

Oleksandr N Minchenko

List of Publications by Year in descending order

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59
papers

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citations

361413

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#	ARTICLE	IF	CITATIONS
1	Hypoxia-inducible Factor-1-mediated Expression of the 6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase-3 (PFKFB3) Gene. <i>Journal of Biological Chemistry</i> , 2002, 277, 6183-6187.	3.4	310
2	Aldose Reductase Inhibitor Fidarestat Prevents Retinal Oxidative Stress and Vascular Endothelial Growth Factor Overexpression in Streptozotocin-Diabetic Rats. <i>Diabetes</i> , 2003, 52, 864-871.	0.6	197
3	Hypoxic regulation of the 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene family (PFKFB1-4) expression in vivo. <i>FEBS Letters</i> , 2003, 554, 264-270.	2.8	194
4	Antioxidants attenuate early up regulation of retinal vascular endothelial growth factor in streptozotocin-diabetic rats. <i>Diabetologia</i> , 2001, 44, 1102-1110.	6.3	168
5	Oxidized Phospholipids Stimulate Angiogenesis Via Autocrine Mechanisms, Implicating a Novel Role for Lipid Oxidation in the Evolution of Atherosclerotic Lesions. <i>Circulation Research</i> , 2006, 99, 900-908.	4.5	134
6	Oxygen Sensing and HIF-1 Activation Does Not Require an Active Mitochondrial Respiratory Chain Electron-transfer Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 21995-21998.	3.4	132
7	Hypoxia induces transcription of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase-4 gene via hypoxia-inducible factor-1 α activation. <i>FEBS Letters</i> , 2004, 576, 14-20.	2.8	101
8	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.	2.6	81
9	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.	2.6	79
10	Essential Role of P-Selectin in the Initiation of the Inflammatory Response Induced by Hemorrhage and Reinfusion. <i>Journal of Experimental Medicine</i> , 1999, 189, 931-938.	8.5	71
11	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.	0.5	62
12	Mechanisms of regulation of PFKFB expression in pancreatic and gastric cancer cells. <i>World Journal of Gastroenterology</i> , 2014, 20, 13705.	3.3	58
13	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.	0.5	29
14	Inhibition of kinase and endoribonuclease activity of ERN1/IRE1 α affects expression of proliferation-related genes in U87 glioma cells. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2015, 2, .	0.2	27
15	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.	1.3	27
16	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.	0.5	25
17	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.	3.1	24
18	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

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19	Hypoxic regulation of EDN1, EDNRA, EDNRB, and ECE1 gene expressions in ERN1 knockdown U87 glioma cells. <i>Endocrine Regulations</i> , 2019, 53, 250-262.	1.3	21
20	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.	1.3	21
21	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.	2.4	19
22	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.	1.3	16
23	Expression of genes encoding IGF1, IGF2, and IGFbps in blood of obese adolescents with insulin resistance. <i>Endocrine Regulations</i> , 2019, 53, 34-45.	1.3	14
24	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.	1.3	13
25	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.	1.3	13
26	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.	1.3	12
27	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.	2.7	11
28	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.	1.3	11
29	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.	0.5	11
30	Molecular Mechanisms of ERN1-Mediated Angiogenesis. <i>International Journal of Physiology and Pathophysiology</i> , 2014, 5, 1-22.	0.1	10
31	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
32	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.	0.6	8
33	Nano-titanium nitride causes developmental toxicity in zebrafish through oxidative stress. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1660-1669.	2.3	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	1.3	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.	0.3	6

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37	Effect of cerium dioxide nanoparticles on the expression of selected growth and transcription factors in human astrocytes. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2013, 44, 156-160.	0.9	6
38	Effect of Hypoxia on the Expression of a Subset of Proliferation Related Genes in IRE1 Knockdown U87 Glioma Cells. <i>Advances in Biological Chemistry</i> , 2017, 07, 195-210.	0.6	6
39	Single-walled carbon nanotubes affect the expression of the CCND2 gene in human U87 glioma cells. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2016, 47, 180-188.	0.9	5
40	IRE-1alpha Signaling as a Key Target for Suppression of Tumor Growth. <i>Single Cell Biology</i> , 2015, 04, .	0.2	5
41	Discrete poly(A)-RNA species from rat liver mitochondria are fragments of 16S mitochondrial rRNA carrying its 5' termini. <i>Molecular Biology Reports</i> , 1983, 9, 155-161.	2.3	4
42	Transcriptional mapping of the rat liver mitochondrial genome. <i>Gene</i> , 1983, 24, 115-124.	2.2	4
43	Expression of SNF1/AMP-activated protein kinase and casein kinase-1 μ in different rat tissues are sensitive markers of in vivo silver nanoparticles action. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2011, 42, 118-122.	0.9	4
44	ERN1 knockdown modifies the impact of glucose and glutamine deprivations on the expression of EDN1 and its receptors in glioma cells. <i>Endocrine Regulations</i> , 2021, 55, 72-82.	1.3	4
45	Silencing of NAMPT leads to up-regulation of insulin receptor substrate 1 gene expression in U87 glioma cells. <i>Endocrine Regulations</i> , 2020, 54, 31-42.	1.3	4
46	ERN1 knockdown modifies the effect of glucose deprivation on homeobox gene expressions in U87 glioma cells. <i>Endocrine Regulations</i> , 2020, 54, 196-206.	1.3	3
47	Inhibition of ERN1 Signaling is Important for the Suppression of Tumor Growth. <i>Clinical Cancer Drugs</i> , 2021, 8, 27-38.	0.3	3
48	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.	0.9	2
49	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
50	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.	0.4	2
51	Endoplasmic Reticulum Stress and Angiogenesis in Cancer. <i>International Journal of Physiology and Pathophysiology</i> , 2014, 5, 261-281.	0.1	2
52	Effect of repeated injections of hydrocortisone and sodium ribonucleate on mitochondrial RNA content in albino rat organs. <i>Bulletin of Experimental Biology and Medicine</i> , 1972, 73, 153-154.	0.8	1
53	6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase mRNA expression in streptozotocin-diabetic rats. <i>Biopolymers and Cell</i> , 2008, 24, 260-266.	0.4	1
54	Insulin receptor substrate 1 gene expression is strongly up-regulated by HSPB8 silencing in U87 glioma cells. <i>Endocrine Regulations</i> , 2020, 54, 231-243.	1.3	1

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55	Exposure to nanographene oxide induces gene expression dysregulation in normal human astrocytes. <i>Endocrine Regulations</i> , 2022, 56, 216-226.	1.3	1
56	Hormonal control of the expression of a portion of the mitochondrial genome in animal cells. <i>Neuroscience and Behavioral Physiology</i> , 1982, 12, 514-518.	0.4	0
57	Characteristics of poly(A)-containing RNA from liver mitochondria of normal and adrenalectomized rats. <i>Neuroscience and Behavioral Physiology</i> , 1986, 16, 291-295.	0.4	0
58	Trends of plasma corticosterone levels in rabbits after experimental concussion. <i>Bulletin of Experimental Biology and Medicine</i> , 1991, 111, 30-32.	0.8	0
59	Heme Oxygenase-1 mRNA Expression in the Lung during Murine Traumatic Shock: Effect of rsPSGL.1g. <i>Anesthesiology</i> , 2002, 96, A420.	2.5	0