

George Pouligiannis

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

6,470
citations

159358

30
h-index

243296

44
g-index

48
all docs

48
docs citations

48
times ranked

12955
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Pyruvate Kinase M2 by Reactive Oxygen Species Contributes to Cellular Antioxidant Responses. <i>Science</i> , 2011, 334, 1278-1283.	6.0	984
2	Reprogramming of fatty acid metabolism in cancer. <i>British Journal of Cancer</i> , 2020, 122, 4-22.	2.9	810
3	Phosphoproteomic Analysis Identifies Grb10 as an mTORC1 Substrate That Negatively Regulates Insulin Signaling. <i>Science</i> , 2011, 332, 1322-1326.	6.0	772
4	The mTORC1 Pathway Stimulates Glutamine Metabolism and Cell Proliferation by Repressing SIRT4. <i>Cell</i> , 2013, 153, 840-854.	13.5	505
5	Asparagine bioavailability governs metastasis in a model of breast cancer. <i>Nature</i> , 2018, 554, 378-381.	13.7	362
6	Perioperative events influence cancer recurrence risk after surgery. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 205-218.	12.5	339
7	Phosphoinositide 3-Kinase/Akt Signaling and Redox Metabolism in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 160.	1.3	283
8	Oncogenic KRAS Regulates Tumor Cell Signaling via Stromal Reciprocation. <i>Cell</i> , 2016, 165, 910-920.	13.5	267
9	<i>PARK2</i> deletions occur frequently in sporadic colorectal cancer and accelerate adenoma development in <i>Apc</i> mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15145-15150.	3.3	202
10	DNA mismatch repair deficiency in sporadic colorectal cancer and Lynch syndrome. <i>Histopathology</i> , 2010, 56, 167-179.	1.6	198
11	Metabolic Stress Controls mTORC1 Lysosomal Localization and Dimerization by Regulating the TTT-RUVBL1/2 Complex. <i>Molecular Cell</i> , 2013, 49, 172-185.	4.5	183
12	Depletion of a Putatively Druggable Class of Phosphatidylinositol Kinases Inhibits Growth of p53-Null Tumors. <i>Cell</i> , 2013, 155, 844-857.	13.5	173
13	DNA Damage, Repair, and Cancer Metabolism. <i>Frontiers in Oncology</i> , 2018, 8, 15.	1.3	169
14	Discovery of naturally occurring ESR1 mutations in breast cancer cell lines modelling endocrine resistance. <i>Nature Communications</i> , 2017, 8, 1865.	5.8	108
15	PARK2 Depletion Connects Energy and Oxidative Stress to PI3K/Akt Activation via PTEN S-Nitrosylation. <i>Molecular Cell</i> , 2017, 65, 999-1013.e7.	4.5	103
16	Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. <i>Cell</i> , 2020, 181, 1596-1611.e27.	13.5	77
17	Metabolic adaptability in metastatic breast cancer by AKR1B10-dependent balancing of glycolysis and fatty acid oxidation. <i>Nature Communications</i> , 2019, 10, 2698.	5.8	75
18	Universal Sample Preparation Unlocking Multimodal Molecular Tissue Imaging. <i>Analytical Chemistry</i> , 2020, 92, 11080-11088.	3.2	64

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19	Mutated Kâ€‹ <i>ras</i> ⁠/i> ^{<i>Asp12</i>} promotes tumourigenesis in <i>Apc</i> ^{<i>Min</i>} mice more in the large than the small intestines, with synergistic effects between Kâ€‹ <i>ras</i> ⁠/i> and <i>Wnt</i> pathways. International Journal of Experimental Pathology, 2009, 90, 558-574.	0.6	59
20	A constitutively activated form of the p110Î² isoform of PI3-kinase induces prostatic intraepithelial neoplasia in mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11002-11007.	3.3	57
21	Identification of CDCP1 as a hypoxia-inducible factor 2Î± (HIF-2Î±) target gene that is associated with survival in clear cell renal cell carcinoma patients. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3483-3488.	3.3	57
22	<sc><i>IRS2</i></sc> is a candidate driver oncogene on 13q34 in colorectal cancer. International Journal of Experimental Pathology, 2013, 94, 203-211.	0.6	49
23	Prognostic relevance of DNA copy number changes in colorectal cancer. Journal of Pathology, 2010, 220, 338-347.	2.1	48
24	Loss of <i>Rassf1a</i> Synergizes with Deregulated Runx2 Signaling in Tumorigenesis. Cancer Research, 2012, 72, 3817-3827.	0.4	45
25	Decreased function of survival motor neuron protein impairs endocytic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4377-86.	3.3	45
26	Nuclear receptor binding protein 1 regulates intestinal progenitor cell homeostasis and tumour formation. EMBO Journal, 2012, 31, 2486-2497.	3.5	40
27	Nonsteroidal anti-inflammatory drugs and pain in cancer patients: a systematic review and reappraisal of the evidence. British Journal of Anaesthesia, 2019, 123, e412-e423.	1.5	39
28	Conditional expression of mutated K-ras accelerates intestinal tumorigenesis in Msh2-deficient mice. Oncogene, 2007, 26, 4415-4427.	2.6	38
29	Increased tumorigenesis associated with loss of the tumor suppressor gene Cadm1. Molecular Cancer, 2012, 11, 29.	7.9	33
30	The SRC-associated protein CUB Domain-Containing Protein-1 regulates adhesion and motility. Oncogene, 2012, 31, 653-663.	2.6	28
31	Kâ€‹ <i>ras</i> ⁠/i> exon 4A has a tumour suppressor effect on carcinogenâ€‹induced murine colonic adenoma formation. Journal of Pathology, 2010, 220, 542-550.	2.1	27
32	<i>PARK2</i> loss promotes cancer progression via redox-mediated inactivation of PTEN. Molecular and Cellular Oncology, 2017, 4, e1329692.	0.3	26
33	Loss of INPP4B causes a DNA repair defect through loss of BRCA1, ATM and ATR and can be targeted with PARP inhibitor treatment. Oncotarget, 2015, 6, 10548-10562.	0.8	26
34	RAS signalling in the colorectum in health and disease. Cell Communication and Adhesion, 2012, 19, 1-9.	1.0	21
35	p53-independent mechanisms regulate the P2-MDM2 promoter in adult astrocytic tumours. British Journal of Cancer, 2008, 99, 1144-1152.	2.9	15
36	Mutant Kâ€‹ <i>ras</i> ⁠/i> promotes carcinogenâ€‹induced murine colorectal tumourigenesis, but does not alter tumour chromosome stability. Journal of Pathology, 2011, 223, 390-399.	2.1	12

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37	Proteomics profiling of interactome dynamics by colocalisation analysis (COLA). <i>Molecular BioSystems</i> , 2017, 13, 92-105.	2.9	11
38	Synergism between K-rasVal12 and mutant Apc accelerates murine large intestinal tumourigenesis. <i>Oncology Reports</i> , 2011, 26, 125-33.	1.2	10
39	Wild-type <i>Kras</i> has a tumour suppressor effect on carcinogen-induced murine colorectal adenoma formation. <i>International Journal of Experimental Pathology</i> , 2014, 95, 8-15.	0.6	9
40	Banking on metabolomics for novel therapies in TNBC. <i>Cell Research</i> , 2022, 32, 423-424.	5.7	2
41	The PI3K Pathway in Colorectal Cancers. , 2013, , 157-199.		1
42	Deconstructing the Metabolic Networks of Oncogenic Signaling Using Targeted Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS). <i>Methods in Molecular Biology</i> , 2017, 1636, 405-414.	0.4	1
43	Abstract A34: Oncogenic KRAS regulates pancreatic cancer cell signaling via stromal reciprocation. , 2016, , .		1
44	Abstract 4588: Identification of CDCP1 as a HIF-2 α target gene involved in the regulation of cancer cell migration and metastasis.. , 2013, , .		0
45	Abstract NG05: Depletion of a putatively druggable class of phosphatidylinositol kinases inhibits growth of p53 null tumors. , 2014, , .		0