

Dmytro O Minchenko

List of Publications by Year in descending order

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92
papers

1,023
citations

516561

16
h-index

477173

29
g-index

94
all docs

94
docs citations

94
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia induces transcription of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase-4 gene via hypoxia-inducible factor-1 α activation. <i>FEBS Letters</i> , 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. <i>BMC Neuroscience</i> , 2010, 11, 53.	0.8	84
3	High epiregulin expression in human U87 glioma cells relies on IRE1 α and promotes autocrine growth through EGF receptor. <i>BMC Cancer</i> , 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. <i>Biochimie</i> , 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.. <i>Acta Biochimica Polonica</i> , 2006, 53, 789-799.	0.3	62
6	Mechanisms of regulation of PFKFB expression in pancreatic and gastric cancer cells. <i>World Journal of Gastroenterology</i> , 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. <i>Acta Biochimica Polonica</i> , 2006, 53, 789-99.	0.3	29
8	Inhibition of kinase and endoribonuclease activity of ERN1/IRE1 α affects expression of proliferationrelated genes in U87 glioma cells. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2015, 2, .	0.2	27
9	Expression of insulin-like growth factor binding protein genes and its hypoxic regulation in U87 glioma cells depends on ERN1 mediated signaling pathway of endoplasmic reticulum stress. <i>Endocrine Regulations</i> , 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.. <i>Acta Biochimica Polonica</i> , 2005, 52, 881-888.	0.3	25
11	Splice isoform of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-4: Expression and hypoxic regulation. <i>Molecular and Cellular Biochemistry</i> , 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. <i>Endocrine Regulations</i> , 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. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2014, 1, .	0.2	21
14	Hypoxic regulation of EDN1, EDNRA, EDNRB, and ECE1 gene expressions in ERN1 knockdown U87 glioma cells. <i>Endocrine Regulations</i> , 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. <i>Endocrine Regulations</i> , 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. <i>Toxicology in Vitro</i> , 2018, 52, 122-130.	1.1	19
17	Effect of hypoxia on the expression of CCN2, PLA1, PLA2, SLURP1, PLAT and ITGB1 genes in ERN1 knockdown U87 glioma cells. <i>Ukrainian Biochemical Journal</i> , 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. <i>Endocrine Regulations</i> , 2015, 49, 185-197.	0.5	16

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19	Expression of genes encoding IGF1, IGF2, and IGF1R in blood of obese adolescents with insulin resistance. <i>Endocrine Regulations</i> , 2019, 53, 34-45.	0.5	14
20	Hypoxic regulation of the expression of genes encoded estrogen related proteins in U87 glioma cells: effect of IRE1 inhibition. <i>Endocrine Regulations</i> , 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. <i>Endocrine Regulations</i> , 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. <i>Endocrine Regulations</i> , 2016, 50, 127-136.	0.5	12
23	Insulin resistance in obese adolescents affects the expression of genes associated with immune response. <i>Endocrine Regulations</i> , 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. <i>Current Research in Toxicology</i> , 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. <i>Endocrine Regulations</i> , 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. <i>Acta Biochimica Polonica</i> , 2005, 52, 881-8.	0.3	11
27	The role of the TNF receptors and apoptosis inducing ligands in tumor growth. <i>Ukrainian Biochemical Journal</i> , 2016, 88, 18-37.	0.1	10
28	Molecular Mechanisms of ERN1-Mediated Angiogenesis. <i>International Journal of Physiology and Pathophysiology</i> , 2014, 5, 1-22.	0.1	10
29	Effect of hypoxia on the expression of genes that encode some IGF1R and CCN proteins in U87 glioma cells depends on IRE1 signaling. <i>Ukrainian Biochemical Journal</i> , 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. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2016, 3, .	0.2	8
31	The vascular endothelial growth factor genes expression in glioma U87 cells is dependent from ERN1 signaling enzyme function. <i>Advances in Biological Chemistry</i> , 2012, 02, 198-206.	0.2	8
32	ERN1 knockdown modifies the hypoxic regulation of TP53, MDM2, USP7 and PERP gene expressions in U87 glioma cells. <i>Ukrainian Biochemical Journal</i> , 2014, 86, 90-102.	0.1	7
33	Expression of tumor growth related genes in IRE1 knockdown U87 glioma cells: effect of hypoxia. <i>Ukrainian Biochemical Journal</i> , 2017, 89, 40-51.	0.1	7
34	The Expression of <i>TIMP1</i> , <i>TIMP2</i> , <i>VCAN</i> , <i>SPARC</i> , <i>CLEC3</i> , <i>B</i> and <i>E</i> and <i>F</i> in Subcutaneous Adipose Tissue of Obese Males and Glucose Intolerance. <i>CellBio</i> , 2013, 02, 45-53.	1.3	7
35	The impact of single walled carbon nanotubes on the expression of microRNA in zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT/Overl	0.5	7
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. <i>American Journal of Molecular Biology</i> , 2012, 02, 21-31.	0.1	6

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55	Effect of C ₆₀ Fullerene on the expression of ERN1 signaling related genes in human astrocytes. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2013, 44, 150-155.	0.5	2
56	IRE-1 α regulates expression of ubiquitin specific peptidases during hypoxic response in U87 glioma cells. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2016, 3, .	0.2	2
57	Inhibition of IRE1 modifies hypoxic regulation of G6PD, GPI, TKT, TALDO1, PGLS and RPIA genes expression in U87 glioma cells. <i>Ukrainian Biochemical Journal</i> , 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. <i>Natural Science</i> , 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. <i>Journal of Experimental and Integrative Medicine</i> , 2015, 5, 23.	0.1	2
60	Expression of hexokinase and 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase genes in ERN1 knockdown glioma U87 cells: effect of hypoxia and glutamine or glucose deprivation. <i>Studia Biologica = Дізнання в біології</i> , 2011, 5, 5-18.	0.1	2
61	Endoplasmic Reticulum Stress and Angiogenesis in Cancer. <i>International Journal of Physiology and Pathophysiology</i> , 2014, 5, 261-281.	0.1	2
62	Molecular bases of the development of obesity and its metabolic complications in children. <i>SovremennaĀ PediatriĀ</i> , 2015, , 109-112.	0.1	2
63	Expression of ubiquitin specific peptidase and ATG7 genes in U87 glioma cells upon glutamine deprivation. <i>Ukrainian Biochemical Journal</i> , 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. <i>IOP Conference Series: Materials Science and Engineering</i> , 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. <i>International Journal of Biomedicine</i> , 2015, 5, 24-29.	0.1	1
66	6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase mRNA expression in streptozotocin-diabetic rats. <i>Biopolymers and Cell</i> , 2008, 24, 260-266.	0.1	1
67	6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase genes: structural organization, expression and regulation of the expression. <i>Studia Biologica = Дізнання в біології</i> , 2009, 3, 123-140 ¹		
68	Disturbance of the expression of circadian genes Per1, Clock and BMal1 in rat liver, lung, testis, kidney and heart under silver nanoparticles action on organism. <i>Studia Biologica = Дізнання в біології</i> , 2011, 4, 5-14.		
69	Expression of anti-angiogenic genes in subcutaneous adipose tissue of the obese individuals with pre-diabetes and type 2 diabetes. <i>Studia Biologica = Дізнання в біології</i> , 2012, 6, 17-32.		
70	Dominant-Negative Constructs of IRE-1alpha as an Effective way to Suppression of Tumor Growth through the Inhibition of Cell Proliferation. <i>Journal of Modern Medicinal Chemistry</i> , 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. <i>SovremennaĀ PediatriĀ</i> , 2015, , 119-122.	0.1	1
72	IRE1 knockdown modifies hypoxic regulation of cathepsins and LONP1 genes expression in u87 glioma cells. <i>Ukrainian Biochemical Journal</i> , 2017, 89, 55-69.	0.1	1

