

# Costas Koufaris

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

553  
citations

516710

16  
h-index

642732

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic integration of molecular profiles identifies miR-22 as a regulator of lipid and folate metabolism in breast cancer cells. <i>Oncogene</i> , 2016, 35, 2766-2776.	5.9	62
2	Hepatic MicroRNA Profiles Offer Predictive and Mechanistic Insights After Exposure to Genotoxic and Epigenetic Hepatocarcinogens. <i>Toxicological Sciences</i> , 2012, 128, 532-543.	3.1	53
3	Repression of Hedgehog signal transduction in T-lineage cells increases TCR-induced activation and proliferation. <i>Cell Cycle</i> , 2008, 7, 904-908.	2.6	43
4	Suppression of MTHFD2 in MCF-7 Breast Cancer Cells Increases Glycolysis, Dependency on Exogenous Glycine, and Sensitivity to Folate Depletion. <i>Journal of Proteome Research</i> , 2016, 15, 2618-2625.	3.7	38
5	Histone N-alpha terminal modifications: genome regulation at the tip of the tail. <i>Epigenetics and Chromatin</i> , 2020, 13, 29.	3.9	35
6	Protein interaction and functional data indicate MTHFD2 involvement in RNA processing and translation. <i>Cancer &amp; Metabolism</i> , 2018, 6, 12.	5.0	32
7	Accurate Breakpoint Mapping in Apparently Balanced Translocation Families with Discordant Phenotypes Using Whole Genome Mate-Pair Sequencing. <i>PLoS ONE</i> , 2017, 12, e0169935.	2.5	31
8	Time and dose-dependent effects of phenobarbital on the rat liver miRNAome. <i>Toxicology</i> , 2013, 314, 247-253.	4.2	27
9	The cooked meat-derived mammary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) elicits estrogenic-like microRNA responses in breast cancer cells. <i>Toxicology Letters</i> , 2014, 229, 9-16.	0.8	25
10	Modulation of the Genome and Epigenome of Individuals Susceptible to Autism by Environmental Risk Factors. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8699-8718.	4.1	24
11	A novel HCFC1 variant in male siblings with intellectual disability and microcephaly in the absence of cobalamin disorder. <i>Biomedical Reports</i> , 2016, 4, 215-218.	2.0	22
12	N-Terminal Acetyltransferases Are Cancer-Essential Genes Prevalently Upregulated in Tumours. <i>Cancers</i> , 2020, 12, 2631.	3.7	20
13	Mitochondrial MTHFD isozymes display distinct expression, regulation, and association with cancer. <i>Gene</i> , 2019, 716, 144032.	2.2	19
14	Are Differences in MicroRNA Regulation Implicated in Species-Dependent Response to Toxicological Exposures?. <i>Toxicological Sciences</i> , 2013, 131, 337-342.	3.1	18
15	Human and primate-specific microRNAs in cancer: Evolution, and significance in comparison with more distantly-related research models. <i>BioEssays</i> , 2016, 38, 286-294.	2.5	17
16	Using microRNA profiles to predict and evaluate hepatic carcinogenic potential. <i>Toxicology Letters</i> , 2014, 228, 127-132.	0.8	16
17	MicroRNA responses to environmental liver carcinogens: Biological and clinical significance. <i>Clinica Chimica Acta</i> , 2015, 445, 25-33.	1.1	16
18	Haploinsufficiency of the miR-873/miR-876 microRNA cluster is associated with craniofacial abnormalities. <i>Gene</i> , 2015, 561, 95-100.	2.2	15

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19	Effects of treatment with androgen receptor ligands on microRNA expression of prostate cancer cells. <i>Toxicology</i> , 2015, 333, 45-52.	4.2	12
20	Histone N-terminal acetyltransferase NAA40 links one-carbon metabolism to chemoresistance. <i>Oncogene</i> , 2022, 41, 571-585.	5.9	8
21	Identification of NAA40 as a Potential Prognostic Marker for Aggressive Liver Cancer Subtypes. <i>Frontiers in Oncology</i> , 2021, 11, 691950.	2.8	6
22	Deletion of SNURF/SNRPN U1B and U1B* upstream exons in a child with developmental delay and excessive weight. <i>Journal of Genetics</i> , 2016, 95, 621-624.	0.7	4
23	Glutamine addiction in virus-infected mammalian cells: A target of the innate immune system?. <i>Medical Hypotheses</i> , 2021, 153, 110620.	1.5	4
24	Identification of an AVP-NP11 mutation within the AVP moiety in a family with neurohypophyseal diabetes insipidus: review of the literature. <i>Hormones</i> , 2015, 14, 442-6.	1.9	2
25	Detection and characterisation of novel alternative splicing variants of the mitochondrial folate enzyme MTHFD2. <i>Molecular Biology Reports</i> , 2020, 47, 7089-7096.	2.3	2
26	Application of transcriptomic and microRNA profiling in the evaluation of potential liver carcinogens. <i>Toxicology and Industrial Health</i> , 2020, 36, 386-397.	1.4	2
27	The non-genotoxic hepatocarcinogen Phenobarbital causes persistent changes in the expression of liver microRNAs in the male Fischer rat. <i>Toxicology</i> , 2010, 278, 354.	4.2	0
28	MicroRNA modulation of organismal response to environmental exposures. <i>Toxicology Letters</i> , 2014, 229, S18.	0.8	0
29	Abstract 2046: The hepatic miR-200/Zeb module is perturbed in the male Fischer rat following short term treatment with a carcinogenic dose of Phenobarbital. , 2010, , .		0
30	Abstract 176: A characteristic set of microRNAs are deregulated in pre-neoplastic liver exposed to chemical carcinogens. , 2011, , .		0