

# Ana I Robles

## List of Publications by Citations

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78  
papers

6,778  
citations

43  
h-index

82  
g-index

85  
ext. papers

8,259  
ext. citations

13.6  
avg. IF

5.51  
L-index

#	Paper	IF	Citations
78	Genetic variation in microRNA networks: the implications for cancer research. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 389-402	31.3	1045
77	Predicting hepatitis B virus-positive metastatic hepatocellular carcinomas using gene expression profiling and supervised machine learning. <i>Nature Medicine</i> , <b>2003</b> , 9, 416-23	50.5	701
76	p53-induced up-regulation of MnSOD and GPx but not catalase increases oxidative stress and apoptosis. <i>Cancer Research</i> , <b>2004</b> , 64, 2350-6	10.1	294
75	Hsp90 inhibitor PU-H71, a multimodal inhibitor of malignancy, induces complete responses in triple-negative breast cancer models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 8368-73	11.5	255
74	Mutant p53 cancers reprogram macrophages to tumor supporting macrophages via exosomal miR-1246. <i>Nature Communications</i> , <b>2018</b> , 9, 771	17.4	245
73	Clinical outcomes and correlates of TP53 mutations and cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2010</b> , 2, a001016	10.2	191
72	Reduced skin tumor development in cyclin D1-deficient mice highlights the oncogenic ras pathway in vivo. <i>Genes and Development</i> , <b>1998</b> , 12, 2469-74	12.6	184
71	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , <b>2019</b> , 179, 964-983.e31	38.1	173
70	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , <b>2020</b> , 182, 200-225.e35	56.2	139
69	A purine scaffold Hsp90 inhibitor destabilizes BCL-6 and has specific antitumor activity in BCL-6-dependent B cell lymphomas. <i>Nature Medicine</i> , <b>2009</b> , 15, 1369-76	50.5	136
68	p53-mediated apoptosis is attenuated in Werner syndrome cells. <i>Genes and Development</i> , <b>1999</b> , 13, 1355-60	11.6	136
67	Expression of cyclin D1 in epithelial tissues of transgenic mice results in epidermal hyperproliferation and severe thymic hyperplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 7634-8	11.5	135
66	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , <b>2020</b> , 180, 729-748.e26	56.2	122
65	The p53 network in lung carcinogenesis. <i>Oncogene</i> , <b>2002</b> , 21, 6898-907	9.2	120
64	Interaction between the microbiome and TP53 in human lung cancer. <i>Genome Biology</i> , <b>2018</b> , 19, 123	18.3	118
63	Microenvironmental modulation of asymmetric cell division in human lung cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 2195-200	11.5	112
62	Novel indenoisoquinolines NSC 725776 and NSC 724998 produce persistent topoisomerase I cleavage complexes and overcome multidrug resistance. <i>Cancer Research</i> , <b>2007</b> , 67, 10397-405	10.1	110

61	Functional interaction between BLM helicase and 53BP1 in a Chk1-mediated pathway during S-phase arrest. <i>Journal of Cell Biology</i> , <b>2004</b> , 166, 801-13	7.3	110
60	Functional interaction of p53 and BLM DNA helicase in apoptosis. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 32948-55	5.4	106
59	Laser capture microdissection and microarray expression analysis of lung adenocarcinoma reveals tobacco smoking- and prognosis-related molecular profiles. <i>Cancer Research</i> , <b>2002</b> , 62, 3244-50	10.1	105
58	Downregulation of splicing factor SRSF3 induces p53 $\Delta$ an alternatively spliced isoform of p53 that promotes cellular senescence. <i>Oncogene</i> , <b>2013</b> , 32, 2792-8	9.2	99
57	The p53 tumor suppressor network is a key responder to microenvironmental components of chronic inflammatory stress. <i>Cancer Research</i> , <b>2005</b> , 65, 10255-64	10.1	89
56	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. <i>Journal of Thoracic Oncology</i> , <b>2015</b> , 10, 1037-48	8.9	86
55	Regulation of gene expression by the BLM helicase correlates with the presence of G-quadruplex DNA motifs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 9905-10	11.5	83
54	Early overexpression of cyclin D1 protein in mouse skin carcinogenesis. <i>Carcinogenesis</i> , <b>1995</b> , 16, 781-6	4.6	81
53	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. <i>Cell Reports</i> , <b>2017</b> , 20, 2408-2423	10.6	77
52	A flexible reporter system for direct observation and isolation of cancer stem cells. <i>Stem Cell Reports</i> , <b>2015</b> , 4, 155-169	8	75
51	WNT16B is a new marker of cellular senescence that regulates p53 activity and the phosphoinositide 3-kinase/AKT pathway. <i>Cancer Research</i> , <b>2009</b> , 69, 9183-91	10.1	73
50	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , <b>2020</b> , 183, 1436-1456.e31	10.5	71
49	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , <b>2021</b> , 39, 509-528.e20	11.3	71
48	The Werner syndrome RECQ helicase targets G4 DNA in human cells to modulate transcription. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 2060-2069	5.6	65
47	rs4919510 in hsa-mir-608 is associated with outcome but not risk of colorectal cancer. <i>PLoS ONE</i> , <b>2012</b> , 7, e36306	3.7	62
46	Inflammation-mediated genetic and epigenetic alterations drive cancer development in the neighboring epithelium upon stromal abrogation of TGF- $\beta$ signaling. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003251	6	62
45	HSP90 inhibitor, DMAG, synergizes with radiation of lung cancer cells by interfering with base excision and ATM-mediated DNA repair. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 1985-92	6.1	62
44	Apoptotic signaling pathways induced by nitric oxide in human lymphoblastoid cells expressing wild-type or mutant p53. <i>Cancer Research</i> , <b>2004</b> , 64, 3022-9	10.1	62

43	3'-UTR and functional secretor haplotypes in mannose-binding lectin 2 are associated with increased colon cancer risk in African Americans. <i>Cancer Research</i> , <b>2012</b> , 72, 1467-77	10.1	59
42	Expression and clinical significance of genes frequently mutated in small cell lung cancers defined by whole exome/RNA sequencing. <i>Carcinogenesis</i> , <b>2015</b> , 36, 616-21	4.6	57
41	Identification of a functional SNP in the 3'UTR of CXCR2 that is associated with reduced risk of lung cancer. <i>Cancer Research</i> , <b>2015</b> , 75, 566-75	10.1	46
40	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , <b>2020</b> , 183, 1962-1985.e31	56.2	45
39	Drug-induced apoptosis is delayed and reduced in XPD lymphoblastoid cell lines: possible role of TFIIH in p53-mediated apoptotic cell death. <i>Oncogene</i> , <b>1999</b> , 18, 4681-8	9.2	44
38	Combination of protein coding and noncoding gene expression as a robust prognostic classifier in stage I lung adenocarcinoma. <i>Cancer Research</i> , <b>2013</b> , 73, 3821-32	10.1	43
37	Methylation analyses in liquid biopsy. <i>Translational Lung Cancer Research</i> , <b>2016</b> , 5, 492-504	4.4	43
36	Accelerated preclinical testing using transplanted tumors from genetically engineered mouse breast cancer models. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 2168-77	12.9	39
35	Functional interaction of tumor suppressor DLC1 and caveolin-1 in cancer cells. <i>Cancer Research</i> , <b>2012</b> , 72, 4405-16	10.1	38
34	Germline variation in NCF4, an innate immunity gene, is associated with an increased risk of colorectal cancer. <i>International Journal of Cancer</i> , <b>2014</b> , 134, 1399-407	7.5	37
33	Targeted disruption of Ing2 results in defective spermatogenesis and development of soft-tissue sarcomas. <i>PLoS ONE</i> , <b>2010</b> , 5, e15541	3.7	37
32	Clinical Outcomes of TP53 Mutations in Cancers. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2016</b> , 6,	5.4	35
31	Integration of multiple "OMIC" biomarkers: A precision medicine strategy for lung cancer. <i>Lung Cancer</i> , <b>2017</b> , 107, 50-58	5.9	34
30	β33p53 represses p53-inducible senescence genes and enhances the generation of human induced pluripotent stem cells. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1017-1028	12.7	32
29	Schedule-dependent synergy between the heat shock protein 90 inhibitor 17-(dimethylaminoethylamino)-17-demethoxygeldanamycin and doxorubicin restores apoptosis to p53-mutant lymphoma cell lines. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 6547-56	12.9	32
28	Cigarette smoke mediates epigenetic repression of miR-217 during esophageal adenocarcinogenesis. <i>Oncogene</i> , <b>2015</b> , 34, 5548-59	9.2	27
27	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , <b>2021</b> , 184, 5031-5052.e26	56.2	26
26	Positive immunohistochemical staining of p53 and cyclin D in advanced mouse skin tumors, but not in precancerous lesions produced by benzo[a]pyrene. <i>Carcinogenesis</i> , <b>1995</b> , 16, 1629-35	4.6	25

25	Contribution of genetic factors to platinum-based chemotherapy sensitivity and prognosis of non-small cell lung cancer. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2017</b> , 771, 32-58	7	24
24	KRAS-LCS6 genotype as a prognostic marker in early-stage CRC--letter. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 3487-8; author reply 3489	12.9	24
23	Liquid biopsy in early stage lung cancer. <i>Translational Lung Cancer Research</i> , <b>2016</b> , 5, 517-524	4.4	24
22	Proteogenomic Characterization of Ovarian HGSC Implicates Mitotic Kinases, Replication Stress in Observed Chromosomal Instability. <i>Cell Reports Medicine</i> , <b>2020</b> , 1,	18	24
21	Epigenetic predictive biomarkers for response or outcome to platinum-based chemotherapy in non-small cell lung cancer, current state-of-art. <i>Pharmacogenomics Journal</i> , <b>2019</b> , 19, 5-14	3.5	20
20	The expression of four genes as a prognostic classifier for stage I lung adenocarcinoma in 12 independent cohorts. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2014</b> , 23, 2884-94	4	19
19	MDM2 SNP285 does not antagonize the effect of SNP309 in lung cancer. <i>International Journal of Cancer</i> , <b>2012</b> , 131, 2710-6	7.5	19
18	A DRD1 polymorphism predisposes to lung cancer among those exposed to secondhand smoke during childhood. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 1210-8	3.2	18
17	Interleukins as new prognostic genetic biomarkers in non-small cell lung cancer. <i>Surgical Oncology</i> , <b>2017</b> , 26, 278-285	2.5	16
16	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	16
15	A Two-Gene Prognostic Classifier for Early-Stage Lung Squamous Cell Carcinoma in Multiple Large-Scale and Geographically Diverse Cohorts. <i>Journal of Thoracic Oncology</i> , <b>2017</b> , 12, 65-76	8.9	15
14	A novel ING2 isoform, ING2b, synergizes with ING2a to prevent cell cycle arrest and apoptosis. <i>FEBS Letters</i> , <b>2008</b> , 582, 3868-74	3.8	15
13	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , <b>2021</b> , 184, 4348-4371.e40	56.2	15
12	p53: at the crossroads of molecular carcinogenesis and molecular epidemiology. <i>Chest</i> , <b>2004</b> , 125, 83S-53	5.3	14
11	Harnessing genetically engineered mouse models for preclinical testing. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 171, 159-64	5	13
10	Nitric oxide is a signaling molecule that regulates gene expression. <i>Methods in Enzymology</i> , <b>2005</b> , 396, 326-40	1.7	11
9	A Nucleolar Stress-Specific p53-miR-101 Molecular Circuit Functions as an Intrinsic Tumor-Suppressor Network. <i>EBioMedicine</i> , <b>2018</b> , 33, 33-48	8.8	10
8	HOXA9 methylation and blood vessel invasion in FFPE tissues for prognostic stratification of stage I lung adenocarcinoma patients. <i>Lung Cancer</i> , <b>2018</b> , 122, 151-159	5.9	9

7	Inverse association of vitamin D levels with lung cancer mediated by genetic variation. <i>Cancer Medicine</i> , <b>2018</b> , 7, 2764-2775	4.8	8
6	Low frequency of codon 61 Ha-ras mutations and lack of keratin 13 expression in 7,12-dimethylbenz[a]-anthracene-induced hamster skin tumors. <i>Molecular Carcinogenesis</i> , <b>1993</b> , 7, 94-8	5	8
5	KRT81 miR-SNP rs3660 is associated with risk and survival of NSCLC. <i>Annals of Oncology</i> , <b>2016</b> , 27, 360-110.3	10.3	6
4	A primate-specific microRNA enters the lung cancer landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18748-9	11.5	6
3	miRNA signature of mouse helper T cell hyper-proliferation. <i>PLoS ONE</i> , <b>2013</b> , 8, e66709	3.7	5
2	Prenatal smoke exposure, DNA methylation and a link between DRD1 and lung cancer. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 1377-1378	7.8	2
1	Synergy of the Purine-Scaffold HSP90 Inhibitor, PU-H71, with Doxorubicin in Non-Hodgkin's Lymphoma Cell Lines.. <i>Blood</i> , <b>2007</b> , 110, 1399-1399	2.2	2