# Tadeusz PaweÅ‚czyk

List of Publications by Year
in descending order



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|---|---|---|---|
| 99 papers | 2,086 citations | 257101 24 h-index | 315357 38 g-index |
| 101 all docs | 101 docs citations | 101 times ranked | 2442 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The cAMP Inducers Modify N-Acetylaspartate Metabolism in Wistar Rat Brain. Antioxidants, 2021, 10, 1404. | 2.2 | 1 |
| 2 | Role of Energy Metabolism in the Progression of Neuroblastoma. International Journal of Molecular Sciences, 2021, 22, 11421. | 1.8 | 4 |
| 3 | Neither Excessive Nitric Oxide Accumulation nor Acute Hyperglycemia Affects the N-Acetylaspartate Network in Wistar Rat Brain Cells. International Journal of Molecular Sciences, 2020, 21, 8541. | 1.8 | 4 |
| 4 | The Impact of Acetyl-CoA and Aspartate Shortages on the N-Acetylaspartate Level in Different Models of Cholinergic Neurons. Antioxidants, 2020, 9, 522. | 2.2 | 7 |
| 5 | Expression Profiles of Genes Encoding Cornified Envelope Proteins in Atopic Dermatitis and Cutaneous T-Cell Lymphomas. Nutrients, 2020, 12, 862. | 1.7 | 17 |
| 6 | Purinergic signalling in B cells. Acta Biochimica Polonica, 2018, 65, 1-7. | 0.3 | 25 |
| 7 | A data mining paradigm for identifying key factors in biological processes using gene expression data. Scientific Reports, 2018, 8, 9083. | 1.6 | 14 |
| 8 | The Level of TWIST1 expression determines the response of colon cancer cells to mitogen-activated protein kinases inhibitors. Saudi Journal of Gastroenterology, 2018, 24, 37. | 0.5 | 2 |
| 9 | Altered Expression of Genes Encoding Cornulin and Repetin in Atopic Dermatitis. International Archives of Allergy and Immunology, 2017, 172, 11-19. | 0.9 | 22 |
| 10 | Expression of Cornified Envelope Proteins in Skin and Its Relationship with Atopic Dermatitis Phenotype. Acta Dermato-Venereologica, 2017, 97, 36-41. | 0.6 | 30 |
| 11 | Overexpression of ID1 reverses the repression of human dental pulp stem cells differentiation induced by TWIST1 silencing. Acta Biochimica Polonica, 2017, 64, 615-619. | 0.3 | 1 |
| 12 | Gene expression profile of collagen types, osteopontin in the tympanic membrane of patients with tympanosclerosis. Advances in Clinical and Experimental Medicine, 2017, 26, 961-966. | 0.6 | 12 |
| 13 | Suppression of ID1 expression in colon cancer cells increases sensitivity to 5-fluorouracil. Acta Biochimica Polonica, 2017, 64, 315-322. | 0.3 | 8 |
| 14 | Association of a Single Nucleotide Polymorphism in a Late Cornified Envelope-like Proline-rich 1 Gene (LELP1) with Atopic Dermatitis. Acta Dermato-Venereologica, 2016, 96, 459-463. | 0.6 | 15 |
| 15 | Suppression of TWIST1 enhances the sensitivity of colon cancer cells to 5-fluorouracil. International Journal of Biochemistry and Cell Biology, 2016, 78, 268-278. | 1.2 | 21 |
| 16 | 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 |
| 17 | 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 |
| 18 | Differentiation of highâ€risk stage I and II colon tumors based on evaluation of CAV1 gene expression. Journal of Surgical Oncology, 2015, 112, 408-414. | 0.8 | 6 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Expression of TNF-Î±, OPG, IL-1Î² and the presence of the measles virus RNA in the stapes of the patients with otosclerosis. European Archives of Oto-Rhino-Laryngology, 2015, 272, 1907-1912. | 0.8 | 8 |
| 21 | Id1 Expression Level Determines the Differentiation of Human Dental Pulp Stem Cells. Journal of Dental Research, 2014, 93, 576-581. | 2.5 | 7 |
| 22 | Altered response of fibroblasts from human tympanosclerotic membrane to interacting mast cells: Implication for tissue remodeling. International Journal of Biochemistry and Cell Biology, 2014, 57, 35-44. | 1.2 | 4 |
| 23 | Morphological Alterations in the Tympanic Membrane Affected by Tympanosclerosis: Ultrastructural Study. Ultrastructural Pathology, 2014, 38, 69-73. | 0.4 | 4 |
| 24 | 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 |
| 25 | 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 |
| 26 | High glucose concentration impairs ATP outflow and immunoglobulin production by human peripheral B lymphocytes: Involvement of P2X7 receptor. Immunobiology, 2013, 218, 591-601. | 0.8 | 30 |
| 27 | Differential effect of adenosine receptors on growth of human colon cancer HCT 116 and HT-29 cell lines. Archives of Biochemistry and Biophysics, 2013, 533, 47-54. | 1.4 | 20 |
| 28 | High glucose impairs ATP formation on the surface of human peripheral blood B lymphocytes. International Journal of Biochemistry and Cell Biology, 2013, 45, 1246-1254. | 1.2 | 13 |
| 29 | Acetyl-CoA metabolism in amprolium-evoked thiamine pyrophosphate deficits in cholinergic SN56 neuroblastoma cells. Neurochemistry International, 2011, 59, 208-216. | 1.9 | 20 |
| 30 | Expression of Tumor Necrosis Factor-Î±, Interleukin-1Î±, Interleukin-6 and Interleukin-10 in Chronic Otitis Media with Bone Osteolysis. Orl, 2011, 73, 93-99. | 0.6 | 35 |
| 31 | Regulation of adenosine receptors expression in rat B lymphocytes by insulin. Journal of Cellular Biochemistry, 2010, 109, 396-405. | 1.2 | 3 |
| 32 | Acetylâ€CoA and acetylcholine metabolism in nerve terminal compartment of thiamine deficient rat brain. Journal of Neurochemistry, 2010, 115, 333-342. | 2.1 | 26 |
| 33 | Short-term effects of zinc on acetylcholine metabolism and viability of SN56 cholinergic neuroblastoma cells. Neurochemistry International, 2010, 56, 143-151. | 1.9 | 24 |
| 34 | Acetyl-CoA deficit in brain mitochondria in experimental thiamine deficiency encephalopathy. Neurochemistry International, 2010, 57, 851-856. | 1.9 | 14 |
| 35 | Identification of High-Risk Stage II Colorectal Tumors by Combined Analysis of the NDRG1 Gene Expression and the Depth of Tumor Invasion. Annals of Surgical Oncology, 2009, 16, 1287-1294. | 0.7 | 50 |
| 36 | Effect of insulin and glucose on adenosine metabolizing enzymes in human B lymphocytes.. Acta Biochimica Polonica, 2009, 56, . | 0.3 | 4 |

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| 37 | High glucose suppresses expression of equilibrative nucleoside transporter 1 (ENT1) in rat cardiac fibroblasts through a mechanism dependent on PKCâ€Î¶ and MAP kinases. Journal of Cellular Physiology, 2008, 215, 151-160. | 2.0 | 13 |
| 38 | Regulation of phospholipase C-Î´1 by ARGHAP6, a GTPase-activating protein for RhoA: Possible role for enhanced activity of phospholipase C in hypertension. International Journal of Biochemistry and Cell Biology, 2008, 40, 2264-2273. | 1.2 | 9 |
| 39 | Alterations of Adenine Nucleotide Metabolism and Function of Blood Platelets in Patients With Diabetes. Diabetes, 2007, 56, 462-467. | 0.3 | 36 |
| 40 | Expression Patterns of Ki-67 and Telomerase Activity in Middle Ear Cholesteatoma. Otology and Neurotology, 2007, 28, 204-207. | 0.7 | 10 |
| 41 | Different signaling pathways utilized by insulin to regulate the expression of ENT2, CNT1, CNT2 nucleoside transporters in rat cardiac fibroblasts. Archives of Biochemistry and Biophysics, 2007, 464, 344-349. | 1.4 | 11 |
| 42 | Effects of zinc on SN56 cholinergic neuroblastoma cells. Journal of Neurochemistry, 2007, 103, 972-983. | 2.1 | 27 |
| 43 | Diabetes-induced alterations of adenosine receptors expression level in rat liver. Experimental and Molecular Pathology, 2007, 83, 392-398. | 0.9 | 24 |
| 44 | Expression of adenosine receptors in cardiac fibroblasts as a function of insulin and glucose level. Archives of Biochemistry and Biophysics, 2006, 455, 10-17. | 1.4 | 17 |
| 45 | RS-Î±-lipoic acid protects cholinergic cells against sodium nitroprusside and amyloid-Î²2 neurotoxicity through restoration of acetyl-CoA level. Journal of Neurochemistry, 2006, 98, 1242-1251. | 2.1 | 19 |
| 46 | Diabetes-induced decrease of adenosine kinase expression impairs the proliferation potential of diabetic rat T lymphocytes. Immunology, 2006, 118, 402-412. | 2.0 | 48 |
| 47 | Reduced ability to release adenosine by diabetic rat cardiac fibroblasts due to altered expression of nucleoside transporters. Journal of Physiology, 2006, 576, 179-189. | 1.3 | 22 |
| 48 | Phenotype-dependent susceptibility of cholinergic neuroblastoma cells to neurotoxic inputs. Metabolic Brain Disease, 2006, 21, 143-155. | 1.4 | 45 |
| 49 | Prevalence of unidirectional Na+â€“dependent adenosine transport and altered potential for adenosine generation in diabetic cardiac myocytes. Basic Research in Cardiology, 2006, 101, 214-222. | 2.5 | 12 |
| 50 | Cell Cycle Inhibitory Protein p27 in Human Middle Ear Cholesteatoma. Orl, 2006, 68, 296-301. | 0.6 | 4 |
| 51 | Differential effect of insulin and elevated glucose level on adenosine handling in rat T lymphocytes. Journal of Cellular Biochemistry, 2005, 96, 1296-1310. | 1.2 | 11 |
| 52 | 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 |
| 53 | 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 |
| 54 | Phenotype dependent differential effects of interleukin-1Î²2 and amyloid-Î²2 on viability and cholinergic phenotype of T17 neuroblastoma cells. Neurochemistry International, 2005, 47, 466-473. | 1.9 | 12 |

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| 55 | Region-Specific Alterations of Adenosine Receptors Expression Level in Kidney of Diabetic Rat. American Journal of Pathology, 2005, 167, 315-325. | 1.9 | 68 |
| 56 | Recent advances in studies on biochemical and structural properties of equilibrative and concentrative nucleoside transporters.. Acta Biochimica Polonica, 2005, 52, 749-758. | 0.3 | 90 |
| 57 | Recent advances in studies on biochemical and structural properties of equilibrative and concentrative nucleoside transporters. Acta Biochimica Polonica, 2005, 52, 749-58. | 0.3 | 33 |
| 58 | Differential effect of insulin and elevated glucose level on adenosine transport in rat B lymphocytes. International Immunology, 2004, 17, 145-154. | 1.8 | 23 |
| 59 | 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 |
| 60 | Insulin and glucose induced changes in expression level of nucleoside transporters and adenosine transport in rat T lymphocytes. Biochemical Pharmacology, 2004, 68, 1309-1320. | 2.0 | 22 |
| 61 | Ubc9-induced inhibition of diadenosine triphosphate hydrolase activity of the putative tumor suppressor protein Fhit. Archives of Biochemistry and Biophysics, 2004, 428, 160-164. | 1.4 | 26 |
| 62 | K-RAS point mutation, and amplification of C-MYC and C-ERBB2 in colon adenocarcinoma. Folia Histochemica Et Cytobiologica, 2004, 42, 173-9. | 0.6 | 8 |
| 63 | 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 |
| 64 | Insulin induces expression of adenosine kinase gene in rat lymphocytes by signaling through the mitogen-activated protein kinase pathway. Experimental Cell Research, 2003, 286, 152-163. | 1.2 | 24 |
| 65 | The Effect of Insulin on Expression Level of Nucleoside Transporters in Diabetic Rats. Molecular Pharmacology, 2003, 63, 81-88. | 1.0 | 46 |
| 66 | Expression level of Ubc9 protein in rat tissues.. Acta Biochimica Polonica, 2003, 50, 1065-1073. | 0.3 | 15 |
| 67 | Isozymes delta of phosphoinositide-specific phospholipase C and their role in signal transduction in the cell.. Acta Biochimica Polonica, 2003, 50, 1097-1110. | 0.3 | 36 |
| 68 | Expression in Escherichia coli of human ARHGAP6 gene and purification of His-tagged recombinant protein.. Acta Biochimica Polonica, 2003, 50, 239-247. | 0.3 | 6 |
| 69 | Insulin restores expression of adenosine kinase in streptozotocin-induced diabetes mellitus rats. Molecular and Cellular Biochemistry, 2002, 236, 163-171. | 1.4 | 21 |
| 70 | Abnormal FHIT gene transcript and c-myc and c-erbB2 amplification in breast cancer.. Acta Biochimica Polonica, 2002, 49, 341-350. | 0.3 | 3 |
| 71 | Amplification of c-myc gene and overexpression of c-Myc protein in breast cancer and adjacent non-neoplastic tissue. Clinical Biochemistry, 2001, 34, 557-562. | 0.8 | 55 |
| 72 | Distribution of Fhit protein in rat tissues and its intracellular localization. Molecular and Cellular Biochemistry, 2001, 226, 49-55. | 1.4 | 15 |

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| 73 | Protein kinase C-gamma phorbol-binding domain involved in protein-protein interaction. Molecular and Cellular Biochemistry, 2000, 209, 69-77. | 1.4 | 6 |
| 74 | Decreased Expression of Adenosine Kinase in Streptozotocin-Induced Diabetes Mellitus Rats. Archives of Biochemistry and Biophysics, 2000, 375, 1-6. | 1.4 | 50 |
| 75 | Expression in Escherichia coli and Simple Purification of Human Fhit Protein. Protein Expression and Purification, 2000, 18, 320-326. | 0.6 | 14 |
| 76 | Phospholipase C-delta3 binds with high specificity to phosphatidylinositol 4,5-bisphosphate and phosphatidic acid in bilayer membranes. FEBS Journal, 1999, 262, 291-298. | 0.2 | 24 |
| 77 | Localization of phospholipase C delta3 in the cell and regulation of its activity by phospholipids and calcium. FEBS Journal, 1998, 257, 169-177. | 0.2 | 29 |
| 78 | Recombinant protein kinase C-Î³ phorbol binding domain upon microinjection blocked insulin-induced maturation ofXenopus leavisoocytes. FEBS Letters, 1998, 423, 31-34. | 1.3 | 4 |
| 79 | NMR Structure of a Protein Kinase C-Î³ Phorbol-Binding Domain and Study of Proteinâ^'Lipid Micelle Interactionsâ€¡. Biochemistry, 1997, 36, 10709-10717. | 1.2 | 135 |
| 80 | Phospholipase C Isoforms Î´1and Î´3from Human Fibroblasts. Protein Expression and Purification, 1997, 9, 262-278. | 0.6 | 22 |
| 81 | Effect of sphingomyelin and its metabolites on the activity of human recombinant PLC Î´1. International Journal of Biochemistry and Cell Biology, 1997, 29, 815-828. | 1.2 | 11 |
| 82 | Regulation of phospholipase C Î´1 by sphingosine. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1325, 287-296. | 1.4 | 11 |
| 83 | The effect of different molecular species of sphingomyelin on phospholipase C Î´1 activity. Biochimie, 1997, 79, 741-748. | 1.3 | 6 |
| 84 | Structural Requirements of Phospholipase C delta1 for Regulation by Spermine, Sphingosine and Sphingomyelin. FEBS Journal, 1997, 248, 459-465. | 0.2 | 22 |
| 85 | Purine nucleotide cycle in rat renal cortex and medulla under conditions that mimic normal and low oxygen supply. Kidney International, 1996, 50, 1195-1201. | 2.6 | 4 |
| 86 | Effects of TRH, prolactin and TSH on cell proliferation in the intermediate lobe of the rat pituitary gland. Journal of Endocrinology, 1996, 148, 193-196. | 1.2 | 6 |
| 87 | Inhibition of cGMP-Phosphodiesterase Restores the Glomerular Effects of Atrial Natriuretic Factor in Low Sodium Diet Rats. Kidney and Blood Pressure Research, 1995, 18, 254-266. | 0.9 | 5 |
| 88 | Changes in the structure of pyruvate dehydrogenase complex induced by mono- and divalent ions. International Journal of Biochemistry and Cell Biology, 1995, 27, 513-521. | 1.2 | 5 |
| 89 | The role of inositol phospholipids in the association of band 4.1 with the human erythrocyte membrane. FEBS Journal, 1993, 211, 671-681. | 0.2 | 31 |
| 90 | Inhibition of phospholipase cÎ´ by hexadecylphosphorylcholine and lysophospholipids with antitumor activity. Biochemical Pharmacology, 1993, 45, 493-497. | 2.0 | 33 |

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| 91 | The Regulatory Properties of Kidney Pyruvate Dehydrogenase Complex Components. Archives of Biochemistry and Biophysics, 1993, 300, 489-494. | 1.4 | 3 |
| 92 | Binding of phospholipase CÎ´1 to phospholipid vesicles. Biochemical Journal, 1993, 291, 693-696. | 1.7 | 33 |
| 93 | Regulation of pyruvate dehydrogenase kinase activity from pig kidney cortex. Biochemical Journal, 1992, 288, 369-373. | 1.7 | 14 |
| 94 | The distribution of enzymes involved in purine metabolism in rat kidney. Biochimica Et Biophysica Acta - General Subjects, 1992, 1116, 309-314. | 1.1 | 26 |
| 95 | Effect of ionic strength on the regulatory properties of 2-oxoglutarate dehydrogenase complex. Biochimie, 1992, 74, 171-176. | 1.3 | 2 |
| 96 | Effect of ionic strength and pH on the activity of pyruvate dehydrogenase complex from pig kidney cortex. Archives of Biochemistry and Biophysics, 1992, 294, 44-49. | 1.4 | 12 |
| 97 | Regulation of phospholipase CÎ´ activity by sphingomyelin and sphingosine. Archives of Biochemistry and Biophysics, 1992, 297, 328-333. | 1.4 | 53 |
| 98 | Renal Handling and Metabolism of Adenosine in Diabetic Rats1. Contributions To Nephrology, 1989, 73, 52-58. | 1.1 | 23 |
| 99 | The effects of various anions and cations on the regulation of pyruvate dehydrogenase complex activity from pig kidney cortex. Biochemical Journal, 1988, 253, 819-825. | 1.7 | 11 |