Marta Sidoryk-Wegrzynowicz

List of Publications by Year
in descending order

27 papers	1,562 citations	471061 17 h-index	580395 25 g-index
27 all docs	27 docs citations	27 times ranked	2733 citing authors

#	Article	IF	Citations
1	Dysfunctional glia: contributors to neurodegenerative disorders. Neural Regeneration Research, 2021, 16, 218.	1.6	8
2	Astroglial and Microglial Purinergic P2X7 Receptor as a Major Contributor to Neuroinflammation during the Course of Multiple Sclerosis. International Journal of Molecular Sciences, 2021, 22, 8404.	1.8	24
3	Nanosystems and exosomes as future approaches in treating multiple sclerosis. European Journal of Neuroscience, 2021, 54, 7377-7404.	1.2	9
4	Memantine Modulates Oxidative Stress in the Rat Brain following Experimental Autoimmune Encephalomyelitis. International Journal of Molecular Sciences, 2021, 22, 11330.	1.8	11
5	Early Postnatal Exposure to a Low Dose of Nanoparticulate Silver Induces Alterations in Glutamate Transporters in Brain of Immature Rats. International Journal of Molecular Sciences, 2020, 21, 8977.	1.8	6
6	Role of Astrocytes in Manganese Neurotoxicity Revisited. Neurochemical Research, 2019, 44, 2449-2459.	1.6	25
7	Astroglial contribution to tau-dependent neurodegeneration. Biochemical Journal, 2019, 476, 3493-3504.	1.7	17
8	Astrocytes in mouse models of tauopathies acquire early deficits and lose neurosupportive functions. Acta Neuropathologica Communications, 2017, 5, 89.	2.4	83
9	Synthesis of polymeric nanocapsules by radical UV-activated interface-emulsion polymerization. Journal of Polymer Science Part A, 2016, 54, 3357-3369.	2.5	12
10	Manganese Toxicity and the Glutamineâ€“Glutamate Cycle. , 2015, , 401-413.		2
11	Impairment of glutamine/glutamate-Î³-aminobutyric acid cycle in manganese toxicity in the central nervous system. Folia Neuropathologica, 2014, 4, 377-382.	0.5	10
12	Role of astrocytes in manganese mediated neurotoxicity. BMC Pharmacology & Toxicology, 2013, 14, 23.	1.0	81
13	Estrogen Attenuates Manganese-Induced Glutamate Transporter Impairment in Rat Primary Astrocytes. Neurotoxicity Research, 2013, 23, 124-130.	1.3	28
14	SyM-BBB: a microfluidic blood brain barrier model. Lab on A Chip, 2013, 13, 1093.	3.1	289
15	GPR30 Regulates Glutamate Transporter GLT-1 Expression in Rat Primary Astrocytes. Journal of Biological Chemistry, 2012, 287, 26817-26828.	1.6	81
16	Prolonged hypoxia augments l-citrulline transport by System A in the newborn piglet pulmonary circulation. Cardiovascular Research, 2012, 95, 375-384.	1.8	13
17	Mechanism of Mn(II)â€mediated dysregulation of glutamineâ€“glutamate cycle: focus on glutamate turnover. Journal of Neurochemistry, 2012, 122, 856-867.	2.1	29
18	Transforming growth factorâ€Î± mediates estrogenâ€induced upregulation of glutamate transporter GLTâ€1 in rat primary astrocytes. Glia, 2012, 60, 1024-1036.	2.5	60

#	Article	IF	Citations
19	15-Deoxy-Î”12,14-prostaglandin J2 modulates manganese-induced activation of the NF-ÎºB, Nrf2, and PI3K pathways in astrocytes. Free Radical Biology and Medicine, 2012, 52, 1067-1074.	1.3	36
20	Comparative study on the response of rat primary astrocytes and microglia to methylmercury toxicity. Glia, 2011, 59, 810-820.	2.5	91
21	Disruption of astrocytic glutamine turnover by manganese is mediated by the protein kinase C pathway. Glia, 2011, 59, 1732-1743.	2.5	45
22	Role of Astrocytes in Brain Function and Disease. Toxicologic Pathology, 2011, 39, 115-123.	0.9	192
23	Culture Models for the Study of Amino Acid Transport and Metabolism. Neuromethods, 2011, 56, 417-430.	0.2	0
24	Manganeseâ€induced downregulation of astroglial glutamine transporter SNAT3 involves ubiquitinâ€mediated proteolytic system. Glia, 2010, 58, 1905-1912.	2.5	30
25	Roles of glutamine in neurotransmission. Neuron Glia Biology, 2010, 6, 263-276.	2.0	211
26	Methylmercury Induces Acute Oxidative Stress, Altering Nrf2 Protein Level in Primary Microglial Cells. Toxicological Sciences, 2010, 116, 590-603.	1.4	99
27	Manganese disrupts astrocyte glutamine transporter expression and function. Journal of Neurochemistry, 2009, 110, 822-830.	2.1	70