## Dmytro O Minchenko

List of Publications by Year in descending order

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DMYTRO O MINCHENKO

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Hypoxia induces transcription of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase-4 gene via<br>hypoxia-inducible factor-11± activation. FEBS Letters, 2004, 576, 14-20.   | 1.3 | 101       |
| 2  | Downstream targets of methyl CpG binding protein 2 and their abnormal expression in the frontal cortex of the human Rett syndrome brain. BMC Neuroscience, 2010, 11, 53.  | 0.8 | 84        |
| 3  | High epiregulin expression in human U87 glioma cells relies on IRE1α and promotes autocrine growth through EGF receptor. BMC Cancer, 2013, 13, 597.   | 1.1 | 81        |
| 4  | Overexpression of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-4 in the human breast and colon malignant tumors. Biochimie, 2005, 87, 1005-1010.  | 1.3 | 79        |
| 5  | Hypoxic regulation of PFKFB-3 and PFKFB-4 gene expression in gastric and pancreatic cancer cell lines and expression of PFKFB genes in gastric cancers Acta Biochimica Polonica, 2006, 53, 789-799.                                     | 0.3 | 62        |
| 6  | Mechanisms of regulation of PFKFB expression in pancreatic and gastric cancer cells. World Journal of Gastroenterology, 2014, 20, 13705.  | 1.4 | 58        |
| 7  | Hypoxic regulation of PFKFB-3 and PFKFB-4 gene expression in gastric and pancreatic cancer cell lines and expression of PFKFB genes in gastric cancers. Acta Biochimica Polonica, 2006, 53, 789-99.                                     | 0.3 | 29        |
| 8  | Inhibition of kinase and endoribonuclease activity of ERN1/IRE1α affects expression of proliferationrelated genes in U87 glioma cells. Endoplasmic Reticulum Stress in Diseases, 2015, 2, .   | 0.2 | 27        |
| 9  | Expression of insulin-like growth factor binding protein genes and its hypoxic regulation in U87<br>glioma cells depends on ERN1 mediated signaling pathway of endoplasmic reticulum stress. Endocrine<br>Regulations, 2015, 49, 73-83. | 0.5 | 27        |
| 10 | Expression and hypoxia-responsiveness of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 in mammary gland malignant cell lines Acta Biochimica Polonica, 2005, 52, 881-888.  | 0.3 | 25        |
| 11 | Splice isoform of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-4: Expression and hypoxic regulation. Molecular and Cellular Biochemistry, 2005, 280, 227-234.   | 1.4 | 24        |
| 12 | Effect of hypoxia on the expression of genes encoding insulin-like growth factors and some related proteins in U87 glioma cells without IRE1 function. Endocrine Regulations, 2016, 50, 43-54.  | 0.5 | 22        |
| 13 | Inhibition of ERN1 modifies the hypoxic regulation of the expression of TP53-related genes in U87 glioma cells. Endoplasmic Reticulum Stress in Diseases, 2014, 1, .  | 0.2 | 21        |
| 14 | Hypoxic regulation of EDN1, EDNRA, EDNRB, and ECE1 gene expressions in ERN1 knockdown U87 glioma cells. Endocrine Regulations, 2019, 53, 250-262.   | 0.5 | 21        |
| 15 | Insulin receptor, IRS1, IRS2, INSIG1, INSIG2, RRAD, and BAIAP2 gene expressions in glioma U87 cells with ERN1 loss of function: effect of hypoxia and glutamine or glucose deprivation. Endocrine Regulations, 2013, 47, 15-26.         | 0.5 | 21        |
| 16 | Single-walled carbon nanotubes affect the expression of genes associated with immune response in normal human astrocytes. Toxicology in Vitro, 2018, 52, 122-130.   | 1.1 | 19        |
| 17 | Effect of hypoxia on the expression of CCN2, PLAU, PLAUR, SLURP1, PLAT and ITGB1 genes in ERN1 knockdown U87 glioma cells. Ukrainian Biochemical Journal, 2014, 86, 79-89.  | 0.1 | 16        |
| 18 | IRE1 inhibition affects the expression of insulin-like growth factor binding protein genes and modifies its sensitivity to glucose deprivation in U87 glioma cells. Endocrine Regulations, 2015, 49, 185-197.                           | 0.5 | 16        |

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|----|---|--------------------|---------------------------|
| 19 | Expression of genes encoding IGF1, IGF2, and IGFBPs in blood of obese adolescents with insulin resistance. Endocrine Regulations, 2019, 53, 34-45.  | 0.5                | 14                        |
| 20 | Hypoxic regulation of the expression of genes encoded estrogen related proteins in U87 glioma cells:<br>eff ect of IRE1 inhibition. Endocrine Regulations, 2017, 51, 8-19.  | 0.5                | 13                        |
| 21 | Effect of glucose deprivation on the expression of genes encoding glucocorticoid receptor and some related factors in ERN1-knockdown U87 glioma cells. Endocrine Regulations, 2019, 53, 237-249.  | 0.5                | 13                        |
| 22 | Inhibition of IRE1 signaling affects the expression of genes encoded glucocorticoid receptor and some related factors and their hypoxic regulation in U87 glioma cells. Endocrine Regulations, 2016, 50, 127-136.                       | 0.5                | 12                        |
| 23 | Insulin resistance in obese adolescents affects the expression of genes associated with immune response. Endocrine Regulations, 2019, 53, 71-82.  | 0.5                | 12                        |
| 24 | The low doses of SWCNTs affect the expression of proliferation and apoptosis related genes in normal human astrocytes. Current Research in Toxicology, 2021, 2, 64-71.  | 1.3                | 11                        |
| 25 | Expression of <i>IDE</i> and <i>PITRM1</i> genes in ERN1 knockdown U87 glioma cells: effect of hypoxia and glucose deprivation. Endocrine Regulations, 2020, 54, 183-195.   | 0.5                | 11                        |
| 26 | Expression and hypoxia-responsiveness of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 in mammary gland malignant cell lines. Acta Biochimica Polonica, 2005, 52, 881-8.   | 0.3                | 11                        |
| 27 | The role of the TNF receptors and apoptosis inducing ligands in tumor growth. Ukrainian Biochemical<br>Journal, 2016, 88, 18-37.  | 0.1                | 10                        |
| 28 | Molecular Mechanisms of ERN1-Mediated Angiogenesis. International Journal of Physiology and Pathophysiology, 2014, 5, 1-22.   | 0.1                | 10                        |
| 29 | Effect of hypoxia on the expression of genes that encode some IGFBP and CCN proteins in U87 glioma cells depends on IRE1 signaling. Ukrainian Biochemical Journal, 2015, 87, 52-63.   | 0.1                | 9                         |
| 30 | Inhibition of IRE1 signaling affects expression of a subset genes encoding for TNF-related factors and receptors and modifies their hypoxic regulation in U87 glioma cells. Endoplasmic Reticulum Stress in Diseases, 2016, 3, .        | 0.2                | 8                         |
| 31 | The vascular endothelial growth factor genes expression in glioma U87 cells is dependent from ERN1 signaling enzyme function. Advances in Biological Chemistry, 2012, 02, 198-206.  | 0.2                | 8                         |
| 32 | ERN1 knockdown modifies the hypoxic regulation of TP53, MDM2, USP7 and PERP gene expressions in<br>U87 glioma cells. Ukrainian Biochemical Journal, 2014, 86, 90-102.   | 0.1                | 7                         |
| 33 | Expression of tumor growth related genes in IRE1 knockdown U87 glioma cells: effect of hypoxia.<br>Ukrainian Biochemical Journal, 2017, 89, 40-51.  | 0.1                | 7                         |
| 34 | The Expression of <i>TIMP</i> 1, <i>TIMP</i> 2, <i>VCAN</i> ,<br><i>SPARC</i> , <i>CLEC</i> 3 <i>B</i> and<br><i>E</i> 2 <i>F</i> 1 in Subcutaneous Adipose Tissue of Obese Males and Glucose<br>Intolerance, CellBio, 2013, 02, 45-53. | 1.3                | 7                         |
| 35 | The impact of single walled carbon nanotubes on the expression of microRNA in zebrafish (Danio) Tj ETQq1 1  | 0.784314 rg<br>0.5 | gBT <sub>4</sub> Overlock |
| 36 | Effect of hypoxia and glutamine or glucose deprivation on the expression of retinoblastoma and retinoblastoma-related genes in ERN1 knockdown glioma U87 cell line. American Journal of Molecular                                       | 0.1                | 6                         |

Biology, 2012, 02, 21-31.

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|----|---|-------------------------|-----------------------------|
| 37 | Effect of cerium dioxide nanoparticles on the expression of selected growth and transcription factors in human astrocytes. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 156-160.  | 0.5                     | 6                           |
| 38 | Hypoxic regulation of the expression of cell proliferation related genes in U87 glioma cells upon inhibition of IRE1 signaling enzyme. Ukrainian Biochemical Journal, 2016, 88, 11-21.  | 0.1                     | 6                           |
| 39 | Hypoxic regulation of MYBL1, MEST, TCF3, TCF8, GTF2B, GTF2F2 and SNAI2 genes expression in U87 glioma cells upon IRE1 inhibition. Ukrainian Biochemical Journal, 2016, 88, 52-62.   | 0.1                     | 6                           |
| 40 | Effect of Hypoxia on the Expression of a Subset of Proliferation Related Genes in IRE1 Knockdown U87<br>Glioma Cells. Advances in Biological Chemistry, 2017, 07, 195-210.  | 0.2                     | 6                           |
| 41 | Expression of IGFBP6, IGFBP7, NOV, CYR61, WISP1 and WISP2 genes in U87 glioma cells in glutamine deprivation condition. Ukrainian Biochemical Journal, 2016, 88, 66-77.   | 0.1                     | 6                           |
| 42 | Singleâ€walled carbon nanotubes affect the expression of the CCND2 gene in human U87 glioma cells.<br>Materialwissenschaft Und Werkstofftechnik, 2016, 47, 180-188.   | 0.5                     | 5                           |
| 43 | Inhibition of IRE1 modifies effect of glucose deprivation on the expression of TNF?-related genes in U87 glioma cells. Ukrainian Biochemical Journal, 2015, 87, 36-51.  | 0.1                     | 5                           |
| 44 | Inhibition of IRE1 modifies the hypoxic regulation of GADD family gene expressions in U87 glioma cells.<br>Ukrainian Biochemical Journal, 2016, 88, 25-34.  | 0.1                     | 5                           |
| 45 | Effect of hypoxia on the expression of nuclear genes encoding mitochondrial proteins in U87 glioma<br>cells. Ukrainian Biochemical Journal, 2016, 88, 54-65.  | 0.1                     | 5                           |
| 46 | IRE-1alpha Signaling as a Key Target for Suppression of Tumor Growth. Single Cell Biology, 2015, 04, .  | 0.2                     | 5                           |
| 47 | Expression of SNF1/AMPâ€activated protein kinase and casein kinaseâ€1ε in different rat tissues are sensitive<br>markers of in vivo silver nanoparticles action. Materialwissenschaft Und Werkstofftechnik, 2011, 42,<br>118-122. | 0.5                     | 4                           |
| 48 | ERN1 knockdown modifies the impact of glucose and glutamine deprivations on the expression of EDN1 and its receptors in glioma cells. Endocrine Regulations, 2021, 55, 72-82.   | 0.5                     | 4                           |
| 49 | Silencing of NAMPT leads to up-regulation of insulin receptor substrate 1 gene expression in U87 glioma cells. Endocrine Regulations, 2020, 54, 31-42.  | 0.5                     | 4                           |
| 50 | Expression of genes encoding IGFBPs, SNARK, CD36, and PECAM1 in the liver of mice treated with chromium disilicide and titanium nitride nanoparticles. Endocrine Regulations, 2017, 51, 84-95.                                    | 0.5                     | 3                           |
| 51 | ERN1 knockdown modifies the effect of glucose deprivation on homeobox gene expressions in U87 glioma cells. Endocrine Regulations, 2020, 54, 196-206.   | 0.5                     | 3                           |
| 52 | Inhibition of ERN1 Signaling is Important for the Suppression of Tumor Growth. Clinical Cancer Drugs, 2021, 8, 27-38.   | 0.3                     | 3                           |
| 53 | Expression of the VEGF, Glut1 and 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-3 and -4 in<br>human cancers of the lung, colon and stomach. Studia Biologica = ĐʿІОЛОĐʿʿІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Stu                               | dia <sup>0</sup> Biolog | ica <sup>3</sup> 2009, 3, 3 |
| 54 | Expression of phosphoribosyl pyrophosphate synthetase genes in U87 glioma cells with ERN1<br>knockdown: effect of hypoxia and endoplasmic reticulum stress. Ukrainian Biochemical Journal, 2014,<br>86, 74-83.                    | 0.1                     | 3                           |

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|----|--|----------------------------|----------------------|
| 55 | Effect of C <sub>60</sub> Fullerene on the expression of ERN1 signaling related genes in human astrocytes. Materialwissenschaft Und Werkstofftechnik, 2013, 44, 150-155.   | 0.5                        | 2                    |
| 56 | IRE-1α regulates expression of ubiquitin specific peptidases during hypoxic response in U87 glioma cells.<br>Endoplasmic Reticulum Stress in Diseases, 2016, 3, .  | 0.2                        | 2                    |
| 57 | Inhibition of IRE1 modifies hypoxic regulation of G6PD, GPI, TKT, TALDO1, PGLS and RPIA genes expression<br>in U87 glioma cells. Ukrainian Biochemical Journal, 2017, 89, 38-49.   | 0.1                        | 2                    |
| 58 | Expression of casein kinase genes in glioma cell line U87: Effect of hypoxia and glucose or glutamine deprivation. Natural Science, 2012, 04, 38-46.   | 0.2                        | 2                    |
| 59 | Expression of circadian genes in subcutaneous adipose tissue of obese men with glucose intolerance and type 2 diabetes. Journal of Experimental and Integrative Medicine, 2015, 5, 23.   | 0.1                        | 2                    |
| 60 | Expression of hexokinase and 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase genes in ERN1<br>knockdown glioma U87 cells: effect of hypoxia and glutamine or glucose deprivation. Studia Biologica<br>= ĐʿІОЛОĐʿʿІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica, 2011, 5, 5-18. | 0.1                        | 2                    |
| 61 | Endoplasmic Reticulum Stress and Angiogenesis in Cancer. International Journal of Physiology and Pathophysiology, 2014, 5, 261-281.  | 0.1                        | 2                    |
| 62 | Molecular bases of the development of obesity and its metabolic complications in children.<br>Sovremennaâ Pediatriâ, 2015, , 109-112.  | 0.1                        | 2                    |
| 63 | Expression of ubiquitin specific peptidase and ATG7 genes in U87 glioma cells upon glutamine deprivation. Ukrainian Biochemical Journal, 2017, 89, 52-61.  | 0.1                        | 2                    |
| 64 | Expression of circadian gens in different rat tissues is sensitive marker of in vivo silver nanoparticles action. IOP Conference Series: Materials Science and Engineering, 2012, 40, 012016.  | 0.3                        | 1                    |
| 65 | Expression of Endoplasmic Reticulum Stress Related Genes in Blood Cells of Obese Boys with and without Insulin Resistance. International Journal of Biomedicine, 2015, 5, 24-29.   | 0.1                        | 1                    |
| 66 | 6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase mRNA expression in streptozotocin-diabetic rats. Biopolymers and Cell, 2008, 24, 260-266.   | 0.1                        | 1                    |
| 67 | 6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase genes: structural organization, expression and<br>regulation of the expression. Studia Biologica = ĐʿІОЛОĐʿʿІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica, 200   | 9, 3 <mark>, 1</mark> 23-1 | 140 <mark>.</mark>   |
| 68 | Disturbance of the expression of circadian genes Per1, Clock and BMal1 in rat liver, lung, testis, kidney<br>and heart under silver nanoparticles action on organism. Studia Biologica = ÐʿІОЛОГІЧÐІ СТУД<br>4, 5-14.  | І <b>Ð</b> ‡IStu           | dia Biologica,       |
| 69 | Expression of anti-angiogenic genes in subcutaneous adipose tissue of the obese individuals with<br>pre-diabetes and type 2 diabetes. Studia Biologica = ĐʿІОЛОГІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica,  | 2012, 6, 1                 | 17-3 <sup>1</sup> 2. |
| 70 | Dominant-Negative Constructs of IRE-1alpha as an Effective way to Suppression of Tumor Growth through the Inhibition of Cell Proliferation. Journal of Modern Medicinal Chemistry, 2015, 3, 35-43.   | 0.8                        | 1                    |
| 71 | Expression of TIMP1, TIMP2, THBS1 and THBS2 genes in blood cells of the obese adolescents with normal and impaired insulin sensitivity. Sovremennaâ Pediatriâ, 2015, , 119-122.  | 0.1                        | 1                    |
| 72 | IRE1 knockdown modifies hypoxic regulation of cathepsins and LONP1 genes expression in u87 glioma cells. Ukrainian Biochemical Journal, 2017, 89, 55-69.   | 0.1                        | 1                    |

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|----|--|--------------------------------------|-----------------------------|
| 73 | The expression of DDX58, IFIH1, IFI16, and AIM2 genes in obese adolescents and men with insulin resistance. Sovremennaâ Pediatriâ, 2017, , 106-111.  | 0.1                                  | 1                           |
| 74 | Insulin resistance in obese adolescents and adult men modifies the expression of proliferation related genes. Ukrainian Biochemical Journal, 2019, 91, 65-77.  | 0.1                                  | 1                           |
| 75 | Insulin receptor substrate 1 gene expression is strongly up-regulated by HSPB8 silencing in U87 glioma cells. Endocrine Regulations, 2020, 54, 231-243.  | 0.5                                  | 1                           |
| 76 | The impact of glutamine deprivation on the expression of MEIS3, SPAG4, LHX1, LHX2, and LHX6 genes in ERN1 knockdown U87 glioma cells. Endocrine Regulations, 2022, 56, 38-47.  | 0.5                                  | 1                           |
| 77 | Exposure to nanographene oxide induces gene expression dysregulation in normal human astrocytes.<br>Endocrine Regulations, 2022, 56, 216-226.  | 0.5                                  | 1                           |
| 78 | W11-P-009 Upregulation of the transcript level of P-selectin in the heart of C57BL/6 (wild-type),<br>LDL-receptor and apoE knockout mice in response to LPS. Atherosclerosis Supplements, 2005, 6, 58-59.  | 1.2                                  | 0                           |
| 79 | Effect of methyl tertial butyl ether on the expression of mRNA coding for<br>6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-3 and VEGF in rat liver and lung. Studia<br>Biologica = ĐʿІОЛОĐʿʿІЧĐІ Đ¡Đ¢Đ£Đ''ІЇ Studia Biologica, 2009, 3, 5-14. | 0.1                                  | 0                           |
| 80 | Unique alternative splice variants of mouse and human<br>6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-2 mRNA. Studia Biologica = БІОЛОБ'ІЧĐІ Đ¡Đ<br>2010, 4, 13-24.  | ¢ <b>Ð<u>ð</u>.Ð</b> "І <del>{</del> | D‡ <b>&amp;</b> tudia Bio   |
| 81 | Endoplasmic reticulum–nuclei signaling enzyme-1 knockdown modulates effect of hypoxia and<br>ischemia on the expression of circadian genes in glioma cells. Studia Biologica = БІОЛОГІЧÐІ Ð¡Đ¢Đ<br>2011, 5, 37-50.                                   | £ĐởІЇ                                | St <b>o</b> dia Biolog      |
| 82 | Effect of hypoxia, glutamine and glucose deprivation on the expression of mRNA of the<br>retinoblastoma binding proteins in glioma cells. Studia Biologica = ÐʿÐ†ÐžÐ›ĐžĐ"Ð†Ð§ÐІ СТУДІЇ Stu   | dia <mark>Bi</mark> ologi            | ca, <sup>0</sup> 2011, 5, 5 |
| 83 | Hypoxic regulation of the expression of anti-angiogenic genes in U87 glioma cells with loss of<br>function of ern1 signaling enzyme. Studia Biologica = ĐʿІОЛОĐʿІЧĐІ Đ¡Đ¢Đ£Đ"ІЇ Studia Biologica   | , 281 <sup>1</sup> 2, 6,             | 15 <mark>-</mark> 28.       |
| 84 | IRE-1 Dependent Expression of Phosphoribosyl Pyrophosphate Synthetase Genes in U87 Glioma Cells:<br>Effect of Glucose or Glutamine Deprivation. International Journal of Genomic Medicine, 2013, 1, .  | 0.0                                  | 0                           |
| 85 | Molecular mechanisms of regulation of gene expression at hypoxia. Studia Biologica = ÐʿІОЛОÐʻʿІЧÐІ f<br>Biologica, 2013, 7, 159-176.   | D;Đ¢Đ£Đ"<br>0.1                      | ІЇ Studia                   |
| 86 | Effect of ERN1 knockdown on the expression of MAP3K5, MAP4K3, CIB1, RIPK1, and RIPK2 genes in U87 glioma cells and its hypoxic regulation. Journal of Investigational Biochemistry, 2014, 3, 101.  | 0.4                                  | 0                           |
| 87 | Expression of VEGF, E2F8, COL6A1, IGFBP2, PLK1, RB1, RBL1 and TP53 genes in pediatric glioma.<br>Sovremennaâ Pediatriâ, 2015, , 126-129.   | 0.1                                  | 0                           |
| 88 | Development of insulin resistance in the obese adolescents changes the expression level of CLU, PCOLCE, COL5A1 and TYMP genes in blood cells. Sovremennaâ Pediatriâ, 2015, 71, 127-130.  | 0.1                                  | 0                           |
| 89 | The expression of NAMPT, PLOD2, FBN1, and IFRD genes in blood cells in the obese adolescents with insulin resistance. Sovremennaâ Pediatriâ, 2016, 75, 132-136.  | 0.1                                  | 0                           |
| 90 | Effect of chromium disilicide and titanium nitride nanoparticles on the expression of NAMPT, E2F8, FAS, TBX3, IL13RA2, and UPS7 genes in mouse liver. Ukrainian Biochemical Journal, 2017, 89, 31-42.  | 0.1                                  | 0                           |

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|----|--|-----|-----------|
| 91 | The expression of TLR2, TLR4, TNF and ADD3 genes in the obese adolescents and adult men with different sensitivity to insulin. Sovremennaâ Pediatriâ, 2017, , 147-152. | 0.1 | 0         |

92 ĐžĐ'ÒĐĐ£ĐĐ¢Đ£Đ'ĐĐĐĐ<sup>-</sup> ĐЕОĐ'Đ¥Đ†Đ"ĐĐžĐ¡Đ¢Đ† Đ'Đ<sup>-</sup>Đ'ЧĐ•ĐĐĐ<sup>-</sup> ĐœĐžĐ,ЕКĐ£Đ,Đ<sup>-</sup>ĐĐОЇ Đ'ІĐžĐ**:**@Ď"ІĐ**Φ**Đ' ĐœĐ•Đ