

Anna Manzano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6752983/publications.pdf>

Version: 2024-02-01

34
papers

1,561
citations

361413

20
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

2411
citing authors

#	ARTICLE	IF	CITATIONS
1	PFK-2/FBPase-2: maker and breaker of the essential biofactor fructose-2,6-bisphosphate. Trends in Biochemical Sciences, 2001, 26, 30-35.	7.5	301
2	<sc>TGF</sc>β1 targets Smad, p38 <sc>MAPK</sc>, and <sc>PI</sc>3K/Akt signaling pathways to induce <sc>PFKFB</sc>3 gene expression and glycolysis in glioblastoma cells. FEBS Journal, 2017, 284, 3437-3454.	4.7	116
3	PFKFB3 gene silencing decreases glycolysis, induces cell-cycle delay and inhibits anchorage-independent growth in HeLa cells. FEBS Letters, 2006, 580, 3308-3314.	2.8	97
4	Growth Hormone Inhibits Hepatic De Novo Lipogenesis in Adult Mice. Diabetes, 2015, 64, 3093-3103.	0.6	85
5	Fructose 2,6-Bisphosphate in Cancer Cell Metabolism. Frontiers in Oncology, 2018, 8, 331.	2.8	83
6	Cooperation of Adenosine with Macrophage Toll-4 Receptor Agonists Leads to Increased Glycolytic Flux through the Enhanced Expression of PFKFB3 Gene. Journal of Biological Chemistry, 2011, 286, 19247-19258.	3.4	66
7	TP53 induced glycolysis and apoptosis regulator (TIGAR) knockdown results in radiosensitization of glioma cells. Radiotherapy and Oncology, 2011, 101, 132-139.	0.6	64
8	PFKFB3 activation in cancer cells by the p38/MK2 pathway in response to stress stimuli. Biochemical Journal, 2013, 452, 531-543.	3.7	64
9	TP53-inducible Glycolysis and Apoptosis Regulator (TIGAR) Metabolically Reprograms Carcinoma and Stromal Cells in Breast Cancer. Journal of Biological Chemistry, 2016, 291, 26291-26303.	3.4	62
10	CPEB4 Increases Expression of PFKFB3 to Induce Glycolysis and Activate Mouse and Human Hepatic Stellate Cells, Promoting Liver Fibrosis. Gastroenterology, 2020, 159, 273-288.	1.3	61
11	The potential utility of PFKFB3 as a therapeutic target. Expert Opinion on Therapeutic Targets, 2018, 22, 659-674.	3.4	54
12	Progestins activate 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (PFKFB3) in breast cancer cells. Biochemical Journal, 2012, 442, 345-356.	3.7	42
13	Cloning, expression and chromosomal localization of a human testis 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene. Gene, 1999, 229, 83-89.	2.2	38
14	The human ubiquitous 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase gene (PFKFB3): promoter characterization and genomic structure. Gene, 2001, 264, 131-138.	2.2	37
15	<i>Pfkfb3</i> is transcriptionally upregulated in diabetic mouse liver through proliferative signals. FEBS Journal, 2009, 276, 4555-4568.	4.7	36
16	Insulin induces PFKFB3 gene expression in HT29 human colon adenocarcinoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1589, 89-92.	4.1	35
17	Gene repair validation. Nature Biotechnology, 2001, 19, 507-508.	17.5	34
18	Modulation of inflammatory response and parasitism by 15-Deoxy-Δ ^{12,14} prostaglandin J2 in Trypanosoma cruzi-infected cardiomyocytes. International Journal for Parasitology, 2011, 41, 553-562.	3.1	31

#	ARTICLE	IF	CITATIONS
19	Phosphofructokinases Axis Controls Glucose-Dependent mTORC1 Activation Driven by E2F1. <i>IScience</i> , 2019, 20, 434-448.	4.1	29
20	Overexpression of fructose 2,6-bisphosphatase decreases glycolysis and delays cell cycle progression. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 279, C1359-C1365.	4.6	26
21	Failure to generate atheroprotective apolipoprotein AI phenotypes using synthetic RNA/DNA oligonucleotides (chimeraplasts). <i>Journal of Gene Medicine</i> , 2003, 5, 795-802.	2.8	20
22	Switches in 6-phosphofructo-2-kinase isoenzyme expression during rat sperm maturation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 330-335.	2.1	19
23	Neuregulin improves response to glucose tolerance test in control and diabetic rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E440-E451.	3.5	19
24	PI3K/Akt signaling controls PFKFB3 expression during human T-lymphocyte activation. <i>Molecular and Cellular Biochemistry</i> , 2018, 448, 187-197.	3.1	19
25	Overexpression of ubiquitous 6-phosphofructo-2-kinase in the liver of transgenic mice results in weight gain. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 291-297.	2.1	18
26	Sertoli-secreted FGF-2 induces PFKFB4 isozyme expression in mouse spermatogenic cells by activation of the MEK/ERK/CREB pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E695-E707.	3.5	16
27	Akt mediates TIGAR induction in HeLa cells following PFKFB3 inhibition. <i>FEBS Letters</i> , 2016, 590, 2915-2926.	2.8	16
28	Effect of starvation on gene expression of regulatory enzymes of glycolysis/gluconeogenesis in genetically obese (fa/fa) Zucker rats. <i>International Journal of Obesity</i> , 1998, 22, 667-672.	3.4	15
29	6-Phosphofructo-2-kinase/fructose-2,6-bisphosphatase expression in rat brain during development. <i>Molecular Brain Research</i> , 2000, 75, 138-142.	2.3	15
30	Mediators of rat ischemic hepatic preconditioning after cold preservation identified by microarray analysis. <i>Liver Transplantation</i> , 2006, 12, 1615-1625.	2.4	14
31	Specific expression of pfkfb4 gene in spermatogonia germ cells and analysis of its 5'-flanking region. <i>FEBS Letters</i> , 2005, 579, 357-362.	2.8	10
32	Characterization of a new liver- and kidney-specific pfkfb3 isozyme that is downregulated by cell proliferation and dedifferentiation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 748-754.	2.1	10
33	TP53-Induced Glycolysis and Apoptosis Regulator (TIGAR) Is Upregulated in Lymphocytes Stimulated with Concanavalin A. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7436.	4.1	5
34	The Expression of TP53-Induced Glycolysis and Apoptosis Regulator (TIGAR) Can Be Controlled by the Antioxidant Orchestrator NRF2 in Human Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1905.	4.1	4