

# Ana I Robles

## List of Publications by Year in descending order

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81  
papers

9,740  
citations

50276

46  
h-index

54911

84  
g-index

85  
all docs

85  
docs citations

85  
times ranked

14513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	16.8	327
2	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021, 184, 4348-4371.e40.	28.9	170
3	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , 2021, 184, 5031-5052.e26.	28.9	236
4	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , 2020, 183, 1436-1456.e31.	28.9	273
5	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , 2020, 183, 1962-1985.e31.	28.9	177
6	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , 2020, 182, 200-225.e35.	28.9	410
7	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , 2020, 180, 729-748.e26.	28.9	296
8	Proteogenomic Characterization of Ovarian HGSC Implicates Mitotic Kinases, Replication Stress in Observed Chromosomal Instability. <i>Cell Reports Medicine</i> , 2020, 1, 100004.	6.5	46
9	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. <i>ELife</i> , 2020, 9, .	6.0	43
10	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2019, 179, 964-983.e31.	28.9	430
11	Prenatal smoke exposure, DNA methylation and a link between DRD1 and lung cancer. <i>International Journal of Epidemiology</i> , 2019, 48, 1377-1378.	1.9	2
12	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> , 2019, 19, 5-14.	2.0	34
13	Mutant p53 cancers reprogram macrophages to tumor supporting macrophages via exosomal miR-1246. <i>Nature Communications</i> , 2018, 9, 771.	12.8	356
14	HOXA9 methylation and blood vessel invasion in FFPE tissues for prognostic stratification of stage I lung adenocarcinoma patients. <i>Lung Cancer</i> , 2018, 122, 151-159.	2.0	13
15	A Nucleolar Stress-Specific p53-miR-101 Molecular Circuit Functions as an Intrinsic Tumor-Suppressor Network. <i>EBioMedicine</i> , 2018, 33, 33-48.	6.1	14
16	Inverse association of vitamin D <sup>3</sup> levels with lung cancer mediated by genetic variation. <i>Cancer Medicine</i> , 2018, 7, 2764-2775.	2.8	14
17	Interaction between the microbiome and TP53 in human lung cancer. <i>Genome Biology</i> , 2018, 19, 123.	8.8	247
18	Integration of multiple omic-biomarkers: A precision medicine strategy for lung cancer. <i>Lung Cancer</i> , 2017, 107, 50-58.	2.0	45

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19	Seeing the Forest through the Phylogenetic Tree. <i>New England Journal of Medicine</i> , 2017, 376, 2190-2191.	27.0	1
20	miR-133p53 represses p53-inducible senescence genes and enhances the generation of human induced pluripotent stem cells. <i>Cell Death and Differentiation</i> , 2017, 24, 1017-1028.	11.2	49
21	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> , 2017, 771, 32-58.	5.5	30
22	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. <i>Cell Reports</i> , 2017, 20, 2408-2423.	6.4	120
23	Interleukins as new prognostic genetic biomarkers in non-small cell lung cancer. <i>Surgical Oncology</i> , 2017, 26, 278-285.	1.6	20
24	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> , 2017, 12, 65-76.	1.1	26
25	Sputum-based DNA methylation biomarkers to guide lung cancer screening decisions. <i>Journal of Thoracic Disease</i> , 2017, 9, 4308-4310.	1.4	4
26	Liquid biopsy in early stage lung cancer. <i>Translational Lung Cancer Research</i> , 2016, 5, 517-524.	2.8	28
27	Methylation analyses in liquid biopsy. <i>Translational Lung Cancer Research</i> , 2016, 5, 492-504.	2.8	58
28	Gene expression classifier for prognosis of early-stage squamous cell carcinoma of the lung. <i>Journal of Thoracic Oncology</i> , 2016, 11, S38-S39.	1.1	1
29	The Werner syndrome RECQ helicase targets G4 DNA in human cells to modulate transcription. <i>Human Molecular Genetics</i> , 2016, 25, 2060-2069.	2.9	81
30	Clinical Outcomes of TP53 Mutations in Cancers. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026294.	6.2	49
31	KRT81 miR-SNP rs3660 is associated with risk and survival of NSCLC. <i>Annals of Oncology</i> , 2016, 27, 360-361.	1.2	8
32	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1037-1048.	1.1	103
33	A Flexible Reporter System for Direct Observation and Isolation of Cancer Stem Cells. <i>Stem Cell Reports</i> , 2015, 4, 155-169.	4.8	110
34	Identification of a Functional SNP in the 3'UTR of CXCR2 That Is Associated with Reduced Risk of Lung Cancer. <i>Cancer Research</i> , 2015, 75, 566-575.	0.9	53
35	Cigarette smoke mediates epigenetic repression of miR-217 during esophageal adenocarcinogenesis. <i>Oncogene</i> , 2015, 34, 5548-5559.	5.9	32
36	Expression and clinical significance of genes frequently mutated in small cell lung cancers defined by whole exome/RNA sequencing. <i>Carcinogenesis</i> , 2015, 36, 616-621.	2.8	73

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37	Germline variation in <i>NCF4</i> , an innate immunity gene, is associated with an increased risk of colorectal cancer. <i>International Journal of Cancer</i> , 2014, 134, 1399-1407.	5.1	70
38	A <i>DRD1</i> Polymorphism Predisposes to Lung Cancer among Those Exposed to Secondhand Smoke during Childhood. <i>Cancer Prevention Research</i> , 2014, 7, 1210-1218.	1.5	25
39	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> , 2014, 111, 9905-9910.	7.1	108
40	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> , 2014, 23, 2884-2894.	2.5	24
41	Downregulation of splicing factor SRSF3 induces p53 <sup>Δ2</sup> , an alternatively spliced isoform of p53 that promotes cellular senescence. <i>Oncogene</i> , 2013, 32, 2792-2798.	5.9	127
42	Inflammation-Mediated Genetic and Epigenetic Alterations Drive Cancer Development in the Neighboring Epithelium upon Stromal Abrogation of TGF- $\beta$ Signaling. <i>PLoS Genetics</i> , 2013, 9, e1003251.	3.5	69
43	Combination of Protein Coding and Noncoding Gene Expression as a Robust Prognostic Classifier in Stage I Lung Adenocarcinoma. <i>Cancer Research</i> , 2013, 73, 3821-3832.	0.9	52
44	A primate-specific microRNA enters the lung cancer landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18748-18749.	7.1	6
45	miRNA Signature of Mouse Helper T Cell Hyper-Proliferation. <i>PLoS ONE</i> , 2013, 8, e66709.	2.5	8
46	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> , 2012, 72, 1467-1477.	0.9	68
47	Functional Interaction of Tumor Suppressor DLC1 and Caveolin-1 in Cancer Cells. <i>Cancer Research</i> , 2012, 72, 4405-4416.	0.9	42
48	KRAS-LCS6 Genotype as a Prognostic Marker in Early-Stage CRC—Letter. <i>Clinical Cancer Research</i> , 2012, 18, 3487-3488.	7.0	27
49	rs4919510 in hsa-mir-608 Is Associated with Outcome but Not Risk of Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e36306.	2.5	85
50	MDM2 SNP285 does not antagonize the effect of SNP309 in lung cancer. <i>International Journal of Cancer</i> , 2012, 131, 2710-2716.	5.1	20
51	Genetic variation in microRNA networks: the implications for cancer research. <i>Nature Reviews Cancer</i> , 2010, 10, 389-402.	28.4	1,184
52	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> , 2010, 107, 2195-2200.	7.1	122
53	Clinical Outcomes and Correlates of TP53 Mutations and Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a001016-a001016.	5.5	237
54	Targeted Disruption of <i>Ing2</i> Results in Defective Spermatogenesis and Development of Soft-Tissue Sarcomas. <i>PLoS ONE</i> , 2010, 5, e15541.	2.5	43

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55	WNT16B Is a New Marker of Cellular Senescence That Regulates p53 Activity and the Phosphoinositide 3-Kinase/AKT Pathway. <i>Cancer Research</i> , 2009, 69, 9183-9191.	0.9	91
56	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> , 2009, 106, 8368-8373.	7.1	286
57	A purine scaffold Hsp90 inhibitor destabilizes BCL-6 and has specific antitumor activity in BCL-6-dependent B cell lymphomas. <i>Nature Medicine</i> , 2009, 15, 1369-1376.	30.7	149
58	A novel ING2 isoform, ING2b, synergizes with ING2a to prevent cell cycle arrest and apoptosis. <i>FEBS Letters</i> , 2008, 582, 3868-3874.	2.8	19
59	Harnessing genetically engineered mouse models for preclinical testing. <i>Chemico-Biological Interactions</i> , 2008, 171, 159-164.	4.0	15
60	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> , 2008, 7, 1985-1992.	4.1	70
61	Accelerated Preclinical Testing Using Transplanted Tumors from Genetically Engineered Mouse Breast Cancer Models. <i>Clinical Cancer Research</i> , 2007, 13, 2168-2177.	7.0	44
62	Novel Indenoisoquinolines NSC 725776 and NSC 724998 Produce Persistent Topoisomerase I Cleavage Complexes and Overcome Multidrug Resistance. <i>Cancer Research</i> , 2007, 67, 10397-10405.	0.9	118
63	Synergy of the Purine-Scaffold HSP90 Inhibitor, PU-H71, with Doxorubicin in Non-Hodgkin's Lymphoma Cell Lines. <i>Blood</i> , 2007, 110, 1399-1399.	1.4	2
64	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> , 2006, 12, 6547-6556.	7.0	35
65	The p53 Tumor Suppressor Network Is a Key Responder to Microenvironmental Components of Chronic Inflammatory Stress. <i>Cancer Research</i> , 2005, 65, 10255-10264.	0.9	93
66	Nitric Oxide Is a Signaling Molecule that Regulates Gene Expression. <i>Methods in Enzymology</i> , 2005, 396, 326-340.	1.0	14
67	Functional interaction between BLM helicase and 53BP1 in a Chk1-mediated pathway during S-phase arrest. <i>Journal of Cell Biology</i> , 2004, 166, 801-813.	5.2	118
68	p53-Induced Up-Regulation of MnSOD and GPx but not Catalase Increases Oxidative Stress and Apoptosis. <i>Cancer Research</i> , 2004, 64, 2350-2356.	0.9	326
69	Apoptotic Signaling Pathways Induced by Nitric Oxide in Human Lymphoblastoid Cells Expressing Wild-Type or Mutant p53. <i>Cancer Research</i> , 2004, 64, 3022-3029.	0.9	64
70	p53. <i>Chest</i> , 2004, 125, 83S-85S.	0.8	16
71	Predicting hepatitis B virus-positive metastatic hepatocellular carcinomas using gene expression profiling and supervised machine learning. <i>Nature Medicine</i> , 2003, 9, 416-423.	30.7	805
72	The p53 network in lung carcinogenesis. <i>Oncogene</i> , 2002, 21, 6898-6907.	5.9	130

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73	Laser capture microdissection and microarray expression analysis of lung adenocarcinoma reveals tobacco smoking- and prognosis-related molecular profiles. <i>Cancer Research</i> , 2002, 62, 3244-50.	0.9	123
74	Functional Interaction of p53 and BLM DNA Helicase in Apoptosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 32948-32955.	3.4	129
75	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> , 1999, 18, 4681-4688.	5.9	48
76	p53-Mediated apoptosis is attenuated in Werner syndrome cells. <i>Genes and Development</i> , 1999, 13, 1355-1360.	5.9	161
77	Reduced skin tumor development in cyclin D1-deficient mice highlights the oncogenic ras pathway in vivo. <i>Genes and Development</i> , 1998, 12, 2469-2474.	5.9	202
78	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> , 1996, 93, 7634-7638.	7.1	155
79	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> , 1995, 16, 1629-1635.	2.8	28
80	Early overexpression of cyclin D1 protein in mouse skin carcinogenesis. <i>Carcinogenesis</i> , 1995, 16, 781-786.	2.8	87
81	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> , 1993, 7, 94-98.	2.7	9