

Diego Arango

List of Publications by Year in descending order

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97
papers

6,033
citations

81900

39
h-index

71685

76
g-index

100
all docs

100
docs citations

100
times ranked

10262
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Deacetylase 3 (HDAC3) and Other Class I HDACs Regulate Colon Cell Maturation and p21 Expression and Are Deregulated in Human Colon Cancer. <i>Journal of Biological Chemistry</i> , 2006, 281, 13548-13558.	3.4	486
2	PIK3CA Mutation/PTEN Expression Status Predicts Response of Colon Cancer Cells to the Epidermal Growth Factor Receptor Inhibitor Cetuximab. <i>Cancer Research</i> , 2008, 68, 1953-1961.	0.9	435
3	Metastasis-Associated Gene Expression Changes Predict Poor Outcomes in Patients with Dukes Stage B and C Colorectal Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 7642-7651.	7.0	395
4	Colorectal Cancer Cell Lines Are Representative Models of the Main Molecular Subtypes of Primary Cancer. <i>Cancer Research</i> , 2014, 74, 3238-3247.	0.9	317
5	A truncating mutation of HDAC2 in human cancers confers resistance to histone deacetylase inhibition. <i>Nature Genetics</i> , 2006, 38, 566-569.	21.4	254
6	Molecular mechanisms of action and prediction of response to oxaliplatin in colorectal cancer cells. <i>British Journal of Cancer</i> , 2004, 91, 1931-1946.	6.4	212
7	HDAC4 Promotes Growth of Colon Cancer Cells via Repression of p21. <i>Molecular Biology of the Cell</i> , 2008, 19, 4062-4075.	2.1	188
8	SMAD4 as a Prognostic Marker in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 2606-2611.	7.0	172
9	Gene expression profiling of intestinal epithelial cell maturation along the crypt-villus axis. <i>Gastroenterology</i> , 2005, 128, 1081-1088.	1.3	171
10	Gene expression profiling-based prediction of response of colon carcinoma cells to 5-fluorouracil and camptothecin. <i>Cancer Research</i> , 2003, 63, 8791-812.	0.9	154
11	Serrated carcinomas form a subclass of colorectal cancer with distinct molecular basis. <i>Oncogene</i> , 2007, 26, 312-320.	5.9	136
12	Distinct patterns of KRAS mutations in colorectal carcinomas according to germline mismatch repair defects and hMLH1 methylation status. <i>Human Molecular Genetics</i> , 2004, 13, 2303-2311.	2.9	127
13	Gene-Expression Profiling Predicts Recurrence in Dukesâ€™ C Colorectal Cancer. <i>Gastroenterology</i> , 2005, 129, 874-884.	1.3	119
14	Candidate driver genes in microsatelliteâ€‘unstable colorectal cancer. <i>International Journal of Cancer</i> , 2012, 130, 1558-1566.	5.1	99
15	Na ⁺ /monocarboxylate transport (SMCT) protein expression correlates with survival in colon cancer: Molecular characterization of SMCT. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7270-7275.	7.1	98
16	Apoptotic Sensitivity of Colon Cancer Cells to Histone Deacetylase Inhibitors Is Mediated by an Sp1/Sp3-Activated Transcriptional Program Involving Immediate-Early Gene Induction. <i>Cancer Research</i> , 2010, 70, 609-620.	0.9	98
17	RHOA inactivation enhances Wnt signalling and promotes colorectal cancer. <i>Nature Communications</i> , 2014, 5, 5458.	12.8	95
18	A gene expression profile that defines colon cell maturation in vitro. <i>Cancer Research</i> , 2002, 62, 4791-804.	0.9	93

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19	SMAD4 Levels and Response to 5-Fluorouracil in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 6311-6316.	7.0	89
20	TR3/Nur77 in colon cancer cell apoptosis. <i>Cancer Research</i> , 2003, 63, 5401-7.	0.9	89
21	Mechanisms of Inactivation of the Receptor Tyrosine Kinase EPHB2 in Colorectal Tumors. <i>Cancer Research</i> , 2005, 65, 10170-10173.	0.9	84
22	EPHB4 and Survival of Colorectal Cancer Patients. <i>Cancer Research</i> , 2006, 66, 8943-8948.	0.9	80
23	Unregulated smooth-muscle myosin in human intestinal neoplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5513-5518.	7.1	77
24	Mutations in the Circadian Gene <i>CLOCK</i> in Colorectal Cancer. <i>Molecular Cancer Research</i> , 2010, 8, 952-960.	3.4	77
25	Expression of selenium-binding protein 1 characterizes intestinal cell maturation and predicts survival for patients with colorectal cancer. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1289-1299.	3.3	75
26	c-Myc overexpression sensitises colon cancer cells to camptothecin-induced apoptosis. <i>British Journal of Cancer</i> , 2003, 89, 1757-1765.	6.4	71
27	Dual Targeting of Bromodomain and Extraterminal Domain Proteins, and WNT or MAPK Signaling, Inhibits c-MYC Expression and Proliferation of Colorectal Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1217-1226.	4.1	71
28	Gene expression signatures for colorectal cancer microsatellite status and HNPCC. <i>British Journal of Cancer</i> , 2005, 92, 2240-2248.	6.4	70
29	Fluorescent CSC models evidence that targeted nanomedicines improve treatment sensitivity of breast and colon cancer stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1883-1892.	3.3	69
30	Distinct expression profile in fumarate-hydratase-deficient uterine fibroids. <i>Human Molecular Genetics</i> , 2006, 15, 97-103.	2.9	67
31	Oncogenic Ki-Ras Inhibits the Expression of Interferon-responsive Genes through Inhibition of STAT1 and STAT2 Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 46278-46287.	3.4	61
32	Brush border Myosin Ia has tumor suppressor activity in the intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1530-1535.	7.1	60
33	The Receptor Tyrosine Kinase EPHB4 Has Tumor Suppressor Activities in Intestinal Tumorigenesis. <i>Cancer Research</i> , 2009, 69, 7430-7438.	0.9	58
34	The Intestinal Epithelial Cell Differentiation Marker Intestinal Alkaline Phosphatase (ALPi) Is Selectively Induced by Histone Deacetylase Inhibitors (HDACi) in Colon Cancer Cells in a Kruppel-like Factor 5 (KLF5)-dependent Manner. <i>Journal of Biological Chemistry</i> , 2014, 289, 25306-25316.	3.4	53
35	Myo5b knockout mice as a model of microvillus inclusion disease. <i>Scientific Reports</i> , 2015, 5, 12312.	3.3	52
36	Nanotechnology is an important strategy for combinational innovative chemo-immunotherapies against colorectal cancer. <i>Journal of Controlled Release</i> , 2019, 307, 108-138.	9.9	49

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37	Novel detection and differential utilization of a c-myc transcriptional block in colon cancer chemoprevention. <i>Cancer Research</i> , 2002, 62, 6006-10.	0.9	47
38	Zileuton, loaded in polymer micelles effectively reduce breast cancer circulating tumor cells and intratumoral cancer stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102106.	3.3	44
39	PVT1 Long Non-coding RNA in Gastrointestinal Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 38.	2.8	43
40	Human SMC2 Protein, a Core Subunit of Human Condensin Complex, Is a Novel Transcriptional Target of the WNT Signaling Pathway and a New Therapeutic Target. <i>Journal of Biological Chemistry</i> , 2012, 287, 43472-43481.	3.4	39
41	High EPHB2 mutation rate in gastric but not endometrial tumors with microsatellite instability. <i>Oncogene</i> , 2007, 26, 308-311.	5.9	38
42	EPH receptors in cancer. <i>Histology and Histopathology</i> , 2008, 23, 1011-23.	0.7	37
43	Aprataxin Tumor Levels Predict Response of Colorectal Cancer Patients to Irinotecan-based Treatment. <i>Clinical Cancer Research</i> , 2010, 16, 2375-2382.	7.0	35
44	Polymeric micelles targeted against CD44v6 receptor increase niclosamide efficacy against colorectal cancer stem cells and reduce circulating tumor cells in vivo. <i>Journal of Controlled Release</i> , 2021, 331, 198-212.	9.9	35
45	An A13 Repeat within the 3'-Untranslated Region of Epidermal Growth Factor Receptor (EGFR) Is Frequently Mutated in Microsatellite Instability Colon Cancers and Is Associated with Increased EGFR Expression. <i>Cancer Research</i> , 2009, 69, 7811-7818.	0.9	34
46	7q deletion mapping and expression profiling in uterine fibroids. <i>Oncogene</i> , 2005, 24, 6545-6554.	5.9	33
47	Transforming pathways unleashed by a HDAC2 mutation in human cancer. <i>Oncogene</i> , 2008, 27, 4008-4012.	5.9	33
48	AKT2 siRNA delivery with amphiphilic-based polymeric micelles show efficacy against cancer stem cells. <i>Drug Delivery</i> , 2018, 25, 961-972.	5.7	32
49	Pivotal Role of AKT2 during Dynamic Phenotypic Change of Breast Cancer Stem Cells. <i>Cancers</i> , 2019, 11, 1058.	3.7	32
50	A Molecular Mechanism Underlying Genotype-Specific Intrahepatic Cholestasis Resulting From MYO5B Mutations. <i>Hepatology</i> , 2020, 72, 213-229.	7.3	30
51	Villin Expression Is Frequently Lost in Poorly Differentiated Colon Cancer. <i>American Journal of Pathology</i> , 2012, 180, 1509-1521.	3.8	28
52	Cancer stem cells and personalized cancer nanomedicine. <i>Nanomedicine</i> , 2016, 11, 307-320.	3.3	27
53	Efficient EGFR mediated siRNA delivery to breast cancer cells by Cetuximab functionalized Pluronic® F127/Gelatin. <i>Chemical Engineering Journal</i> , 2018, 340, 81-93.	12.7	26
54	Tumour selection advantage of non-dominant negative P53 mutations in homozygotic MDM2-SNP309 colorectal cancer cells. <i>Journal of Medical Genetics</i> , 2006, 44, 75-80.	3.2	25

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55	Highly Expressed Genes in Rapidly Proliferating Tumor Cells as New Targets for Colorectal Cancer Treatment. <i>Clinical Cancer Research</i> , 2015, 21, 3695-3704.	7.0	25
56	Loss of the EPH receptor B6 contributes to colorectal cancer metastasis. <i>Scientific Reports</i> , 2017, 7, 43702.	3.3	25
57	Mechanisms of inactivation of the tumour suppressor gene RHOA in colorectal cancer. <i>British Journal of Cancer</i> , 2018, 118, 106-116.	6.4	24
58	Gefitinib and Afatinib Show Potential Efficacy for Fanconi Anemia-Related Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 3044-3057.	7.0	23
59	Decrease in c-Myc activity enhances cancer cell sensitivity to vinblastine. <i>Anti-Cancer Drugs</i> , 2006, 17, 181-187.	1.4	21
60	Brush border myosin Ia inactivation in gastric but not endometrial tumors. <i>International Journal of Cancer</i> , 2013, 132, 1790-1799.	5.1	21
61	Diagnostic ultrasound induces change within numbers of cryptal mitotic and apoptotic cells in small intestine. <i>Life Sciences</i> , 2001, 68, 1471-1475.	4.3	20
62	Tumor Expression of Cyclin-Dependent Kinase 5 (Cdk5) Is a Prognostic Biomarker and Predicts Outcome of Oxaliplatin-Treated Metastatic Colorectal Cancer Patients. <i>Cancers</i> , 2019, 11, 1540.	3.7	19
63	Microarray analysis in the clinical management of cancer. <i>Hematology/Oncology Clinics of North America</i> , 2003, 17, 377-387.	2.2	18
64	Dynamism, Sensitivity, and Consequences of Mesenchymal and Stem-Like Phenotype of Cancer Cells. <i>Stem Cells International</i> , 2018, 2018, 1-12.	2.5	17
65	Mutations in Two Short Noncoding Mononucleotide Repeats in Most Microsatellite-Unstable Colorectal Cancers. <i>Cancer Research</i> , 2005, 65, 4607-4613.	0.9	16
66	Intracellular Delivery of Anti-SMC2 Antibodies against Cancer Stem Cells. <i>Pharmaceutics</i> , 2020, 12, 185.	4.5	16
67	Customizing chemotherapy for colon cancer: the potential of gene expression profiling. <i>Drug Resistance Updates</i> , 2004, 7, 209-218.	14.4	15
68	Germline hypermethylation of the <i>APC</i> promoter is not a frequent cause of familial adenomatous polyposis in <i>APC/MUTYH</i> mutation negative families. <i>International Journal of Cancer</i> , 2008, 122, 1422-1425.	5.1	15
69	Application of Gene Expression Profiling to Colon Cell Maturation, Transformation and Chemoprevention. <i>Journal of Nutrition</i> , 2003, 133, 2410S-2416S.	2.9	14
70	<i>PTPRD</i> is Homozygously Deleted and Epigenetically Downregulated in Human Hepatocellular Carcinomas. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 220-229.	2.0	14
71	BB-10010, an analog of macrophage inflammatory protein-1 α , protects murine small intestine against radiation. <i>Digestive Diseases and Sciences</i> , 2001, 46, 2608-2614.	2.3	13
72	Tumor necrosis factor- α related gene response to Epothilone B in ovarian cancer. <i>Gynecologic Oncology</i> , 2004, 93, 19-26.	1.4	12

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73	Silencing of adaptor protein SH-3BP2 reduces KLT / PDGFRA receptors expression and impairs gastrointestinal stromal tumors growth. <i>Molecular Oncology</i> , 2018, 12, 1383-1397.	4.6	12
74	DUSP5 is methylated in CIMP-high colorectal cancer but is not a major regulator of intestinal cell proliferation and tumorigenesis. <i>Scientific Reports</i> , 2018, 8, 1767.	3.3	11
75	Glucocorticoids and myosin5b loss of function induce heightened PKA signaling in addition to membrane traffic defects. <i>Molecular Biology of the Cell</i> , 2019, 30, 3076-3089.	2.1	11
76	Loss of MYO5B expression deregulates late endosome size which hinders mitotic spindle orientation. <i>PLoS Biology</i> , 2019, 17, e3000531.	5.6	10
77	Investigation of the role of tyrosine kinase receptor EPHA3 in colorectal cancer. <i>Scientific Reports</i> , 2017, 7, 41576.	3.3	9
78	BB-10010, an Analogue of Macrophage Inflammatory Protein-1 Alpha, Reduces Proliferation in Murine Small-Intestinal Crypts. <i>Scandinavian Journal of Gastroenterology</i> , 1999, 34, 68-72.	1.5	8
79	Modeling tumor predisposing FH mutations in yeast: Effects on fumarase activity, growth phenotype and gene expression profile. <i>International Journal of Cancer</i> , 2006, 118, 1340-1345.	5.1	7
80	Rational Design of a siRNA Delivery System: ALOX5 and Cancer Stem Cells as Therapeutic Targets. <i>Precision Nanomedicine</i> , 2018, 1, 86-105.	0.8	6
81	Epithelial de-differentiation triggered by co-ordinate epigenetic inactivation of the EHF and CDX1 transcription factors drives colorectal cancer progression. <i>Cell Death and Differentiation</i> , 2022, 29, 2288-2302.	11.2	6
82	Identification of ZBTB18 as a novel colorectal tumor suppressor gene through genome-wide promoter hypermethylation analysis. <i>Clinical Epigenetics</i> , 2021, 13, 88.	4.1	5
83	Correction: Prediction of Response to Cetuximab. <i>Cancer Research</i> , 2008, 68, 6859-6859.	0.9	4
84	Clinical Response to Fluorouracil and p53. <i>New England Journal of Medicine</i> , 2001, 345, 1065-1066.	27.0	3
85	Colorectal cancer inhibition by BET inhibitor JQ1 is MYC-independent and not improved by nanoencapsulation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 171, 39-49.	4.3	3
86	Dose-effect relationship of BB-10010/MIP-1 alpha on proliferation in murine small intestinal epithelium: single and double administration protocols. <i>Digestive Diseases and Sciences</i> , 2000, 45, 2306-2312.	2.3	2
87	Dickkopf-1 Inhibition Reactivates Wnt/ β -Catenin Signaling in Rhabdomyosarcoma, Induces Myogenic Markers In Vitro and Impairs Tumor Cell Survival In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12921.	4.1	2
88	Cell-cycle perturbations following low-dose x-rays. <i>Radiography</i> , 1999, 5, 111-115.	2.1	0
89	Reply to the Letter to the Editor by Watanabe et al.. <i>Clinical Cancer Research</i> , 2006, 12, 1654.1-1655.	7.0	0
90	Correction: An A13 Repeat within the 3'-Untranslated Region of Epidermal Growth Factor Receptor (EGFR) Is Frequently Mutated in Microsatellite Instability Colon Cancers and Is Associated with Increased EGFR Expression. <i>Cancer Research</i> , 2010, 70, 1275-1275.	0.9	0

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91	Abstract 4921: Selective promoter methylation of the cell differentiation marker, intestinal alkaline phosphatase (iALP), in microsatellite unstable colon cancer. , 2010, , .		0
92	Eph Receptors. , 2011, , 1268-1269.		0
93	Abstract 4316: Villin expression is frequently lost in colon cancers with microsatellite instability.. , 2012, , .		0
94	Abstract 5172: Whole exome mutation landscape of 70 commonly used colorectal cancer cell lines. , 2014, , .		0
95	Eph Receptors. , 2015, , 1549-1551.		0
96	Abstract 2058: RHOA inactivation enhances Wnt signaling and promotes colorectal cancer. , 2015, , .		0
97	Abstract 840: Identification of novel colorectal tumor suppressor genes through genome-wide promoter hypermethylation analysis. , 2019, , .		0