Ganna Panasyuk

List of Publications by Year in descending order

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39 papers	2,875 citations	331670 21 h-index	345221 36 g-index
40 all docs	40 docs citations	40 times ranked	5154 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Oxidative stress promotes pathologic polyploidization in nonalcoholic fatty liver disease. Journal of Clinical Investigation, 2015, 125, 981-992.	8.2	188
3	Regulation of YAP by mTOR and autophagy reveals a therapeutic target of tuberous sclerosis complex. Journal of Experimental Medicine, 2014, 211, 2249-2263.	8.5	170
4	PPARÎ³ contributes to PKM2 and HK2 expression in fatty liver. Nature Communications, 2012, 3, 672.	12.8	127
5	Defects of Vps15 in skeletal muscles lead to autophagic vacuolar myopathy and lysosomal disease. EMBO Molecular Medicine, 2013, 5, 870-890.	6.9	96
6	The class 3 PI3K coordinates autophagy and mitochondrial lipid catabolism by controlling nuclear receptor PPARÎ±. Nature Communications, 2019, 10, 1566.	12.8	72
7	Subcellular Localization and Regulation of Coenzyme A Synthase. Journal of Biological Chemistry, 2003, 278, 50316-50321.	3.4	63
8	Mutations in the X-linked ATP6AP2 cause a glycosylation disorder with autophagic defects. Journal of Experimental Medicine, 2017, 214, 3707-3729.	8.5	62
9	Hepatocyte nuclear factor 1Î± suppresses steatosis-associated liver cancer by inhibiting PPARÎ³ transcription. Journal of Clinical Investigation, 2017, 127, 1873-1888.	8.2	58
10	Molecular Cloning of CoA Synthase. Journal of Biological Chemistry, 2002, 277, 22107-22110.	3.4	57
11	A2 isoform of mammalian translation factor eEF1A displays increased tyrosine phosphorylation and ability to interact with different signalling molecules. International Journal of Biochemistry and Cell Biology, 2008, 40, 63-71.	2.8	51
12	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. Nature Communications, 2015, 6, 8283.	12.8	47
13	Nuclear Export of S6K1 II Is Regulated by Protein Kinase CK2 Phosphorylation at Ser-17. Journal of Biological Chemistry, 2006, 281, 31188-31201.	3.4	45
14	mTORÎ² Splicing Isoform Promotes Cell Proliferation and Tumorigenesis. Journal of Biological Chemistry, 2009, 284, 30807-30814.	3.4	41
15	Role of PI3K, mTOR and Akt2 signalling in hepatic tumorigenesis via the control of PKM2 expression. Biochemical Society Transactions, 2013, 41, 917-922.	3.4	39
16	Regulation of ribosomal protein S6 kinases by ubiquitination. Biochemical and Biophysical Research Communications, 2008, 369, 382-387.	2.1	36
17	Specific interaction between S6K1 and CoA synthase: a potential link between the mTOR/S6K pathway, CoA biosynthesis and energy metabolism. FEBS Letters, 2004, 578, 357-362.	2.8	31
18	Genetics in biliary atresia. Current Opinion in Gastroenterology, 2019, 35, 73-81.	2.3	30

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19	Dual regulation of fatty acid synthase (FASN) expression by O-GlcNAc transferase (OGT) and mTOR pathway in proliferating liver cancer cells. Cellular and Molecular Life Sciences, 2021, 78, 5397-5413.	5.4	30
20	Receptor association and tyrosine phosphorylation of S6 kinases. FEBS Journal, 2006, 273, 2023-2036.	4.7	25
21	Identification of a novel CoA synthase isoform, which is primarily expressed in the brain. Biochemical and Biophysical Research Communications, 2006, 341, 995-1000.	2.1	24
22	Ribosomal protein S6 kinase 1 interacts with and is ubiquitinated by ubiquitin ligase ROC1. Biochemical and Biophysical Research Communications, 2008, 369, 339-343.	2.1	22
23	Alteration of splicing factorsâ€™ expression during liver disease progression: impact on hepatocellular carcinoma outcome. Hepatology International, 2019, 13, 454-467.	4.2	21
24	CoA Synthase is in complex with p85Î±PI3K and affects PI3K signaling pathway. Biochemical and Biophysical Research Communications, 2009, 385, 581-585.	2.1	18
25	EDC4 interacts with and regulates the dephosphoâ€CoA kinase activity of CoA synthase. FEBS Letters, 2012, 586, 3590-3595.	2.8	18
26	CoA Synthase is phosphorylated on tyrosines in mammalian cells, interacts with and is dephosphorylated by Shp2PTP. Molecular and Cellular Biochemistry, 2010, 335, 195-202.	3.1	13
27	Intravenous administration of scAAV9-Hexb normalizes lifespan and prevents pathology in Sandhoff disease mice. Human Molecular Genetics, 2018, 27, 954-968.	2.9	13
28	Large-scale yeast transformation in low-percentage agarose medium. BioTechniques, 2004, 36, 40-44.	1.8	10
29	The role of the mTOR pathway during liver regeneration and tumorigenesis. Annales D'Endocrinologie, 2013, 74, 121-122.	1.4	9
30	Nuclear Export of S6K1 II Is Regulated by Protein Kinase CK2 Phosphorylation at Ser-17. Journal of Biological Chemistry, 2006, 281, 31188-31201.	3.4	9
31	Generation and Characterization of Monoclonal Antibodies to TDRD7 Protein. Hybridoma, 2008, 27, 211-216.	0.4	5
32	Class 3 phosphoinositide 3â€kinase promotes hepatic glucocorticoid receptor stability and transcriptional activity. Acta Physiologica, 2022, , e13793.	3.8	4
33	Design and Evaluation of Autophagy-Inducing Particles for the Treatment of Abnormal Lipid Accumulation. Pharmaceutics, 2022, 14, 1379.	4.5	4
34	Generation and Characterization of Monoclonal Antibodies to Protein Kinase 2 (CK2) Î² Subunit. Hybridoma, 2005, 24, 206-210.	0.4	3
35	Generation and Characterization of Monoclonal Antibodies to mTOR Kinase. Hybridoma, 2008, 27, 395-399.	0.4	2
36	Alternative splicing regulation during the course of liver disease. Journal of Hepatology, 2018, 68, S130.	3.7	1

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37	Mitochondria as potential regulators of mRNA life-span in mammalian cells. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 125.	1.0	0
38	629 Identification of Potential MTOR-kinase Splicing Isoforms. European Journal of Cancer, 2012, 48, S149.	2.8	0
39	Regulation of YAP by mTOR and autophagy reveals a therapeutic target of Tuberous Sclerosis Complex. Journal of Cell Biology, 2014, 207, 2071OIA181.	5.2	0