgical Research</i> , 2009, 43, 325-329.	1.3	33
52	Glucocorticoid-endocannabinoid interaction in cardiac surgical patients: relationship to early cognitive dysfunction and late depression. <i>Reviews in the Neurosciences</i> , 2012, 23, 681-90.	2.9	30
53	Quantification of anandamide and 2-arachidonoylglycerol plasma levels to examine potential influences of tetrahydrocannabinol application on the endocannabinoid system in humans. <i>Drug Testing and Analysis</i> , 2014, 6, 17-23.	2.6	28
54	Lifelong imbalanced LA/ALA intake impairs emotional and cognitive behavior via changes in brain endocannabinoid system. <i>Journal of Lipid Research</i> , 2017, 58, 301-316.	4.2	28

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55	Soluble beta amyloid evokes alteration in brain norepinephrine levels: role of nitric oxide and interleukin-1. <i>Frontiers in Neuroscience</i> , 2015, 9, 428.	2.8	27
56	Scopolamine effects on ultrasonic vocalization emission and behavior in the neonatal mouse. <i>Behavioural Brain Research</i> , 2004, 151, 9-16.	2.2	26
57	Systemic Administration of Substance P Recovers Beta Amyloid-Induced Cognitive Deficits in Rat: Involvement of Kv Potassium Channels. <i>PLoS ONE</i> , 2013, 8, e78036.	2.5	26
58	“Natural” relief of pregnancy-related symptoms and neonatal outcomes: above all do no harm. <i>Journal of Ethnopharmacology</i> , 2015, 174, 396-402.	4.1	26
59	Predicting susceptibility and resilience in an animal model of post-traumatic stress disorder (PTSD). <i>Translational Psychiatry</i> , 2020, 10, 243.	4.8	24
60	Looking for a Treatment for the Early Stage of Alzheimer’s Disease: Preclinical Evidence with Co-Ultramicronized Palmitoylethanolamide and Luteolin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3802.	4.1	24
61	Lipid nanoparticles for administration of poorly water soluble neuroactive drugs. <i>Biomedical Microdevices</i> , 2017, 19, 44.	2.8	22
62	Effects of myosin heavy chain (MHC) plasticity induced by HMGCoA reductase inhibition on skeletal muscle functions. <i>FASEB Journal</i> , 2011, 25, 4037-4047.	0.5	21
63	Testing the correlation between experimentally-induced hypothyroidism during pregnancy and autistic-like symptoms in the rat offspring. <i>Behavioural Brain Research</i> , 2017, 321, 113-122.	2.2	21
64	Acute and chronic neurobehavioral effects of the designer drug and bath salt constituent 3,4-methylenedioxypyrovalerone in the rat. <i>Journal of Psychopharmacology</i> , 2019, 33, 392-405.	4.0	21
65	Perinatal supplementation with omega-3 fatty acids corrects the aberrant social and cognitive traits observed in a genetic model of autism based on FMR1 deletion in rats. <i>Nutritional Neuroscience</i> , 2022, 25, 898-911.	3.1	21
66	Sex-divergent long-term effects of single prolonged stress in adult rats. <i>Behavioural Brain Research</i> , 2021, 401, 113096.	2.2	21
67	INTESTINAL MOTILITY DISORDER INDUCED BY FREE RADICALS: A NEW MODEL MIMICKING OXIDATIVE STRESS IN GUT. <i>Pharmacological Research</i> , 2002, 46, 533-538.	7.1	20
68	Hippocampal glucocorticoid target genes associated with enhancement of memory consolidation. <i>European Journal of Neuroscience</i> , 2022, 55, 2666-2683.	2.6	20
69	Cannabinoid modulation of mother-infant interaction: is it just about milk?. <i>Reviews in the Neurosciences</i> , 2012, 23, 707-22.	2.9	19
70	Modeling specific phobias and posttraumatic stress disorder in rodents: the challenge to convey both cognitive and emotional features. <i>Reviews in the Neurosciences</i> , 2012, 23, 645-57.	2.9	18
71	The endocannabinoid system: a key modulator of emotions and cognition. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 73.	2.0	18
72	The prokineticin receptor antagonist PC1 rescues memory impairment induced by $\beta^2$ amyloid administration through the modulation of prokineticin system. <i>Neuropharmacology</i> , 2019, 158, 107739.	4.1	18

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73	Modulations of Neuroendocrine Stress Responses During Confinement in Antarctica and the Role of Hypobaric Hypoxia. <i>Frontiers in Physiology</i> , 2018, 9, 1647.	2.8	17
74	The neurochemistry of social reward during development: What have we learned from rodent models?. <i>Journal of Neurochemistry</i> , 2021, 157, 1408-1435.	3.9	17
75	Toward Understanding the Neurobiology of Social Attachment: Role of Estrogen Receptors in the Medial Amygdala. <i>Journal of Neuroscience</i> , 2009, 29, 1-2.	3.6	16
76	Glucocorticoid interactions with the dorsal striatal endocannabinoid system in regulating inhibitory avoidance memory. <i>Psychoneuroendocrinology</i> , 2019, 99, 97-103.	2.7	16
77	Cognitive impairment and increased brain neurosteroids in adult rats perinatally exposed to low millimolar blood alcohol concentrations. <i>Psychoneuroendocrinology</i> , 2007, 32, 931-942.	2.7	15
78	Anandamide modulation of circadian- and stress-dependent effects on rat short-term memory. <i>Psychoneuroendocrinology</i> , 2019, 108, 155-162.	2.7	14
79	Social Defeat Stress during Early Adolescence Confers Resilience against a Single Episode of Prolonged Stress in Adult Rats. <i>Cells</i> , 2021, 10, 360.	4.1	14
80	Enhanced cortical specialization to distinguish older and newer memories in highly superior autobiographical memory. <i>Cortex</i> , 2020, 129, 476-483.	2.4	14
81	Highly superior autobiographical memory in aging: A single case study. <i>Cortex</i> , 2021, 143, 267-280.	2.4	10
82	Co-Ultramicronized Palmitoylethanolamide/Luteolin Restores Oligodendrocyte Homeostasis via Peroxisome Proliferator-Activated Receptor- $\alpha$ in an In Vitro Model of Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 1236.	3.2	10
83	Unidirectional opioid-cannabinoid cross-tolerance in the modulation of social play behavior in rats. <i>Psychopharmacology</i> , 2019, 236, 2557-2568.	3.1	9
84	Amphetamine and the Smart Drug 3,4-Methylenedioxypyrovalerone (MDPV) Induce Generalization of Fear Memory in Rats. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 292.	2.9	9
85	Hippocampal 2-Arachidonoyl Glycerol Signaling Regulates Time-of-Day- and Stress-Dependent Effects on Rat Short-Term Memory. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7316.	4.1	9
86	Effect on rat arterial blood pressure of chemically generated peroxy radicals and protection by antioxidants. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 323-327.	4.2	8
87	Altered Hippocampal Resting-state Functional Connectivity in Highly Superior Autobiographical Memory. <i>Neuroscience</i> , 2022, 480, 1-8.	2.3	8
88	Ketamine anesthesia enhances fear memory consolidation via noradrenergic activation in the basolateral amygdala. <i>Neurobiology of Learning and Memory</i> , 2021, 178, 107362.	1.9	7
89	Endocannabinoid signaling integrates multiple stress hormone effects on memory consolidation. <i>Psychoneuroendocrinology</i> , 2015, 61, 5.	2.7	5
90	Detrimental effects of the $\kappa$ -bath salt™ methylenedioxypyrovalerone on social play behavior in male rats. <i>Neuropsychopharmacology</i> , 2020, 45, 2012-2019.	5.4	5

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91	Perinatal exposure to omega-3 fatty acid imbalance leads to early behavioral alterations in rat pups. Behavioural Brain Research, 2020, 392, 112723.	2.2	5
92	Effects of sevoflurane and clonidine on acid base status and long-term emotional and cognitive outcomes in spontaneously breathing rat pups. PLoS ONE, 2017, 12, e0173969.	2.5	4
93	Basolateral amygdala activation enhances object recognition memory by inhibiting anterior insular cortex activity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	4
94	Circadian regulation of memory under stress: Endocannabinoids matter. Neuroscience and Biobehavioral Reviews, 2022, 138, 104712.	6.1	3
95	Individuals with highly superior autobiographical memory do not show enhanced creative thinking. Memory, 2022, 30, 1148-1157.	1.7	3
96	Building Bridges through Science. Neuron, 2017, 96, 730-735.	8.1	2
97	Sex-dependent Effects of the Drugs of Abuse Amphetamine and the Smart Drug 3,4-Methylenedioxypyrovalerone on Fear Memory Generalization in Rats. Neuroscience, 2021, , .	2.3	2
98	E.12 - DOPAMINERGIC NEUROTRANSMISSION IN NUCLEUS ACCUMBENS MEDIATES SOCIAL PLAY BEHAVIOR IN ADOLESCENT RATS. Behavioural Pharmacology, 2013, 24, e44.	1.7	1
99	Amphetamine Modulation of Long-Term Object Recognition Memory in Rats: Influence of Stress. Frontiers in Pharmacology, 2021, 12, 644521.	3.5	1
100	NANOSYMPOSIUM N 2 SOCIAL BEHAVIOR. Behavioural Pharmacology, 2013, 24, e18-e19.	1.7	0
101	Endocannabinoid modulation of short-term recognition memory in rats: Influence of stress and circadian rhythm. Psychoneuroendocrinology, 2019, 107, 14.	2.7	0
102	Enduring effects induced by brief and repeated periods of social isolation stress during early adolescence. Psychoneuroendocrinology, 2019, 107, 5.	2.7	0
103	Role of Endocannabinoids in Regulating Glucocorticoid Effects on Memory for Emotionally Arousing Experiences. , 2014, , 71-98.		0
104	Endocannabinoid Modulation of Memory for Emotionally Arousing Experiences. , 2015, , 3-21.		0