

Lidia Struzynska

List of Publications by Year in descending order

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49
papers

1,495
citations

331538

21
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330025

37
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49
all docs

49
docs citations

49
times ranked

2151
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation-Like Glial Response in Lead-Exposed Immature Rat Brain. <i>Toxicological Sciences</i> , 2007, 95, 156-162.	1.4	99
2	Synaptic degeneration in rat brain after prolonged oral exposure to silver nanoparticles. <i>NeuroToxicology</i> , 2015, 46, 145-154.	1.4	88
3	Lead-induced abnormalities in blood-brain barrier permeability in experimental chronic toxicity. <i>Molecular and Chemical Neuropathology</i> , 1997, 31, 207-224.	1.0	73
4	Astroglial reaction during the early phase of acute lead toxicity in the adult rat brain. <i>Toxicology</i> , 2001, 165, 121-131.	2.0	71
5	Relationships between glutamine, glutamate, and GABA in nerve endings under Pb-toxicity conditions. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 951-958.	1.5	70
6	Prolonged inflammation leads to ongoing damage after spinal cord injury. <i>PLoS ONE</i> , 2020, 15, e0226584.	1.1	67
7	The role of the glutamatergic NMDA receptor in nanosilver-evoked neurotoxicity in primary cultures of cerebellar granule cells. <i>Toxicology</i> , 2014, 315, 38-48.	2.0	61
8	Perinatal exposure to lead (Pb) induces ultrastructural and molecular alterations in synapses of rat offspring. <i>Toxicology</i> , 2016, 373, 13-29.	2.0	60
9	Perinatal exposure to lead (Pb) promotes Tau phosphorylation in the rat brain in a GSK-3 β and CDK5 dependent manner: Relevance to neurological disorders. <i>Toxicology</i> , 2016, 347-349, 17-28.	2.0	57
10	Oxidative stress in rat brain but not in liver following oral administration of a low dose of nanoparticulate silver. <i>Food and Chemical Toxicology</i> , 2016, 97, 307-315.	1.8	56
11	A glutamatergic component of lead toxicity in adult brain: The role of astrocytic glutamate transporters. <i>Neurochemistry International</i> , 2009, 55, 151-156.	1.9	52
12	Prolonged Exposure to Silver Nanoparticles Results in Oxidative Stress in Cerebral Myelin. <i>Neurotoxicity Research</i> , 2019, 35, 495-504.	1.3	46
13	Early P2X7R-related astrogliosis in autoimmune encephalomyelitis. <i>Molecular and Cellular Neurosciences</i> , 2016, 74, 1-9.	1.0	45
14	Mechanisms Underlying Neurotoxicity of Silver Nanoparticles. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 227-250.	0.8	44
15	Effects of antagonists of glutamate receptors on pro-inflammatory cytokines in the brain cortex of rats subjected to experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2013, 261, 67-76.	1.1	43
16	Modulation of Glutamate Transport and Receptor Binding by Glutamate Receptor Antagonists in EAE Rat Brain. <i>PLoS ONE</i> , 2014, 9, e113954.	1.1	42
17	Toxic effects of silver nanoparticles in mammals – does a risk of neurotoxicity exist?. <i>Folia Neuropathologica</i> , 2015, 4, 281-300.	0.5	40
18	A Low Dose of Nanoparticulate Silver Induces Mitochondrial Dysfunction and Autophagy in Adult Rat Brain. <i>Neurotoxicity Research</i> , 2020, 38, 650-664.	1.3	40

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19	The role of astroglia in Pb-exposed adult rat brain with respect to glutamate toxicity. <i>Toxicology</i> , 2005, 212, 185-194.	2.0	38
20	Influence of a low dose of silver nanoparticles on cerebral myelin and behavior of adult rats. <i>Toxicology</i> , 2016, 363-364, 29-36.	2.0	38
21	Temporal expression of P2X7 purinergic receptor during the course of experimental autoimmune encephalomyelitis. <i>Neurochemistry International</i> , 2010, 57, 823-829.	1.9	27
22	Ultrastructural and biochemical features of cerebral microvessels of adult rat subjected to a low dose of silver nanoparticles.. <i>Toxicology</i> , 2018, 408, 31-38.	2.0	25
23	Astroglial and Microglial Purinergic P2X7 Receptor as a Major Contributor to Neuroinflammation during the Course of Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8404.	1.8	24
24	Zinc Modulates Nanosilver-Induced Toxicity in Primary Neuronal Cultures. <i>Neurotoxicity Research</i> , 2016, 29, 325-343.	1.3	22
25	Early P2X7R-dependent activation of microglia during the asymptomatic phase of autoimmune encephalomyelitis. <i>Inflammopharmacology</i> , 2019, 27, 129-137.	1.9	22
26	Administration of an antagonist of P2X7 receptor to EAE rats prevents a decrease of expression of claudin-5 in cerebral capillaries. <i>Purinergic Signalling</i> , 2018, 14, 385-393.	1.1	21
27	Changes in expression of neuronal and glial glutamate transporters in lead-exposed adult rat brain. <i>Neurochemistry International</i> , 2005, 47, 326-333.	1.9	20
28	Modulation of Neurological Deficits and Expression of Glutamate Receptors during Experimental Autoimmune Encephalomyelitis after Treatment with Selected Antagonists of Glutamate Receptors. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	18
29	Astroglial contribution to tau-dependent neurodegeneration. <i>Biochemical Journal</i> , 2019, 476, 3493-3504.	1.7	17
30	Regional changes in purines and selected purinergic receptors in immature rat brain exposed to lead. <i>Toxicology</i> , 2011, 279, 100-107.	2.0	16
31	Lead stimulates the glutathione system in selective regions of rat brain. <i>Folia Neuropathologica</i> , 2002, 40, 203-9.	0.5	16
32	Does lead provoke the peroxidation process in rat brain synaptosomes?. <i>Molecular and Chemical Neuropathology</i> , 1996, 29, 127-139.	1.0	13
33	Markers of oxidative stress in hepatopancreas of crayfish (<i>orconectes limosus</i> , raf) experimentally exposed to nanosilver. <i>Environmental Toxicology</i> , 2013, 29, n/a-n/a.	2.1	13
34	Astrocytic response in the rodent model of global cerebral ischemia and during reperfusion. <i>Experimental and Toxicologic Pathology</i> , 2002, 54, 31-38.	2.1	12
35	Alterations in glutamate transport and group I metabotropic glutamate receptors in the rat brain during acute phase of experimental autoimmune encephalomyelitis. , 2009, 47, 329-37.		12
36	Repeated exposure of adult rats to Aroclor 1254 induces neuronal injury and impairs the neurochemical manifestations of the NMDA receptor-mediated intracellular signaling in the hippocampus. <i>NeuroToxicology</i> , 2012, 33, 16-22.	1.4	11

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37	Memantine Modulates Oxidative Stress in the Rat Brain following Experimental Autoimmune Encephalomyelitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11330.	1.8	11
38	CNPase activity in myelin from adult rat brains after prolonged lead exposure in vivo. <i>Chemico-Biological Interactions</i> , 2004, 150, 171-178.	1.7	9
39	Aroclor 1254 selectively inhibits expression of glial GLT-1 glutamate transporter in the forebrain of chronically exposed adult rat. <i>Toxicology</i> , 2012, 300, 12-18.	2.0	9
40	Nanosystems and exosomes as future approaches in treating multiple sclerosis. <i>European Journal of Neuroscience</i> , 2021, 54, 7377-7404.	1.2	9
41	Dysfunctional glia: contributors to neurodegenerative disorders. <i>Neural Regeneration Research</i> , 2021, 16, 218.	1.6	8
42	Response of immature rats to a low dose of nanoparticulate silver: Alterations in behavior, cerebral vasculature-related transcriptome and permeability. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111416.	2.9	7
43	Early and Delayed Impact of Nanosilver on the Glutamatergic NMDA Receptor Complex in Immature Rat Brain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3067.	1.8	7
44	Early Postnatal Exposure to a Low Dose of Nanoparticulate Silver Induces Alterations in Glutamate Transporters in Brain of Immature Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8977.	1.8	6
45	The influence of glutamatergic receptor antagonists on biochemical and ultrastructural changes in myelin membranes of rats subjected to experimental autoimmune encephalomyelitis. <i>Folia Neuropathologica</i> , 2015, 4, 317-326.	0.5	4
46	Ultrastructural and Immunochemical Studies of Glial Scar Formation in Diabetic Rats. <i>Acta Neurochirurgica Supplementum</i> , 2010, 106, 251-255.	0.5	2
47	Blockade of the kinin B1 receptor affects the cytokine/chemokine profile in rat brain subjected to autoimmune encephalomyelitis. <i>Inflammopharmacology</i> , 2017, 25, 459-469.	1.9	2
48	Silver, Ag. , 2019, , 655-691.		1
49	Alterations in the transcriptional profile of genes related to glutamatergic signalling in animal models of Alzheimer's disease. The effect of fingolimod. <i>Folia Neuropathologica</i> , 2022, 60, 10-23.	0.5	1