

Ilona Joniec-Maciejak

List of Publications by Year in descending order

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47
papers

986
citations

331259

21
h-index

454577

30
g-index

47
all docs

47
docs citations

47
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Dexamethasone protects against dopaminergic neurons damage in a mouse model of Parkinson's disease. <i>International Immunopharmacology</i> , 2004, 4, 1307-1318.	1.7	106
2	Indomethacin protects against neurodegeneration caused by MPTP intoxication in mice. <i>International Immunopharmacology</i> , 2002, 2, 1213-1218.	1.7	69
3	The phosphodiesterase inhibitor, ibudilast, attenuates neuroinflammation in the MPTP model of Parkinson's disease. <i>PLoS ONE</i> , 2017, 12, e0182019.	1.1	43
4	Cyclooxygenases mRNA and protein expression in striata in the experimental mouse model of Parkinson's disease induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine administration to mouse. <i>Brain Research</i> , 2004, 1019, 144-151.	1.1	41
5	Potential neuroprotective effect of ibuprofen, insights from the mice model of Parkinson's disease. <i>Pharmacological Reports</i> , 2013, 65, 1227-1236.	1.5	39
6	Age- and sex-differences in the nitric oxide synthase expression and dopamine concentration in the murine model of Parkinson's disease induced by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. <i>Brain Research</i> , 2009, 1261, 7-19.	1.1	38
7	Effect of intranasal manganese administration on neurotransmission and spatial learning in rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 1-9.	1.3	37
8	The influence of AAV2-mediated gene transfer of human IL-10 on neurodegeneration and immune response in a murine model of Parkinson's disease. <i>Pharmacological Reports</i> , 2014, 66, 660-669.	1.5	35
9	The impact of age and gender on the striatal astrocytes activation in murine model of Parkinson's disease. <i>Inflammation Research</i> , 2009, 58, 747-753.	1.6	34
10	Long Term Administration of Hypericum perforatum Improves Spatial Learning and Memory in the Water Maze.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1289-1294.	0.6	31
11	Influence of long-term administration of rutin on spatial memory as well as the concentration of brain neurotransmitters in aged rats. <i>Pharmacological Reports</i> , 2012, 64, 808-816.	1.5	31
12	Administration of protocatechuic acid affects memory and restores hippocampal and cortical serotonin turnover in rat model of oral D-galactose-induced memory impairment. <i>Behavioural Brain Research</i> , 2019, 368, 111896.	1.2	29
13	Effect of human interleukin-10 on the expression of nitric oxide synthases in the MPTP-based model of Parkinson's disease. <i>Pharmacological Reports</i> , 2013, 65, 44-49.	1.5	28
14	Long-term administration of Greek Royal Jelly improves spatial memory and influences the concentration of brain neurotransmitters in naturally aged Wistar male rats. <i>Journal of Ethnopharmacology</i> , 2014, 155, 343-351.	2.0	28
15	The effect of α -synuclein on gliosis and IL-1 β , TNF α , IFN γ , TGF β 2 expression in murine brain. <i>Pharmacological Reports</i> , 2017, 69, 242-251.	1.5	28
16	Paracetamol - Effect of early exposure on neurotransmission, spatial memory and motor performance in rats. <i>Behavioural Brain Research</i> , 2017, 323, 162-171.	1.2	27
17	Influence of Age and Gender on Cytokine Expression in a Murine Model of Parkinson's Disease. <i>NeuroImmunoModulation</i> , 2007, 14, 255-265.	0.9	26
18	Developmental exposure to paracetamol causes biochemical alterations in medulla oblongata. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 369-374.	2.0	26

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19	MPTP-induced central dopamine depletion exacerbates experimental autoimmune encephalomyelitis (EAE) in C57BL mice. <i>Inflammation Research</i> , 2007, 56, 311-317.	1.6	24
20	<i>Passiflora incarnata</i> L. Improves Spatial Memory, Reduces Stress, and Affects Neurotransmission in Rats. <i>Phytotherapy Research</i> , 2016, 30, 781-789.	2.8	24
21	Decreased inflammation and augmented expression of trophic factors correlate with MOG-induced neuroprotection of the injured nigrostriatal system in the murine MPTP model of Parkinson's disease. <i>International Immunopharmacology</i> , 2009, 9, 781-791.	1.7	23
22	Octanoic acid prevents reduction of striatal dopamine in the MPTP mouse model of Parkinson's disease. <i>Pharmacological Reports</i> , 2018, 70, 988-992.	1.5	22
23	Paracetamol's outcome on neurotransmission and spatial learning in rats. <i>Behavioural Brain Research</i> , 2013, 253, 157-164.	1.2	21
24	Effect of prenatal and early life paracetamol exposure on the level of neurotransmitters in rats' Focus on the spinal cord. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 133-139.	0.7	20
25	Paracetamol impairs the profile of amino acids in the rat brain. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 95-102.	2.0	18
26	Cerebellar level of neurotransmitters in rats exposed to paracetamol during development. <i>Pharmacological Reports</i> , 2016, 68, 1159-1164.	1.5	17
27	Immunization with myelin oligodendrocyte glycoprotein and complete Freund adjuvant partially protects dopaminergic neurons from 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced damage in mouse model of Parkinson's disease. <i>Neuroscience</i> , 2005, 131, 247-254.	1.1	15
28	Long-term administration of Greek Royal Jelly decreases GABA concentration in the striatum and hypothalamus of naturally aged Wistar male rats. <i>Neuroscience Letters</i> , 2018, 675, 17-22.	1.0	15
29	Respiratory pattern and phrenic and hypoglossal nerve activity during normoxia and hypoxia in 6-OHDA-induced bilateral model of Parkinson's disease. <i>Journal of Physiological Sciences</i> , 2020, 70, 16.	0.9	15
30	Long-term administration of <i>Aspalathus linearis</i> infusion affects spatial memory of adult Sprague-Dawley male rats as well as increases their striatal dopamine content. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111881.	2.0	13
31	Lactate Formation in Primary and Metastatic Colon Cancer Cells at Hypoxia and Normoxia. <i>Cell Biochemistry and Function</i> , 2016, 34, 483-490.	1.4	11
32	Anti-myelin basic protein T cells protect hippocampal neurons against trimethyltin-induced damage. <i>NeuroReport</i> , 2007, 18, 425-429.	0.6	9
33	Infection with intestinal helminth (<i>Hymenolepis diminuta</i>) impacts exploratory behavior and cognitive processes in rats by changing the central level of neurotransmitters. <i>PLoS Pathogens</i> , 2022, 18, e1010330.	2.1	9
34	Sirtuin 1, Visfatin and IL-27 Serum Levels of Type 1 Diabetic Females in Relation to Cardiovascular Parameters and Autoimmune Thyroid Disease. <i>Biomolecules</i> , 2021, 11, 1110.	1.8	8
35	Effect of protocatechuic acid on cognitive processes and central nervous system neuromodulators in the hippocampus, prefrontal cortex, and striatum of healthy rats. <i>Nutritional Neuroscience</i> , 2020, 1-12.	1.5	5
36	<i>Aspalathus linearis</i> infusion affects hole-board test behaviour and amino acid concentration in the brain. <i>Neuroscience Letters</i> , 2021, 747, 135680.	1.0	5

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37	Administration of Greek Royal Jelly produces fast response in neurotransmission of aged Wistar male rats. <i>Journal of Pre-Clinical and Clinical Research</i> , 2015, 9, 151-157.	0.2	5
38	Exogenous α -Synuclein Monomers Alter Dopamine Metabolism in Murine Brain. <i>Neurochemical Research</i> , 2016, 41, 2102-2109.	1.6	4
39	Deficiency of Biogenic Amines Modulates the Activity of Hypoglossal Nerve in the Reserpine Model of Parkinson's Disease. <i>Cells</i> , 2021, 10, 531.	1.8	2
40	Early exposure to paracetamol reduces level of testicular testosterone and changes gonadal expression of genes relevant for steroidogenesis in rats offspring. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1862-1869.	1.2	2
41	Dihydroergotamine affects spatial behavior and neurotransmission in the central nervous system of Wistar rats. <i>Annals of Agricultural and Environmental Medicine</i> , 2021, 28, 437-445.	0.5	2
42	Effects of α -Synuclein Monomers Administration in the Gigantocellular Reticular Nucleus on Neurotransmission in Mouse Model. <i>Neurochemical Research</i> , 2019, 44, 968-977.	1.6	1
43	P6 CORRELATION BETWEEN NOS EXPRESSION AND DOPAMINE CONCENTRATION IN THE STRIATUM OF C57BL/6 MICE FOLLOWING TOXIC DEGENERATION CAUSED BY 1-METHYL-4-PHENYL-1,2,3,6-TETRAHYDROPYRIDINE.. <i>Behavioural Pharmacology</i> , 2006, 17, 543.	0.8	0
44	P5 ROLE OF CYTOKINES IN MURINE MODEL OF PARKINSON'S DISEASE - GENDER AND AGE-RELATED DIFFERENCES.. <i>Behavioural Pharmacology</i> , 2006, 17, 542-543.	0.8	0
45	Murine models of Parkinson's disease caused by an increased concentration of α -synuclein. <i>Postepy Higieny i Medycyny Doswiadczalnej</i> , 2019, 73, 38-46.	0.1	0
46	Cerebral administration of alpha-synuclein monomers modulates inflammatory reaction in nigro-striatal system. <i>Journal of Pre-Clinical and Clinical Research</i> , 2019, 13, 26-36.	0.2	0
47	Current state of knowledge on the use of medical marijuana in some neurological diseases. <i>Pharmacotherapy in Psychiatry and Neurology</i> , 2020, 36, 205-225.	0.1	0