

# Flaminia Pavone

## List of Publications by Year in descending order

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74  
papers

6,891  
citations

185998

28  
h-index

79541

73  
g-index

75  
all docs

75  
docs citations

75  
times ranked

16338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexually Dimorphic Immune and Neuroimmune Changes Following Peripheral Nerve Injury in Mice: Novel Insights for Gender Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4397.	1.8	16
2	Impact of caloric restriction on peripheral nerve injury-induced neuropathic pain during ageing in mice. <i>European Journal of Pain</i> , 2020, 24, 374-382.	1.4	9
3	Revealing the Therapeutic Potential of Botulinum Neurotoxin Type A in Counteracting Paralysis and Neuropathic Pain in Spinally Injured Mice. <i>Toxins</i> , 2020, 12, 491.	1.5	15
4	Very Early Involvement of Innate Immunity in Peripheral Nerve Degeneration in SOD1-G93A Mice. <i>Frontiers in Immunology</i> , 2020, 11, 575792.	2.2	7
5	Innovative mouse model mimicking human-like features of spinal cord injury: efficacy of Docosahexaenoic acid on acute and chronic phases. <i>Scientific Reports</i> , 2019, 9, 8883.	1.6	12
6	Botulinum Toxin B Affects Neuropathic Pain but Not Functional Recovery after Peripheral Nerve Injury in a Mouse Model. <i>Toxins</i> , 2018, 10, 128.	1.5	13
7	Botulinum neurotoxin A promotes functional recovery after peripheral nerve injury by increasing regeneration of myelinated fibers. <i>Neuroscience</i> , 2017, 359, 82-91.	1.1	37
8	Comparison of the Expression Changes after Botulinum Toxin Type A and Minocycline Administration in Lipopolysaccharide-Stimulated Rat Microglial and Astroglial Cultures. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 141.	1.8	44
9	17beta-estradiol counteracts neuropathic pain: a behavioural, immunohistochemical and proteomic investigation on sex-related differences in mice. <i>Scientific Reports</i> , 2016, 6, 18980.	1.6	64
10	Participation of pro- and anti-nociceptive interleukins in botulinum toxin A-induced analgesia in a rat model of neuropathic pain. <i>European Journal of Pharmacology</i> , 2016, 791, 377-388.	1.7	57
11	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
12	D-Aspartate Modulates Nociceptive-Specific Neuron Activity and Pain Threshold in Inflammatory and Neuropathic Pain Condition in Mice. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	27
13	Botulinum Toxin Type A as a Therapeutic Agent against Headache and Related Disorders. <i>Toxins</i> , 2015, 7, 3818-3844.	1.5	55
14	Effects of age-related loss of P/Q-type calcium channels in a mice model of peripheral nerve injury. <i>Neurobiology of Aging</i> , 2015, 36, 352-364.	1.5	11
15	M2 Receptors Exert Analgesic Action on DRG Sensory Neurons by Negatively Modulating VR1 Activity. <i>Journal of Cellular Physiology</i> , 2014, 229, 783-790.	2.0	14
16	Higher pain perception and lack of recovery from neuropathic pain in females: A behavioural, immunohistochemical, and proteomic investigation on sex-related differences in mice. <i>Pain</i> , 2014, 155, 388-402.	2.0	104
17	Is BoNT/B useful for pain treatment?. <i>Pain</i> , 2014, 155, 649-650.	2.0	3
18	Schwann cell autophagy counteracts the onset and chronification of neuropathic pain. <i>Pain</i> , 2014, 155, 93-107.	2.0	98

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19	Botulinum toxin A increases analgesic effects of morphine, counters development of morphine tolerance and modulates glia activation and $\delta$ opioid receptor expression in neuropathic mice. <i>Brain, Behavior, and Immunity</i> , 2013, 32, 40-50.	2.0	46
20	Botulinum neurotoxin A enhances the analgesic effects on inflammatory pain and antagonizes tolerance induced by morphine in mice. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 489-499.	2.0	23
21	Modulation of nociception by social factors in rodents: contribution of the opioid system. <i>Psychopharmacology</i> , 2012, 224, 189-200.	1.5	17
22	Single Cycle Structure-Based Humanization of an Anti-Nerve Growth Factor Therapeutic Antibody. <i>PLoS ONE</i> , 2012, 7, e32212.	1.1	8
23	Intranasal $\alpha$ -painless $\beta$ -Human Nerve Growth Factors Slows Amyloid Neurodegeneration and Prevents Memory Deficits in App X PS1 Mice. <i>PLoS ONE</i> , 2012, 7, e37555.	1.1	60
24	The Analgesic Effect on Neuropathic Pain of Retrogradely Transported botulinum Neurotoxin A Involves Schwann Cells and Astrocytes. <i>PLoS ONE</i> , 2012, 7, e47977.	1.1	132
25	The Novel Reversible Fatty Acid Amide Hydrolase Inhibitor ST4070 Increases Endocannabinoid Brain Levels and Counteracts Neuropathic Pain in Different Animal Models. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 188-195.	1.3	60
26	Cognitive and neural determinants of response strategy in the dual-solution plus-maze task. <i>Learning and Memory</i> , 2011, 18, 241-244.	0.5	26
27	Similar effects of nifedipine and hydralazine on anaesthesia and hypermotility induced by pentobarbitone in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 453-455.	1.2	5
28	Nifedipine-morphine interaction: a further investigation on nociception and locomotor activity in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 773-776.	1.2	10
29	Suppression of pentobarbitone-induced hyperactivity by past experience in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 41, 784-785.	1.2	2
30	Taking Pain Out of NGF: A $\alpha$ -Painless $\beta$ -NGF Mutant, Linked to Hereditary Sensory Autonomic Neuropathy Type V, with Full Neurotrophic Activity. <i>PLoS ONE</i> , 2011, 6, e17321.	1.1	84
31	Changes induced by formalin pain in central $\delta$ 1-adrenoceptor density are modulated by adenosine receptor agonists. <i>Journal of Neural Transmission</i> , 2010, 117, 549-558.	1.4	7
32	Botulinum Neurotoxin for Pain Management: Insights from Animal Models. <i>Toxins</i> , 2010, 2, 2890-2913.	1.5	64
33	In vitro receptor binding properties of a $\alpha$ -painless $\beta$ -NGF mutein, linked to hereditary sensory autonomic neuropathy type V. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 824-829.	1.0	47
34	The Rac GTPase-activating bacterial protein toxin CNF1 induces analgesia up-regulating $\delta$ 4-opioid receptors. <i>Pain</i> , 2009, 145, 219-229.	2.0	24
35	The VGF-derived peptide TLQP-21: A new modulatory peptide for inflammatory pain. <i>Neuroscience Letters</i> , 2008, 441, 129-133.	1.0	38
36	The function neutralizing anti-TrkA antibody MNAC13 reduces inflammatory and neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2985-2990.	3.3	115

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37	Mild postnatal manipulation reduces proenkephalin mRNA in the striatum in developing mice and increases morphine conditioned place preference in adulthood. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 87, 122-129.	1.3	7
38	The role of the vgf gene and VGF-derived peptides in nutrition and metabolism. <i>Genes and Nutrition</i> , 2007, 2, 169-180.	1.2	43
39	â€œTissueâ€transglutaminase contributes to the formation of disulphide bridges in proteins of mitochondrial respiratory complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1357-1365.	0.5	67
40	Botulinum neurotoxins and formalin-induced pain: Central vs. peripheral effects in mice. <i>Brain Research</i> , 2006, 1082, 124-131.	1.1	71
41	Toxicity of botulinum neurotoxins in central nervous system of mice. <i>Toxicon</i> , 2003, 41, 475-481.	0.8	39
42	Formalin-induced pain and $\mu$ -opioid receptor density in brain and spinal cord are modulated by A1 and A2a adenosine agonists in mice. <i>Brain Research</i> , 2002, 956, 339-348.	1.1	29
43	Shuttle-Box Avoidance Learning in Mice: Improvement by Glucose Combined with Stimulant Drugs. <i>Neurobiology of Learning and Memory</i> , 2000, 73, 94-100.	1.0	12
44	Effects of postnatal manipulation on nociception and morphine sensitivity in adult mice. <i>Developmental Brain Research</i> , 1999, 117, 15-20.	2.1	22
45	Oxotremorine-induced modifications of the behavioral and neuroendocrine responses to formalin pain in male rats. <i>Brain Research</i> , 1999, 830, 292-300.	1.1	9
46	Attenuation by Nimodipine of Amitriptyline-Induced Avoidance Impairment in Mice. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 62, 613-618.	1.3	8
47	Effects of the Novel Acetylcholinesterase Inhibitor N-Octyl-1,2,3,4-tetrahydro-9-aminoacridine on Locomotor Activity and Avoidance Learning in Mice. <i>Neurobiology of Learning and Memory</i> , 1999, 71, 301-307.	1.0	4
48	MK-801-Induced Disruptions of One-Trial Inhibitory Avoidance Are Potentiated by Stress and Reversed by Naltrexone. <i>Neurobiology of Learning and Memory</i> , 1999, 72, 215-229.	1.0	30
49	Attenuation by glucose of the hyperactivity induced in mice by combined tripeleppamine and morphine. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 135-139.	1.2	1
50	Shuttle-Box Avoidance Learning in Mice: Improvement by Combined Glucose and Tacrine. <i>Neurobiology of Learning and Memory</i> , 1998, 69, 204-210.	1.0	19
51	Studies on a new series of THA analogues: Effects of the aromatic residues that line the gorge of AChE. <i>FEBS Letters</i> , 1997, 409, 155-160.	1.3	7
52	Prevention of amitriptyline-induced avoidance impairment by tacrine in mice. <i>Behavioural Brain Research</i> , 1997, 89, 229-236.	1.2	12
53	Reunion of Separated Sibling Mice: Neurobiological and Behavioral Aspects. <i>Neurobiology of Learning and Memory</i> , 1996, 65, 9-16.	1.0	34
54	Time-related effects of stress on cholinergic sensitivity. <i>Brain Research</i> , 1996, 743, 333-336.	1.1	12

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55	Effects of oxotremorine on inhibitory avoidance behaviour in two inbred strains of mice: interaction with 5-methoxy-NN-dimethyltriptamine. <i>Psychopharmacology</i> , 1993, 112, 249-252.	1.5	15
56	Endogenous opioids: A proximate reward mechanism for kin selection?. <i>Behavioral and Neural Biology</i> , 1993, 60, 79-83.	2.3	47
57	Attenuation of cholinergic analgesia by nifedipine. <i>Brain Research</i> , 1993, 623, 308-310.	1.1	4
58	Serotonergic influence on cholinergic-induced analgesia: differences in two inbred strains of mice. <i>Brain Research</i> , 1992, 577, 347-350.	1.1	7
59	Role of anxiety in subordinate male mice sexual behavior. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 43, 181-185.	1.3	16
60	Amygdala and dorsal hippocampus lesions block the effects of GABAergic drugs on memory storage. <i>Brain Research</i> , 1991, 551, 104-109.	1.1	52
61	Reduction of oxotremorine-induced analgesia after chronic but not acute restraint stress. <i>Psychopharmacology</i> , 1991, 104, 57-61.	1.5	4
62	Deltorphin, a naturally occurring peptide with high selectivity for $\hat{\mu}$ opioid receptors, improves memory consolidation in two inbred strains of mice. <i>Peptides</i> , 1990, 11, 591-594.	1.2	27
63	Chronic administration of phosphatidylserine during ontogeny enhances subject-environment interactions and radial maze performance in C57BL/6 mice. <i>Physiology and Behavior</i> , 1990, 47, 755-760.	1.0	7
64	Age-related cholinergic drug effects on analgesia in two inbred strains of mice. <i>Brain Research</i> , 1990, 510, 150-153.	1.1	6
65	Effects of naloxone and naltrexone on memory consolidation in CD1 mice: Involvement of GABAergic mechanisms. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 32, 563-567.	1.3	37
66	Pentobarbital-induced hyperactivity in mice: Negligible role of opioid mechanisms. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 33, 927-929.	1.3	7
67	Phosphatidylserine administration during postnatal development improves memory in adult mice. <i>Neuroscience Letters</i> , 1989, 101, 229-233.	1.0	6
68	Effects of ethanol on passive avoidance behavior in the mouse: Involvement of GABAergic mechanisms. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 29, 321-324.	1.3	44
69	Effects of flunitrazepam on passive avoidance behaviour in mice subjected to immobilization stress or familiarized with the testing apparatus. <i>Behavioural Brain Research</i> , 1986, 22, 91-95.	1.2	2
70	Dose- and strain-dependent effects of dermorphin and [D-Ala <sup>2</sup> -D-Leu <sup>5</sup> ]enkephalin on passive avoidance behavior in mice.. <i>Behavioral Neuroscience</i> , 1985, 99, 1120-1127.	0.6	31
71	Effects of tifludom on passive avoidance behaviour in DBA/2 mice. <i>Behavioural Brain Research</i> , 1985, 15, 177-181.	1.2	11
72	Morphine and memory in DBA/2 mice: Effects of stress and of prior experience. <i>Behavioural Brain Research</i> , 1984, 11, 3-10.	1.2	48

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73	Naltrexone-reversible effects of flunitrazepam on locomotor activity and passive avoidance behaviour in mice. <i>European Journal of Pharmacology</i> , 1984, 104, 111-116.	1.7	22
74	Naloxone-reversible effects of ethanol on passive avoidance behavior in mice. <i>Physiological Psychology</i> , 1983, 11, 291-295.	0.8	17