Weiqin Lu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5502481/publications.pdf

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36 papers	5,269 citations	257450 24 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	9373 citing authors

#	Article	IF	Citations
1	Redox Regulation of Cell Survival. Antioxidants and Redox Signaling, 2008, 10, 1343-1374.	5.4	1,464
2	Nonredundant Roles of the mPer1 and mPer2 Genes in the Mammalian Circadian Clock. Cell, 2001, 105, 683-694.	28.9	802
3	Novel Action of Paclitaxel against Cancer Cells: Bystander Effect Mediated by Reactive Oxygen Species. Cancer Research, 2007, 67, 3512-3517.	0.9	338
4	Stromal control of cystine metabolism promotes cancer cell survival in chronic lymphocytic leukaemia. Nature Cell Biology, 2012, 14, 276-286.	10.3	295
5	The Warburg effect and its cancer therapeutic implications. Journal of Bioenergetics and Biomembranes, 2007, 39, 267-274.	2.3	285
6	Novel role of p53 in maintaining mitochondrial genetic stability through interaction with DNA Pol Î³. EMBO Journal, 2005, 24, 3482-3492.	7.8	266
7	K-rasG12V transformation leads to mitochondrial dysfunction and a metabolic switch from oxidative phosphorylation to glycolysis. Cell Research, 2012, 22, 399-412.	12.0	257
8	Mitochondrial Dysfunction and Reactive Oxygen Species Imbalance Promote Breast Cancer Cell Motility through a CXCL14-Mediated Mechanism. Cancer Research, 2009, 69, 2375-2383.	0.9	173
9	Fibroblast Growth Factor-10. Journal of Biological Chemistry, 1999, 274, 12827-12834.	3.4	161
10	Allele-Specific Reprogramming of Cancer Metabolism by the Long Non-coding RNA CCAT2. Molecular Cell, 2016, 61, 520-534.	9.7	142
11	The Significance of Mitochondrial Dysfunction in Cancer. International Journal of Molecular Sciences, 2020, 21, 5598.	4.1	141
12	Novel Role of NOX in Supporting Aerobic Glycolysis in Cancer Cells with Mitochondrial Dysfunction and as a Potential Target for Cancer Therapy. PLoS Biology, 2012, 10, e1001326.	5.6	128
13	Cancer Metabolism: Is Glutamine Sweeter than Glucose?. Cancer Cell, 2010, 18, 199-200.	16.8	115
14	Activation of Liver FGF21 in hepatocarcinogenesis and during hepatic stress. BMC Gastroenterology, 2013, 13, 67.	2.0	94
15	Keratinocyte Growth Factor/Fibroblast Growth Factor-7-regulated Cell Migration and Invasion through Activation of NF-Î²B Transcription Factors. Journal of Biological Chemistry, 2007, 282, 6001-6011.	3.4	86
16	Models of reactive oxygen species in cancer. Drug Discovery Today: Disease Models, 2007, 4, 67-73.	1.2	63
17	Oncogenic KRAS Reduces Expression of FGF21 in Acinar Cells to Promote Pancreatic Tumorigenesis in Mice on a High-Fat Diet. Gastroenterology, 2019, 157, 1413-1428.e11.	1.3	57
18	The Significance of Ras Activity in Pancreatic Cancer Initiation. International Journal of Biological Sciences, 2016, 12, 338-346.	6.4	55

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19	Metabolic Regulator Î²Klotho Interacts with Fibroblast Growth Factor Receptor 4 (FGFR4) to Induce Apoptosis and Inhibit Tumor Cell Proliferation. Journal of Biological Chemistry, 2010, 285, 30069-30078.	3.4	48
20	Rush to the fire: FGF21 extinguishes metabolic stress, metaflammation and tissue damage. Cytokine and Growth Factor Reviews, 2017, 38, 59-65.	7.2	41
21	Metabolic activation of mitochondria in glioma stem cells promotes cancer development through a reactive oxygen species-mediated mechanism. Stem Cell Research and Therapy, 2015, 6, 198.	5.5	40
22	FGF21 in obesity and cancer: New insights. Cancer Letters, 2021, 499, 5-13.	7.2	38
23	Common and Specific Determinants for Fibroblast Growth Factors in the Ectodomain of the Receptor Kinase Complex. Biochemistry, 1999, 38, 160-171.	2.5	31
24	FGF21-FGFR1 Coordinates Phospholipid Homeostasis, Lipid Droplet Function, and ER Stress in Obesity. Endocrinology, 2016, 157, 4754-4769.	2.8	29
25	Emerging Structureâ€“Function Paradigm of Endocrine FGFs in Metabolic Diseases. Trends in Pharmacological Sciences, 2019, 40, 142-153.	8.7	24
26	Structural basis of heparan sulfate-specific degradation by heparinase III. Protein and Cell, 2012, 3, 950-961.	11.0	21
27	Obesogenic high-fat diet heightens aerobic glycolysis through hyperactivation of oncogenic KRAS. Cell Communication and Signaling, 2019, 17, 19.	6.5	19
28	Loss of p53 in stromal fibroblasts promotes epithelial cell invasion through redox-mediated ICAM1 signal. Free Radical Biology and Medicine, 2013, 58, 1-13.	2.9	13
29	Pancreatic Tumorigenesis: Oncogenic KRAS and the Vulnerability of the Pancreas to Obesity. Cancers, 2021, 13, 778.	3.7	9
30	Unraveling Endocrine FGF Signaling Complex to Combat Metabolic Diseases. Trends in Biochemical Sciences, 2018, 43, 563-566.	7.5	6
31	Selective killing of cancer cells harboring mutant RAS by concomitant inhibition of NADPH oxidase and glutathione biosynthesis. Cell Death and Disease, 2021, 12, 189.	6.3	6
32	Differential Effects of Dietary Macronutrients on the Development of Oncogenic KRAS-Mediated Pancreatic Ductal Adenocarcinoma. Cancers, 2022, 14, 2723.	3.7	6
33	Transgenic expression of cyclooxygenase-2 in pancreatic acinar cells induces chronic pancreatitis. American Journal of Physiology - Renal Physiology, 2019, 316, G179-G186.	3.4	4
34	Serum Levels of FGF21 and Prediction of Cardiovascular Events. Cardiology, 2018, 139, 219-221.	1.4	3
35	Measurement of Reactive Oxygen Species by Fluorescent Probes in Pancreatic Cancer Cells. Methods in Molecular Biology, 2019, 1882, 207-219.	0.9	3
36	RE: Influence of Statins and Cholesterol on Mortality Among Patients With Pancreatic Cancer. Journal of the National Cancer Institute, 2017, 109, .	6.3	0