

Agnieszka Jankowska-Kulawy

List of Publications by Year in descending order

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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	Acetyl-CoA the Key Factor for Survival or Death of Cholinergic Neurons in Course of Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2013, 38, 1523-1542.	1.6	89
2	Differential toxicity of nitric oxide, aluminum, and amyloid β -peptide in SN56 cholinergic cells from mouse septum. <i>Neurochemistry International</i> , 2003, 42, 323-331.	1.9	55
3	Elimination of CoASH interference from acetyl-CoA cycling assay by maleic anhydride. <i>Analytical Biochemistry</i> , 1987, 164, 292-296.	1.1	49
4	Determination of pyruvate dehydrogenase and acetyl-CoA synthetase activities using citrate synthase. <i>Analytical Biochemistry</i> , 1981, 115, 81-87.	1.1	46
5	Phenotype-dependent susceptibility of cholinergic neuroblastoma cells to neurotoxic inputs. <i>Metabolic Brain Disease</i> , 2006, 21, 143-155.	1.4	45
6	The Regulatory Effects of Acetyl-CoA Distribution in the Healthy and Diseased Brain. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 169.	1.8	43
7	Aluminum, NO, and nerve growth factor neurotoxicity in cholinergic neurons. <i>Journal of Neuroscience Research</i> , 2001, 66, 1009-1018.	1.3	42
8	Effect of Aluminum on Acetyl-CoA and Acetylcholine Metabolism in Nerve Terminals. <i>Journal of Neurochemistry</i> , 1998, 70, 1175-1181.	2.1	40
9	Alterations of Adenine Nucleotide Metabolism and Function of Blood Platelets in Patients With Diabetes. <i>Diabetes</i> , 2007, 56, 462-467.	0.3	36
10	Acute and chronic effects of aluminum on acetyl-CoA and acetylcholine metabolism in differentiated and nondifferentiated SN56 cholinergic cells. <i>Journal of Neuroscience Research</i> , 2000, 62, 615-622.	1.3	30
11	The role of citrate derived from glucose in the acetylcholine synthesis in rat brain synaptosomes. <i>International Journal of Biochemistry & Cell Biology</i> , 1981, 13, 887-892.	0.8	27
12	Acetylcholine and acetyl-CoA metabolism in differentiating SN56 septal cell line. <i>Journal of Neuroscience Research</i> , 1999, 57, 131-136.	1.3	27
13	Effects of Aluminum and Calcium on Acetyl-CoA Metabolism in Rat Brain Mitochondria. <i>Journal of Neurochemistry</i> , 2002, 71, 2447-2453.	2.1	27
14	Effects of zinc on SN56 cholinergic neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2007, 103, 972-983.	2.1	27
15	Acetyl-CoA and acetylcholine metabolism in nerve terminal compartment of thiamine deficient rat brain. <i>Journal of Neurochemistry</i> , 2010, 115, 333-342.	2.1	26
16	Short-term effects of zinc on acetylcholine metabolism and viability of SN56 cholinergic neuroblastoma cells. <i>Neurochemistry International</i> , 2010, 56, 143-151.	1.9	24
17	Changes in cortical acetyl-CoA metabolism after selective basal forebrain cholinergic degeneration by 192IgG-saporin. <i>Journal of Neurochemistry</i> , 2003, 87, 318-324.	2.1	23
18	Differential effects of lipopolysaccharide on energy metabolism in murine microglial N9 and cholinergic SN56 neuronal cells. <i>Journal of Neurochemistry</i> , 2015, 133, 284-297.	2.1	23

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19	Effects of NGF on acetylcholine, acetyl-CoA metabolism, and viability of differentiated and non-differentiated cholinergic neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2004, 90, 952-961.	2.1	21
20	Effect of L-Carnitine on Acetyl-CoA Content and Activity of Blood Platelets in Healthy and Diabetic Persons. <i>Clinical Chemistry</i> , 2005, 51, 1673-1682.	1.5	20
21	Acetyl-CoA metabolism in amprolium-evoked thiamine pyrophosphate deficits in cholinergic SN56 neuroblastoma cells. <i>Neurochemistry International</i> , 2011, 59, 208-216.	1.9	20
22	Putative Significance of Shifts in Acetyl-CoA Compartmentalization in Nerve Terminals for Disturbances of Cholinergic Transmission in Brain. <i>Developmental Neuroscience</i> , 1998, 20, 485-492.	1.0	19
23	RS- α -lipoic acid protects cholinergic cells against sodium nitroprusside and amyloid- β neurotoxicity through restoration of acetyl-CoA level. <i>Journal of Neurochemistry</i> , 2006, 98, 1242-1251.	2.1	19
24	The role of adenosine triphosphate citrate lyase in the metabolism of acetyl coenzyme a and function of blood platelets in diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 66-72.	1.5	18
25	Nerve growth factor and acetyl-L-carnitine evoked shifts in acetyl-CoA and cholinergic SN56 cell vulnerability to neurotoxic inputs. <i>Journal of Neuroscience Research</i> , 2005, 79, 185-192.	1.3	18
26	Relationships between cholinergic phenotype and acetyl-CoA level in hybrid murine neuroblastoma cells of septal origin. <i>Journal of Neuroscience Research</i> , 2003, 73, 717-721.	1.3	17
27	Retinoic acid as a therapeutic option in Alzheimer's disease: a focus on cholinergic restoration. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 239-249.	1.4	17
28	Protective effects of voltage-gated calcium channel antagonists against zinc toxicity in SN56 neuroblastoma cholinergic cells. <i>PLoS ONE</i> , 2018, 13, e0209363.	1.1	16
29	ATP-Citrate Lyase and Other Enzymes of Acetyl-CoA Metabolism in Fractions of Small and Large Synaptosomes from Rat Brain Hippocampus and Cerebellum. <i>Journal of Neurochemistry</i> , 1983, 41, 1502-1505.	2.1	14
30	Acetylcholine synthesis in nerve terminals of diabetic rats. <i>NeuroReport</i> , 1994, 5, 2421-2424.	0.6	14
31	Acetyl-CoA deficit in brain mitochondria in experimental thiamine deficiency encephalopathy. <i>Neurochemistry International</i> , 2010, 57, 851-856.	1.9	14
32	Intracellular redistribution of acetyl-CoA, the pivotal point in differential susceptibility of cholinergic neurons and glial cells to neurodegenerative signals. <i>Biochemical Society Transactions</i> , 2014, 42, 1101-1106.	1.6	13
33	Tissue Content of Citrate and Citrate-cleavage Enzyme Activity during Starvation and Refeeding. <i>Nature</i> , 1967, 213, 1252-1253.	13.7	12
34	Platelet Function and Acetyl-Coenzyme A Metabolism in Type 1 Diabetes Mellitus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 1136-43.	1.4	12
35	Phenotype dependent differential effects of interleukin- 1β and amyloid- β on viability and cholinergic phenotype of T17 neuroblastoma cells. <i>Neurochemistry International</i> , 2005, 47, 466-473.	1.9	12
36	Effects of Septal Lesions on Enzymes of Acetyl-CoA Metabolism in the Cholinergic System of the Rat Hippocampus. <i>Journal of Neurochemistry</i> , 1982, 39, 458-463.	2.1	11

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37	A β PP-Transgenic 2576 Mice Mimic Cell Type-Specific Aspects of Acetyl-CoA-Linked Metabolic Deficits in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 1083-1094.	1.2	11
38	Phenotype-Dependent Interactions between N-acetyl-L-Aspartate and Acetyl-CoA in Septal SN56 Cholinergic Cells Exposed to an Excess of Zinc. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1145-1158.	1.2	11
39	Early and Late Pathomechanisms in Alzheimer's Disease: From Zinc to Amyloid- β Neurotoxicity. <i>Neurochemical Research</i> , 2017, 42, 891-904.	1.6	10
40	Protection of Cholinergic Neurons against Zinc Toxicity by Glial Cells in Thiamine-Deficient Media. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13337.	1.8	6
41	Resveratrol Inhibits Metabolism and Affects Blood Platelet Function in Type 2 Diabetes. <i>Nutrients</i> , 2022, 14, 1633.	1.7	6
42	Aggravated effects of coexisting marginal thiamine deficits and zinc excess on SN56 neuronal cells. <i>Nutritional Neuroscience</i> , 2021, 24, 432-442.	1.5	5
43	Inhibition of pyruvate dehydrogenase complex activity by 3-bromopyruvate affects blood platelets responses in type 2 diabetes. <i>Pharmacological Reports</i> , 2020, 72, 225-237.	1.5	3
44	Acetyl-CoA Metabolism in Cholinergic Neurons and Their Susceptibility to Neurotoxic Inputs. <i>Metabolic Brain Disease</i> , 2000, 15, 29-44.	1.4	2
45	Hyperglycation of extra and intracellular proteins; marker or active element of diabetic pathomechanisms. <i>Diagnostyka Laboratoryjna I Wiadomości PTDL</i> , 2015, 51, 213-220.	0.0	2
46	CHAPTER 33. Disturbances in Acetyl-CoA Metabolism: A Key Factor in Preclinical and Overt Thiamine Deficiency Encephalopathy. <i>Food and Nutritional Components in Focus</i> , 2012, , 553-571.	0.1	0
47	Compartmentation of Acetyl-CoA and Acetylcholine Metabolism in Pyridoxamine Encephalopathy. , 1997, , 737-741.		0
48	Metabolism of Acetyl-CoA and Cholinergic Neuropathies. , 1997, , 821-827.		0