Agnieszka Jankowska-Kulawy

List of Publications by Year
in descending order

48 papers	1,022 citations	361045 20 h-index	454577 30 g-index
52 all docs	52 docs citations	52 times ranked	914 citing authors

#	Article	IF	Citations
1	Resveratrol Inhibits Metabolism and Affects Blood Platelet Function in Type 2 Diabetes. Nutrients, 2022, 14, 1633.	1.7	6
2	Aggravated effects of coexisting marginal thiamine deficits and zinc excess on SN56 neuronal cells. Nutritional Neuroscience, 2021, 24, 432-442.	1.5	5
3	Protection of Cholinergic Neurons against Zinc Toxicity by Glial Cells in Thiamine-Deficient Media. International Journal of Molecular Sciences, 2021, 22, 13337.	1.8	6
4	Inhibition of pyruvate dehydrogenase complex activity by 3-bromopyruvate affects blood platelets responses in type 2 diabetes. Pharmacological Reports, 2020, 72, 225-237.	1.5	3
5	Protective effects of voltage-gated calcium channel antagonists against zinc toxicity in SN56 neuroblastoma cholinergic cells. PLoS ONE, 2018, 13, e0209363.	1.1	16
6	The Regulatory Effects of Acetyl-CoA Distribution in the Healthy and Diseased Brain. Frontiers in Cellular Neuroscience, 2018, 12, 169.	1.8	43
7	Early and Late Pathomechanisms in Alzheimerâ€™s Disease: From Zinc to Amyloid-Î² Neurotoxicity. Neurochemical Research, 2017, 42, 891-904.	1.6	10
8	Phenotype-Dependent Interactions between N-acetyl-L-Aspartate and Acetyl-CoA in Septal SN56 Cholinergic Cells Exposed to an Excess of Zinc. Journal of Alzheimer's Disease, 2017, 56, 1145-1158.	1.2	11
9	Differential effects of lipopolysaccharide on energy metabolism in murine microglial N9 and cholinergic <scp>SN</scp>56 neuronal cells. Journal of Neurochemistry, 2015, 133, 284-297.	2.1	23
10	AÎ²PP-Transgenic 2576 Mice Mimic Cell Type-Specific Aspects of Acetyl-CoA-Linked Metabolic Deficits in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 48, 1083-1094.	1.2	11
11	Retinoic acid as a therapeutic option in Alzheimerâ€™s disease: a focus on cholinergic restoration. Expert Review of Neurotherapeutics, 2015, 15, 239-249.	1.4	17
12	Hyperglycation of extra and intracellular proteins; marker or active element of diabetic pathomechanisms. Diagnostyka Laboratoryjna I WiadomoÅ›ci PTDL, 2015, 51, 213-220.	0.0	2
13	Intracellular redistribution of acetyl-CoA, the pivotal point in differential susceptibility of cholinergic neurons and glial cells to neurodegenerative signals. Biochemical Society Transactions, 2014, 42, 1101-1106.	1.6	13
14	Acetyl-CoA the Key Factor for Survival or Death of Cholinergic Neurons in Course of Neurodegenerative Diseases. Neurochemical Research, 2013, 38, 1523-1542.	1.6	89
15	CHAPTER 33. Disturbances in Acetyl-CoA Metabolism: A Key Factor in Preclinical and Overt Thiamine Deficiency Encephalopathy. Food and Nutritional Components in Focus, 2012, , 553-571.	0.1	0
16	Acetyl-CoA metabolism in amprolium-evoked thiamine pyrophosphate deficits in cholinergic SN56 neuroblastoma cells. Neurochemistry International, 2011, 59, 208-216.	1.9	20
17	Acetylâ€CoA and acetylcholine metabolism in nerve terminal compartment of thiamine deficient rat brain. Journal of Neurochemistry, 2010, 115, 333-342.	2.1	26
18	Short-term effects of zinc on acetylcholine metabolism and viability of SN56 cholinergic neuroblastoma cells. Neurochemistry International, 2010, 56, 143-151.	1.9	24

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19	Acetyl-CoA deficit in brain mitochondria in experimental thiamine deficiency encephalopathy. Neurochemistry International, 2010, 57, 851-856.	1.9	14
20	Alterations of Adenine Nucleotide Metabolism and Function of Blood Platelets in Patients With Diabetes. Diabetes, 2007, 56, 462-467.	0.3	36
21	Effects of zinc on SN56 cholinergic neuroblastoma cells. Journal of Neurochemistry, 2007, 103, 972-983.	2.1	27
22	RS-Î±-lipoic acid protects cholinergic cells against sodium nitroprusside and amyloid-Î² neurotoxicity through restoration of acetyl-CoA level. Journal of Neurochemistry, 2006, 98, 1242-1251.	2.1	19
23	Phenotype-dependent susceptibility of cholinergic neuroblastoma cells to neurotoxic inputs. Metabolic Brain Disease, 2006, 21, 143-155.	1.4	45
24	Nerve growth factor and acetyl-L-carnitine evoked shifts in acetyl-CoA and cholinergic SN56 cell vulnerability to neurotoxic inputs. Journal of Neuroscience Research, 2005, 79, 185-192.	1.3	18
25	Effect of l-Carnitine on Acetyl-CoA Content and Activity of Blood Platelets in Healthy and Diabetic Persons. Clinical Chemistry, 2005, 51, 1673-1682.	1.5	20
26	Phenotype dependent differential effects of interleukin-1Î² and amyloid-Î² on viability and cholinergic phenotype of T17 neuroblastoma cells. Neurochemistry International, 2005, 47, 466-473.	1.9	12
27	Effects of NGF on acetylcholine, acetyl-CoA metabolism, and viability of differentiated and non-differentiated cholinergic neuroblastoma cells. Journal of Neurochemistry, 2004, 90, 952-961.	2.1	21
28	The role of adenosine triphosphate citrate lyase in the metabolism of acetyl coenzyme a and function of blood platelets in diabetes mellitus. Metabolism: Clinical and Experimental, 2004, 53, 66-72.	1.5	18
29	Relationships between cholinergic phenotype and acetyl-CoA level in hybrid murine neuroblastoma cells of septal origin. Journal of Neuroscience Research, 2003, 73, 717-721.	1.3	17
30	Changes in cortical acetyl-CoA metabolism after selective basal forebrain cholinergic degeneration by 192IgG-saporin. Journal of Neurochemistry, 2003, 87, 318-324.	2.1	23
31	Differential toxicity of nitric oxide, aluminum, and amyloid Î²-peptide in SN56 cholinergic cells from mouse septum. Neurochemistry International, 2003, 42, 323-331.	1.9	55
32	Platelet Function and Acetyl-Coenzyme A Metabolism in Type 1 Diabetes Mellitus. Clinical Chemistry and Laboratory Medicine, 2003, 41, 1136-43.	1.4	12
33	Effects of Aluminum and Calcium on Acetyl-CoA Metabolism in Rat Brain Mitochondria. Journal of Neurochemistry, 2002, 71, 2447-2453.	2.1	27
34	Aluminum, NO, and nerve growth factor neurotoxicity in cholinergic neurons. Journal of Neuroscience Research, 2001, 66, 1009-1018.	1.3	42
35	Acute and chronic effects of aluminum on acetyl-CoA and acetylcholine metabolism in differentiated and nondifferentiated SN56 cholinergic cells. Journal of Neuroscience Research, 2000, 62, 615-622.	1.3	30
36	Acetyl-CoA Metabolism in Cholinergic Neurons and Their Susceptibility to Neurotoxic Inputs. Metabolic Brain Disease, 2000, 15, 29-44.	1.4	2

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37	Acetylcholine and acetyl-CoA metabolism in differentiating SN56 septal cell line. Journal of Neuroscience Research, 1999, 57, 131-136.	1.3	27
38	Putative Significance of Shifts in Acetyl-CoA Compartmentalization in Nerve Terminals for Disturbances of Cholinergic Transmission in Brain. Developmental Neuroscience, 1998, 20, 485-492.	1.0	19
39	Effect of Aluminum on Acetylâ€CoA and Acetylcholine Metabolism in Nerve Terminals. Journal of Neurochemistry, 1998, 70, 1175-1181.	2.1	40
40	Compartmentation of Acetyl-CoA and Acetylcholine Metabolism in Pyrithiamine Encephalopathy. , 1997, , 737-741.		0
41	Metabolism of Acetyl-CoA and Cholinergic Neuropathies. , 1997, , 821-827.		0
42	Acetylcholine synthesis in nerve terminals of diabetic rats. NeuroReport, 1994, 5, 2421-2424.	0.6	14
43	Elimination of CoASH interference from acetyl-CoA cycling assay by maleic anhydride. Analytical Biochemistry, 1987, 164, 292-296.	1.1	49
44	ATP-Citrate Lyase and Other Enzymes of Acetyl-CoA Metabolism in Fractions of Small and Large Synaptosomes from Rat Brain Hippocampus and Cerebellum. Journal of Neurochemistry, 1983, 41, 1502-1505.	2.1	14
45	Effects of Septal Lesions on Enzymes of Acetyl-CoA Metabolism in the Cholinergic System of the Rat Hippocampus. Journal of Neurochemistry, 1982, 39, 458-463.	2.1	11
46	Determination of pyruvate dehydrogenase and acetyl-CoA synthetase activities using citrate synthase. Analytical Biochemistry, 1981, 115, 81-87.	1.1	46
47	The role of citrate derived from glucose in the acetylcholine synthesis in rat brain synaptosomes. International Journal of Biochemistry & Cell Biology, 1981, 13, 887-892.	0.8	27
48	Tissue Content of Citrate and Citrate-cleavage Enzyme Activity during Starvation and Refeeding. Nature, 1967, 213, 1252-1253.	13.7	12