

# Michael Noreberg

## List of Publications by Year in descending order

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39  
papers

3,290  
citations

186265  
28  
h-index

345221  
36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocyte Responses to CNS Injury. Journal of Neuropathology and Experimental Neurology, 1994, 53, 213-220.	1.7	549
2	Ammonia-induced production of free radicals in primary cultures of rat astrocytes. Journal of Neuroscience Research, 2001, 66, 282-288.	2.9	276
3	Mechanisms of Ammonia-Induced Astrocyte Swelling. Metabolic Brain Disease, 2005, 20, 303-318.	2.9	164
4	New concepts in the mechanism of ammonia-induced astrocyte swelling. Metabolic Brain Disease, 2007, 22, 219-234.	2.9	161
5	Ammonia induces the mitochondrial permeability transition in primary cultures of rat astrocytes. Journal of Neuroscience Research, 2001, 66, 981-991.	2.9	157
6	Astroglial dysfunction in hepatic encephalopathy. Metabolic Brain Disease, 1998, 13, 319-335.	2.9	154
7	The mitochondrial permeability transition in neurologic disease. Neurochemistry International, 2007, 50, 983-997.	3.8	143
8	Oxidative Stress in the Pathogenesis of Hepatic Encephalopathy. Metabolic Brain Disease, 2004, 19, 313-329.	2.9	124
9	Cerebral energy metabolism in hepatic encephalopathy and hyperammonemia. , 2001, 16, 67-78.		123
10	Signaling factors in the mechanism of ammonia neurotoxicity. Metabolic Brain Disease, 2009, 24, 103-117.	2.9	119
11	Glutamine in the mechanism of ammonia-induced astrocyte swelling. Neurochemistry International, 2006, 48, 623-628.	3.8	117
12	Ammonia neurotoxicity: role of the mitochondrial permeability transition. Metabolic Brain Disease, 2003, 18, 113-127.	2.9	91
13	Induction of the mitochondrial permeability transition in cultured astrocytes by glutamine. Neurochemistry International, 2003, 43, 517-523.	3.8	85
14	Role of oxidative stress in the ammonia-induced mitochondrial permeability transition in cultured astrocytes. Neurochemistry International, 2005, 47, 31-38.	3.8	80
15	Characterization of cystine uptake in cultured astrocytes. Neurochemistry International, 2000, 37, 269-276.	3.8	78
16	Suppression of ammonia-induced astrocyte swelling by cyclosporin A. Journal of Neuroscience Research, 2003, 74, 891-897.	2.9	69
17	Astrocytes Protect Neurons from Ammonia Toxicity. Neurochemical Research, 2005, 30, 1311-1318.	3.3	68
18	Brief Suppression of <i>Abcc8</i> Prevents Autodestruction of Spinal Cord After Trauma. Science Translational Medicine, 2010, 2, 28ra29.	12.4	66

#	ARTICLE	IF	CITATIONS
19	Ammonia Neurotoxicity and the Mitochondrial Permeability Transition. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 303-307.	2.3	65
20	Ammonia downregulates GLAST mRNA glutamate transporter in rat astrocyte cultures. <i>Neuroscience Letters</i> , 1999, 276, 145-148.	2.1	63
21	Astrocyte Swelling in Liver Failure: Role of Glutamine and Benzodiazepines. , 1994, 60, 24-27.		54
22	Inhibition of glutamine transport into mitochondria protects astrocytes from ammonia toxicity. <i>Glia</i> , 2007, 55, 801-809.	4.9	49
23	Ammonia-induced activation of p53 in cultured astrocytes: Role in cell swelling and glutamate uptake. <i>Neurochemistry International</i> , 2009, 55, 98-105.	3.8	45
24	Sulfonylurea Receptor 1 Contributes to the Astrocyte Swelling and Brain Edema in Acute Liver Failure. <i>Translational Stroke Research</i> , 2014, 5, 28-37.	4.2	41
25	Role of Matricellular Proteins in Disorders of the Central Nervous System. <i>Neurochemical Research</i> , 2017, 42, 858-875.	3.3	41
26	Role of cerebral endothelial cells in the astrocyte swelling and brain edema associated with acute hepatic encephalopathy. <i>Neuroscience</i> , 2012, 218, 305-316.	2.3	39
27	Downregulation of the 18â€kDa translocator protein: Effects on the ammoniaâ€induced mitochondrial permeability transition and cell swelling in cultured astrocytes. <i>Glia</i> , 2007, 55, 1720-1727.	4.9	38
28	NF-ÎB in the mechanism of brain edema in acute liver failure: Studies in transgenic mice. <i>Neurobiology of Disease</i> , 2011, 41, 498-507.	4.4	38
29	The glial glutamate transporter in hyperammonemia and hepatic encephalopathy: relation to energy metabolism and glutamatergic neurotransmission. <i>Glia</i> , 1997, 21, 124-33.	4.9	38
30	Combined Effects of Ammonia and Manganese on Astrocytes in Culture. <i>Neurochemical Research</i> , 2004, 29, 2051-2056.	3.3	36
31	Differential response of glutamine in cultured neurons and astrocytes. <i>Journal of Neuroscience Research</i> , 2005, 79, 193-199.	2.9	29
32	Differential response of neural cells to trauma-induced free radical production in vitro. <i>Neurochemical Research</i> , 2002, 27, 161-166.	3.3	27
33	Role of mitogenâ€activated protein kinases in the mechanism of oxidantâ€induced cell swelling in cultured astrocytes. <i>Journal of Neuroscience Research</i> , 2010, 88, 2450-2458.	2.9	25
34	Astrocytes in Hepatic Encephalopathy. <i>Advances in Experimental Medicine and Biology</i> , 1990, 272, 81-97.	1.6	12
35	Endothelial-astrocytic interactions in acute liver failure. <i>Metabolic Brain Disease</i> , 2013, 28, 183-186.	2.9	9
36	Neuronal Cell Death Induced by Mechanical Percussion Trauma in Cultured Neurons is not Preceded by Alterations in Glucose, Lactate and Glutamine Metabolism. <i>Neurochemical Research</i> , 2016, 41, 307-315.	3.3	9

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37	Extracellular ATP induces stellation and increases glial fibrillary acidic protein content and DNA synthesis in primary astrocyte cultures. <i>Acta Neuropathologica</i> , 1994, 87, 8-13.	7.7	6
38	Gangliogliomas: issues of prognosis and treatment. <i>American Journal of Neuroradiology</i> , 1998, 19, 810.	2.4	2
39	Role of oxidative stress in the ammonia-induced mitochondrial permeability transition in cultured astrocytes. <i>Journal of Neurochemistry</i> , 2002, 81, 108-111.	3.9	0