

# Natalija Popovic

## List of Publications by Year in descending order

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44  
papers

2,033  
citations

430874

18  
h-index

243625

44  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of autoimmune encephalomyelitis by a tetracycline. <i>Annals of Neurology</i> , 2002, 51, 215-223.	5.3	294
2	Orexin loss in Huntington's disease. <i>Human Molecular Genetics</i> , 2005, 14, 39-47.	2.9	246
3	Senescence-associated secretory phenotype contributes to pathological angiogenesis in retinopathy. <i>Science Translational Medicine</i> , 2016, 8, 362ra144.	12.4	177
4	The use of the R6 transgenic mouse models of Huntington's disease in attempts to develop novel therapeutic strategies. <i>NeuroRx</i> , 2005, 2, 447-464.	6.0	174
5	Reduced hippocampal neurogenesis in R6/2 transgenic Huntington's disease mice. <i>Neurobiology of Disease</i> , 2005, 20, 744-751.	4.4	158
6	The R6/2 transgenic mouse model of Huntington's disease develops diabetes due to deficient $\beta^2$ -cell mass and exocytosis. <i>Human Molecular Genetics</i> , 2005, 14, 565-574.	2.9	129
7	Progressive alterations in the hypothalamic-pituitary-adrenal axis in the R6/2 transgenic mouse model of Huntington's disease. <i>Human Molecular Genetics</i> , 2006, 15, 1713-1721.	2.9	122
8	Asialoerythropoietin is not effective in the R6/2 line of Huntington's disease mice. <i>BMC Neuroscience</i> , 2004, 5, 17.	1.9	63
9	Reduction of GnRH and infertility in the R6/2 mouse model of Huntington's disease. <i>European Journal of Neuroscience</i> , 2005, 22, 1541-1546.	2.6	61
10	Age-related brain pathology in <i>Octodon degu</i> : Blood vessel, white matter and Alzheimer-like pathology. <i>Neurobiology of Aging</i> , 2011, 32, 1651-1661.	3.1	58
11	Importance of Immunological and Inflammatory Processes in the Pathogenesis and THERAPY of Alzheimer's Disease. <i>International Journal of Neuroscience</i> , 1998, 95, 203-236.	1.6	49
12	BMP9 (Bone Morphogenetic Protein-9)/Alk1 (Activin-Like Kinase Receptor Type I) Signaling Prevents Hyperglycemia-Induced Vascular Permeability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1821-1836.	2.4	49
13	Lentiviral gene delivery of GDNF into the striatum of R6/2 Huntington mice fails to attenuate behavioral and neuropathological changes. <i>Experimental Neurology</i> , 2005, 193, 65-74.	4.1	45
14	Long-term social isolation in the adulthood results in CA1 shrinkage and cognitive impairment. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 31-39.	1.9	44
15	Decreased VIP and VPAC2 receptor expression in the biological clock of the R6/2 Huntington's disease mouse. <i>Journal of Molecular Neuroscience</i> , 2007, 31, 139-148.	2.3	42
16	Neuropilin-1 expression in adipose tissue macrophages protects against obesity and metabolic syndrome. <i>Science Immunology</i> , 2018, 3, .	11.9	41
17	Aging and time-of-day effects on anxiety in female <i>Octodon degus</i> . <i>Behavioural Brain Research</i> , 2009, 200, 117-121.	2.2	31
18	Barnes maze performance of <i>Octodon degus</i> is gender dependent. <i>Behavioural Brain Research</i> , 2010, 212, 159-167.	2.2	21

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19	Time-of-Day and Age Impact on Memory in Elevated Plus-Maze Test in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 304.	2.0	21
20	Behavioral and Adaptive Status in an Experimental Model of Alzheimer's Disease in Rats. <i>International Journal of Neuroscience</i> , 1996, 86, 281-299.	1.6	18
21	The common, autoimmunity-predisposing 620Arg&gt;Trp variant of PTPN22 modulates macrophage function and morphology. <i>Journal of Autoimmunity</i> , 2017, 79, 74-83.	6.5	17
22	Verapamil and Alzheimer's Disease: Past, Present, and Future. <i>Frontiers in Pharmacology</i> , 2020, 11, 562.	3.5	16
23	Effect of Physostigmine and Verapamil on Active Avoidance in an Experimental Model of Alzheimer's Disease. <i>International Journal of Neuroscience</i> , 1997, 90, 87-97.	1.6	15
24	Time course of scopolamine effect on memory consolidation and forgetting in rats. <i>Neurobiology of Learning and Memory</i> , 2015, 118, 49-54.	1.9	15
25	Cold Restraint-Induced Gastric Lesions in Individual- and Group-Stressed Rats. <i>International Journal of Neuroscience</i> , 1997, 91, 1-10.	1.6	13
26	Sex and Time-of-Day Impact on Anxiety and Passive Avoidance Memory Strategies in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 68.	2.0	13
27	Open Field Behavior in Nucleus Basalis Magnocellularis-Lesioned Rats Treated with Physostigmine and Verapamil. <i>International Journal of Neuroscience</i> , 1997, 91, 181-188.	1.6	10
28	Verapamil Blocks Scopolamine Enhancement Effect on Memory Consolidation in Passive Avoidance Task in Rats. <i>Frontiers in Pharmacology</i> , 2017, 8, 566.	3.5	10
29	Post-Training Scopolamine Treatment Induced Maladaptive Behavior in Open Field Habituation Task in Rats. <i>PLoS ONE</i> , 2014, 9, e100348.	2.5	10
30	Verapamil prevents, in a dose-dependent way, the loss of ChAT-immunoreactive neurons in the cerebral cortex following lesions of the rat nucleus basalis magnocellularis. <i>Experimental Brain Research</i> , 2006, 170, 368-375.	1.5	9
31	The diurnal variation of open-field habituation in rats. <i>Behavioural Processes</i> , 2020, 178, 104186.	1.1	8
32	Humoral and Cell-Mediated Immune Responses Following Lesions of the Nucleus Basalis Magnocellularis in the Rat. <i>International Journal of Neuroscience</i> , 1997, 89, 165-176.	1.6	7
33	Immune Responses in Nucleus Basalis Magnocellularis-Lesioned Rats Exposed to Chronic Isolation Stress. <i>International Journal of Neuroscience</i> , 2000, 100, 125-131.	1.6	6
34	Aging, Aluminium and Basal Forebrain Lesions Modify Substrate Kinetics of Erythrocyte Membrane Na,K-ATPase in the Rat. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 85-93.	2.6	6
35	Effect of acute physostigmine and verapamil treatment on aggressive and depressive behavior in rats with lesioned nucleus basalis magnocellularis. <i>Neuroscience Research Communications</i> , 1998, 23, 13-22.	0.2	5
36	Verapamil Parameter- and Dose-Dependently Impairs Memory Consolidation in Open Field Habituation Task in Rats. <i>Frontiers in Pharmacology</i> , 2016, 7, 539.	3.5	5

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37	COCO/DAND5 inhibits developmental and pathological ocular angiogenesis. <i>EMBO Molecular Medicine</i> , 2021, 13, e12005.	6.9	5
38	NADPH-diaphorase activity in the frontal cortex of NBM-lesioned rats treated with verapamil. <i>Neuroscience Research Communications</i> , 2001, 28, 115-122.	0.2	4
39	EFFECT OF NEURAL TRANSPLANTATION ON DEPRESSIVE BEHAVIOR IN RATS WITH LESIONED NUCLEUS BASALIS MAGNOCELLULARIS. <i>International Journal of Neuroscience</i> , 2002, 112, 105-115.	1.6	4
40	Learning and Memory in Nucleus Basalis Magnocellularis-Lesioned Rats After Transplantation of Fetal Frontal Cortex. <i>International Journal of Neuroscience</i> , 1997, 91, 11-28.	1.6	3
41	Widespread Doublecortin Expression in the Cerebral Cortex of the Octodon degus. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 656882.	1.7	3
42	Effect of acute verapamil treatment on body temperature in nucleus basalis magnocellularis-lesioned rats. <i>Neuroscience Research Communications</i> , 1998, 23, 181-187.	0.2	2
43	Cold Restraint-Induced Gastric Lesions in Individual-and Group-Stressed rats in an Experimental Model of Alzheimer's Disease. <i>International Journal of Neuroscience</i> , 1998, 94, 251-257.	1.6	2
44	Effect of acute verapamil treatment on cold restraint-induced gastric lesions in rats with lesioned nucleus basalis magnocellularis. <i>Neuroscience Research Communications</i> , 1999, 25, 163-171.	0.2	2