

Marta Obara-Michlewska

List of Publications by Year in descending order

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18
papers

434
citations

840585

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839398

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19
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	NMDA Receptors in Astrocytes: In Search for Roles in Neurotransmission and Astrocytic Homeostasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 309.	1.8	65
2	Glutamine in neoplastic cells: Focus on the expression and roles of glutaminases. <i>Neurochemistry International</i> , 2009, 55, 71-75.	1.9	62
3	Transfection with liver-type glutaminase cDNA alters gene expression and reduces survival, migration and proliferation of T98G glioma cells. <i>Glia</i> , 2009, 57, 1014-1023.	2.5	60
4	Targeting Glutamine Addiction in Gliomas. <i>Cancers</i> , 2020, 12, 310.	1.7	59
5	Astroglial NMDA receptors inhibit expression of Kir4.1 channels in glutamate-overexposed astrocytes in vitro and in the brain of rats with acute liver failure. <i>Neurochemistry International</i> , 2015, 88, 20-25.	1.9	28
6	Transfection of a human glioblastoma cell line with liver-type glutaminase (<scp>LGA</scp>) down-regulates the expression of <scp>DNA</scp>-repair gene <scp>MGMT</scp> and sensitizes the cells to alkylating agents. <i>Journal of Neurochemistry</i> , 2012, 123, 428-436.	2.1	26
7	Persistent Overexposure to N-Methyl-d-Aspartate (NMDA) Calcium-Dependently Downregulates Glutamine Synthetase, Aquaporin 4, and Kir4.1 Channel in Mouse Cortical Astrocytes. <i>Neurotoxicity Research</i> , 2019, 35, 271-280.	1.3	25
8	Roles of Glutamate and Glutamine Transport in Ammonia Neurotoxicity: State of the Art and Question Marks. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018, 18, 306-315.	0.6	25
9	Down-regulation of Kir4.1 in the cerebral cortex of rats with liver failure and in cultured astrocytes treated with glutamine: Implications for astrocytic dysfunction in hepatic encephalopathy. <i>Journal of Neuroscience Research</i> , 2011, 89, 2018-2027.	1.3	22
10	Synergistic action of hypoosmolarity and glutamine in inducing acute swelling of retinal glial (Müller) cells. <i>Glia</i> , 2011, 59, 256-266.	2.5	16
11	Ammonia upregulates kynurenine aminotransferase II mRNA expression in rat brain: a role for astrocytic NMDA receptors?. <i>Metabolic Brain Disease</i> , 2013, 28, 161-165.	1.4	13
12	Gain of function of Kir4.1 channel increases cell resistance to changes of potassium fluxes and cell volume evoked by ammonia and hypoosmotic stress. <i>Pharmacological Reports</i> , 2010, 62, 1237-1242.	1.5	6
13	Glutaminases in slowly proliferating gastroenteropancreatic neuroendocrine neoplasms/tumors (GEP-NETs): Selective overexpression of mRNA coding for the KGA isoform. <i>Experimental and Molecular Pathology</i> , 2016, 100, 74-78.	0.9	6
14	Interstitial ion homeostasis and acid-base balance are maintained in oedematous brain of mice with acute toxic liver failure. <i>Neurochemistry International</i> , 2018, 118, 286-291.	1.9	6
15	Modulation by kynurenine of extracellular kynurenate and glutamate in cerebral cortex of rats with acute liver failure. <i>Pharmacological Reports</i> , 2014, 66, 466-470.	1.5	5
16	Pretreatment with a glutamine synthetase inhibitor MSO delays the onset of initial seizures induced by pilocarpine in juvenile rats. <i>Brain Research</i> , 2021, 1753, 147253.	1.1	5
17	Inhibition of Glutamate Release, but Not of Glutamine Recycling to Glutamate, Is Involved in Delaying the Onset of Initial Lithium-Pilocarpine-Induced Seizures in Young Rats by a Non-Convulsive MSO Dose. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11127.	1.8	3
18	Citrulline uptake in rat cerebral cortex slices: Modulation by Thioacetamide -Induced hepatic failure. <i>Metabolic Brain Disease</i> , 2014, 29, 1053-1060.	1.4	2