

Lidia Struzynska

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,083
citations

20
h-index

32
g-index

49
ext. papers

1,286
ext. citations

4.2
avg, IF

4.82
L-index

#	Paper	IF	Citations
48	Inflammation-like glial response in lead-exposed immature rat brain. <i>Toxicological Sciences</i> , 2007 , 95, 156-62	4.4	78
47	Synaptic degeneration in rat brain after prolonged oral exposure to silver nanoparticles. <i>NeuroToxicology</i> , 2015 , 46, 145-54	4.4	74
46	Astroglial reaction during the early phase of acute lead toxicity in the adult rat brain. <i>Toxicology</i> , 2001 , 165, 121-31	4.4	66
45	Lead-induced abnormalities in blood-brain barrier permeability in experimental chronic toxicity. <i>Molecular and Chemical Neuropathology</i> , 1997 , 31, 207-24		57
44	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	4.4	51
43	Relationships between glutamine, glutamate, and GABA in nerve endings under Pb-toxicity conditions. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 951-8	4.2	50
42	Perinatal exposure to lead (Pb) induces ultrastructural and molecular alterations in synapses of rat offspring. <i>Toxicology</i> , 2016 , 373, 13-29	4.4	49
41	A glutamatergic component of lead toxicity in adult brain: the role of astrocytic glutamate transporters. <i>Neurochemistry International</i> , 2009 , 55, 151-6	4.4	43
40	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	4.4	43
39	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	4.7	40
38	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	3.5	35
37	Early P2X7R-related astrogliosis in autoimmune encephalomyelitis. <i>Molecular and Cellular Neurosciences</i> , 2016 , 74, 1-9	4.8	33
36	Modulation of glutamate transport and receptor binding by glutamate receptor antagonists in EAE rat brain. <i>PLoS ONE</i> , 2014 , 9, e113954	3.7	32
35	The role of astroglia in Pb-exposed adult rat brain with respect to glutamate toxicity. <i>Toxicology</i> , 2005 , 212, 185-94	4.4	32
34	Prolonged Exposure to Silver Nanoparticles Results in Oxidative Stress in Cerebral Myelin. <i>Neurotoxicity Research</i> , 2019 , 35, 495-504	4.3	31
33	Prolonged inflammation leads to ongoing damage after spinal cord injury. <i>PLoS ONE</i> , 2020 , 15, e0226584	3.7	30
32	Toxic effects of silver nanoparticles in mammals--does a risk of neurotoxicity exist?. <i>Folia Neuropathologica</i> , 2015 , 53, 281-300	2.6	28

31	Influence of a low dose of silver nanoparticles on cerebral myelin and behavior of adult rats. <i>Toxicology</i> , 2016 , 363-364, 29-36	4.4	25
30	Temporal expression of P2X7 purinergic receptor during the course of experimental autoimmune encephalomyelitis. <i>Neurochemistry International</i> , 2010 , 57, 823-9	4.4	25
29	Mechanisms Underlying Neurotoxicity of Silver Nanoparticles. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1048, 227-250	3.6	24
28	Changes in expression of neuronal and glial glutamate transporters in lead-exposed adult rat brain. <i>Neurochemistry International</i> , 2005 , 47, 326-33	4.4	19
27	Zinc Modulates Nanosilver-Induced Toxicity in Primary Neuronal Cultures. <i>Neurotoxicity Research</i> , 2016 , 29, 325-43	4.3	17
26	Lead stimulates the glutathione system in selective regions of rat brain. <i>Folia Neuropathologica</i> , 2002 , 40, 203-9	2.6	16
25	Regional changes in purines and selected purinergic receptors in immature rat brain exposed to lead. <i>Toxicology</i> , 2011 , 279, 100-7	4.4	15
24	A Low Dose of Nanoparticulate Silver Induces Mitochondrial Dysfunction and Autophagy in Adult Rat Brain. <i>Neurotoxicity Research</i> , 2020 , 38, 650-664	4.3	14
23	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, 186068	3	13
22	Does lead provoke the peroxidation process in rat brain synaptosomes?. <i>Molecular and Chemical Neuropathology</i> , 1996 , 29, 127-39		13
21	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	3.8	12
20	Markers of oxidative stress in hepatopancreas of crayfish (<i>Orconectes limosus</i> , raf) experimentally exposed to nanosilver. <i>Environmental Toxicology</i> , 2014 , 29, 1283-91	4.2	12
19	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	4.4	12
18	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
17	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	4.4	11
16	Astrocytic response in the rodent model of global cerebral ischemia and during reperfusion. <i>Experimental and Toxicologic Pathology</i> , 2002 , 54, 31-8		11
15	Astroglial contribution to tau-dependent neurodegeneration. <i>Biochemical Journal</i> , 2019 , 476, 3493-3504	3.8	11
14	Aroclor 1254 selectively inhibits expression of glial GLT-1 glutamate transporter in the forebrain of chronically exposed adult rat. <i>Toxicology</i> , 2012 , 300, 12-8	4.4	9

13	Early P2X7R-dependent activation of microglia during the asymptomatic phase of autoimmune encephalomyelitis. <i>Inflammopharmacology</i> , 2019 , 27, 129-137	5.1	9
12	CNPase activity in myelin from adult rat brains after prolonged lead exposure in vivo. <i>Chemico-Biological Interactions</i> , 2004 , 150, 171-8	5	8
11	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,	6.3	5
10	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,	6.3	4
9	Dysfunctional glia: contributors to neurodegenerative disorders. <i>Neural Regeneration Research</i> , 2021 , 16, 218-222	4.5	4
8	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,	6.3	3
7	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	5.1	2
6	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 , 53, 317-26	2.6	2
5	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	7	2
4	Nanosystems and exosomes as future approaches in treating multiple sclerosis. <i>European Journal of Neuroscience</i> , 2021 , 54, 7377-7404	3.5	1
3	Ultrastructural and immunochemical studies of glial scar formation in diabetic rats. <i>Acta Neurochirurgica Supplementum</i> , 2010 , 106, 251-5	1.7	
2	Silver, Ag 2019 , 655-691		
1	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	2.6	