Cristian Coarfa

List of Publications by Year
in descending order

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252 papers	18,448 citations	25014 57 h-index	17580 121 g-index
270 all docs	270 docs citations	270 times ranked	38147 citing authors

#	Article	IF	Citations
1	Integrative analysis of 111 reference human epigenomes. Nature, 2015, 518, 317-330.	13.7	5,653
2	The Somatic Genomic Landscape of Chromophobe Renal Cell Carcinoma. Cancer Cell, 2014, 26, 319-330.	7.7	665
3	Comparison of sequencing-based methods to profile DNA methylation and identification of monoallelic epigenetic modifications. Nature Biotechnology, 2010, 28, 1097-1105.	9.4	647
4	A Metagenomic Approach to Characterization of the Vaginal Microbiome Signature in Pregnancy. PLoS ONE, 2012, 7, e36466.	1.1	572
5	Circadian Homeostasis of Liver Metabolism Suppresses Hepatocarcinogenesis. Cancer Cell, 2016, 30, 909-924.	7.7	360
6	Oncogenic lncRNA downregulates cancer cell antigen presentation and intrinsic tumor suppression. Nature Immunology, 2019, 20, 835-851.	7.0	277
7	An integrative variant analysis suite for whole exome next-generation sequencing data. BMC Bioinformatics, 2012, 13, 8.	1.2	252
8	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Reports, 2018, 23, 194-212.e6.	2.9	245
9	Fatty Acid Oxidation-Driven Src Links Mitochondrial Energy Reprogramming and Oncogenic Properties in Triple-Negative Breast Cancer. Cell Reports, 2016, 14, 2154-2165.	2.9	232
10	Proinflammatory Role for let-7 MicroRNAS in Experimental Asthma. Journal of Biological Chemistry, 2010, 285, 30139-30149.	1.6	222
11	Prostate cancer-associated mutations in speckle-type POZ protein (SPOP) regulate steroid receptor coactivator 3 protein turnover. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6997-7002.	3.3	210
12	ReadDepth: A Parallel R Package for Detecting Copy Number Alterations from Short Sequencing Reads. PLoS ONE, 2011, 6, e16327.	1.1	193
13	The Repertoire and Features of Human Platelet microRNAs. PLoS ONE, 2012, 7, e50746.	1.1	189
14	A SNP discovery method to assess variant allele probability from next-generation resequencing data. Genome Research, 2010, 20, 273-280.	2.4	168
15	Metabolic enzyme PFKFB4 activates transcriptional coactivator SRC-3 to drive breast cancer. Nature, 2018, 556, 249-254.	13.7	164
16	An epigenomic approach to therapy for tamoxifen-resistant breast cancer. Cell Research, 2014, 24, 809-819.	5.7	155
17	GASZ Is Essential for Male Meiosis and Suppression of Retrotransposon Expression in the Male Germline. PLoS Genetics, 2009, 5, e1000635.	1.5	151
18	Independent genomewide screens identify the tumor suppressor VTRNA2-1 as a human epiallele responsive to periconceptional environment. Genome Biology, 2015, 16, 118.	13.9	149

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19	Androgen Receptor Is the Key Transcriptional Mediator of the Tumor Suppressor SPOP in Prostate Cancer. Cancer Research, 2014, 74, 5631-5643.	0.4	146
20	PAPD5-mediated 3â€² adenylation and subsequent degradation of miR-21 is disrupted in proliferative disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11467-11472.	3.3	130
21	Bempegaldesleukin selectively depletes intratumoral Tregs and potentiates T cell-mediated cancer therapy. Nature Communications, 2020, 11, 661.	5.8	124
22	Cross-species identification of genomic drivers of squamous cell carcinoma development across preneoplastic intermediates. Nature Communications, 2016, 7, 12601.	5.8	123
23	Critical Role of Cytosolic DNA and Its Sensing Adaptor STING in Aortic Degeneration, Dissection, and Rupture. Circulation, 2020, 141, 42-66.	1.6	123
24	MicroRNA transcriptome in the newborn mouse ovaries determined by massive parallel sequencing. Molecular Human Reproduction, 2010, 16, 463-471.	1.3	122
25	IAPP-driven metabolic reprogramming induces regression of p53-deficient tumours in vivo. Nature, 2015, 517, 626-630.	13.7	117
26	GATA2 facilitates steroid receptor coactivator recruitment to the androgen receptor complex. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18261-18266.	3.3	114
27	A sequence-level map of chromosomal breakpoints in the MCF-7 breast cancer cell line yields insights into the evolution of a cancer genome. Genome Research, 2009, 19, 167-177.	2.4	111
28	Mitochondrial pyruvate import is a metabolic vulnerability in androgen receptor-driven prostate cancer. Nature Metabolism, 2019, 1, 70-85.	5.1	110
29	Generation of an inÂvitro 3D PDAC stroma rich spheroid model. Biomaterials, 2016, 108, 129-142.	5.7	105
30	Identification of a pan-cancer oncogenic microRNA superfamily anchored by a central core seed motif. Nature Communications, 2013, 4, 2730.	5.8	104
31	The camKK2/camKIV relay is an essential regulator of hepatic cancer. Hepatology, 2015, 62, 505-520.	3.6	99
32	DNA Damage Response/TP53 Pathway Is Activated and Contributes to the Pathogenesis of Dilated Cardiomyopathy Associated With LMNA (Lamin A/C) Mutations. Circulation Research, 2019, 124, 856-873.	2.0	95
33	Synergistic activity of BET protein antagonist-based combinations in mantle cell lymphoma cells sensitive or resistant to ibrutinib. Blood, 2015, 126, 1565-1574.	0.6	92
34	Intermediate DNA methylation is a conserved signature of genome regulation. Nature Communications, 2015, 6, 6363.	5.8	91
35	APOBEC mutation drives early-onset squamous cell carcinomas in recessive dystrophic epidermolysis bullosa. Science Translational Medicine, 2018, 10, .	5.8	91
36	Analysis of MicroRNA Expression in the Prepubertal Testis. PLoS ONE, 2010, 5, e15317.	1.1	91

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37	Epigenetic supersimilarity of monozygotic twin pairs. Genome Biology, 2018, 19, 2.	3.8	89
38	Transcriptional regulation of core autophagy and lysosomal genes by the androgen receptor promotes prostate cancer progression. Autophagy, 2017, 13, 506-521.	4.3	88
39	Allele-specific epigenome maps reveal sequence-dependent stochastic switching at regulatory loci. Science, 2018, 361, .	6.0	87
40	The transcription factor POU3F2 regulates a gene coexpression network in brain tissue from patients with psychiatric disorders. Science Translational Medicine, 2018, 10, .	5.8	81
41	CRISPR/Cas9-mediated genome editing reveals 30 testis-enriched genes dispensable for male fertility in miceâ€. Biology of Reproduction, 2019, 101, 501-511.	1.2	81
42	Multi-omics Integration Analysis Robustly Predicts High-Grade Patient Survival and Identifies CPT1B Effect on Fatty Acid Metabolism in Bladder Cancer. Clinical Cancer Research, 2019, 25, 3689-3701.	3.2	81
43	Genomic Hypomethylation in the Human Germline Associates with Selective Structural Mutability in the Human Genome. PLoS Genetics, 2012, 8, e1002692.	1.5	80
44	The NIEHS TaRGET II Consortium and environmental epigenomics. Nature Biotechnology, 2018, 36, 225-227.	9.4	79
45	Mammary Stem Cells and Tumor-Initiating Cells Are More Resistant to Apoptosis and Exhibit Increased DNA Repair Activity in Response to DNA Damage. Stem Cell Reports, 2015, 5, 378-391.	2.3	78
46	Coactivator SRC-2â€“dependent metabolic reprogramming mediates prostate cancer survival and metastasis. Journal of Clinical Investigation, 2015, 125, 1174-1188.	3.9	78
47	Epigenomic footprints across 111 reference epigenomes reveal tissue-specific epigenetic regulation of lincRNAs. Nature Communications, 2015, 6, 6370.	5.8	77
48	BET protein bromodomain inhibitor-based combinations are highly active against post-myeloproliferative neoplasm secondary AML cells. Leukemia, 2017, 31, 678-687.	3.3	77
49	RUNX1-targeted therapy for AML expressing somatic or germline mutation in RUNX1. Blood, 2019, 134, 59-73.	0.6	75
50	Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. Cancer Cell, 2020, 37, 720-734.e13.	7.7	74
51	Characterization of the COPD alveolar niche using single-cell RNA sequencing. Nature Communications, 2022, 13, 494.	5.8	74
52	Differential regulation of metabolic pathways by androgen receptor (AR) and its constitutively active splice variant, AR-V7, in prostate cancer cells. Oncotarget, 2015, 6, 31997-32012.	0.8	73
53	Genomic Reorganization of Lamin-Associated Domains in Cardiac Myocytes Is Associated With Differential Gene Expression and DNA Methylation in Human Dilated Cardiomyopathy. Circulation Research, 2019, 124, 1198-1213.	2.0	72
54	A Genome-Wide Search for Promoters That Respond to Increased MYCN Reveals Both New Oncogenic and Tumor Suppressor MicroRNAs Associated with Aggressive Neuroblastoma. Cancer Research, 2011, 71, 3841-3851.	0.4	70

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55	A genomic atlas of systemic interindividual epigenetic variation in humans. Genome Biology, 2019, 20, 105.	3.8	70
56	Bacteria-to-Human Protein Networks Reveal Origins of Endogenous DNA Damage. Cell, 2019, 176, 127-143.e24.	13.5	69
57	siRNAs from an X-linked satellite repeat promote X-chromosome recognition in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16460-16465.	3.3	68
58	Comparison and quantitative verification of mapping algorithms for whole-genome bisulfite sequencing. Nucleic Acids Research, 2014, 42, e43-e43.	6.5	68
59	Reprogramming of the Epigenome by MLL1 Links Early-Life Environmental Exposures to Prostate Cancer Risk. Molecular Endocrinology, 2016, 30, 856-871.	3.7	68
60	Glutamine Transporters Are Targets of Multiple Oncogenic Signaling Pathways in Prostate Cancer. Molecular Cancer Research, 2017, 15, 1017-1028.	1.5	64
61	Concerted type I interferon signaling in microglia and neural cells promotes memory impairment associated with amyloid Î² plaques. Immunity, 2022, 55, 879-894.e6.	6.6	64
62	Human norovirus exhibits strain-specific sensitivity to host interferon pathways in human intestinal enteroids. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23782-23793.	3.3	63
63	Induced multipotency in adult keratinocytes through down-regulation of Î”Np63 or DGCR8. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E572-81.	3.3	61
64	MRG15 is required for pre-mRNA splicing and spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5408-15.	3.3	60
65	miR-30a Remodels Subcutaneous Adipose Tissue Inflammation to Improve Insulin Sensitivity in Obesity. Diabetes, 2018, 67, 2541-2553.	0.3	60
66	Maternal exercise during pregnancy promotes physical activity in adult offspring. FASEB Journal, 2016, 30, 2541-2548.	0.2	59
67	Expression of Long Noncoding RNA YIYA Promotes Glycolysis in Breast Cancer. Cancer Research, 2018, 78, 4524-4532.	0.4	59
68	Superior efficacy of cotreatment with BET protein inhibitor and BCL2 or MCL1 inhibitor against AML blast progenitor cells. Blood Cancer Journal, 2019, 9, 4.	2.8	57
69	Single-Molecule Sequencing Reveals Estrogen-Regulated Clinically Relevant lncRNAs in Breast Cancer. Molecular Endocrinology, 2015, 29, 1634-1645.	3.7	56
70	G-CSF Receptor Positive Neuroblastoma Subpopulations Are Enriched in Chemotherapy-Resistant or Relapsed Tumors and Are Highly Tumorigenic. Cancer Research, 2013, 73, 4134-4146.	0.4	55
71	Upregulation of EGFR signaling is correlated with tumor stroma remodeling and tumor recurrence in FGFR1-driven breast cancer. Breast Cancer Research, 2015, 17, 141.	2.2	55
72	Suppression of Activated FOXO Transcription Factors in the Heart Prolongs Survival in a Mouse Model of Laminopathies. Circulation Research, 2018, 122, 678-692.	2.0	54

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73	Epigenetic loss of AOX1 expression via EZH2 leads to metabolic deregulations and promotes bladder cancer progression. Oncogene, 2020, 39, 6265-6285.	2.6	52
74	miR-509-3p is clinically significant and strongly attenuates cellular migration and multi-cellular spheroids in ovarian cancer. Oncotarget, 2016, 7, 25930-25948.	0.8	49
75	Regulation of miRNA-29c and its downstream pathways in preneoplastic progression of triple-negative breast cancer. Oncotarget, 2017, 8, 19645-19660.	0.8	49
76	Pash 3.0: A versatile software package for read mapping and integrative analysis of genomic and epigenomic variation using massively parallel DNA sequencing. BMC Bioinformatics, 2010, 11, 572.	1.2	48
77	GLUT12 promotes prostate cancer cell growth and is regulated by androgens and CaMKK2 signaling. Endocrine-Related Cancer, 2018, 25, 453-469.	1.6	48
78	Estrogen receptor-Î± expressing neurons in the ventrolateral VMH regulate glucose balance. Nature Communications, 2020, 11, 2165.	5.8	48
79	Pharmacological inhibition of CaMKK2 with the selective antagonist STO-609 regresses NAFLD. Scientific Reports, 2017, 7, 11793.	1.6	47
80	DNA hypermethylation during tuberculosis dampens host immune responsiveness. Journal of Clinical Investigation, 2020, 130, 3113-3123.	3.9	47
81	MYCN controls an alternative RNA splicing program in high-risk metastatic neuroblastoma. Cancer Letters, 2016, 371, 214-224.	3.2	46
82	Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. Cancer Prevention Research, 2017, 10, 588-597.	0.7	46
83	TGF-Î²1 programmed myeloid-derived suppressor cells (MDSC) acquire immune-stimulating and tumor killing activity capable of rejecting established tumors in combination with radiotherapy. OncoImmunology, 2018, 7, e1490853.	2.1	46
84	Exercise restores dysregulated gene expression in a mouse model of arrhythmogenic cardiomyopathy. Cardiovascular Research, 2020, 116, 1199-1213.	1.8	44
85	Systematic analysis of human telomeric dysfunction using inducible telosome/shelterin CRISPR/Cas9 knockout cells. Cell Discovery, 2017, 3, 17034.	3.1	43
86	miRâ€130b directly targets ARHGAP1 to drive activation of a metastatic CDC42â€PAK1â€AP1 positive feedback loop in Ewing sarcoma. International Journal of Cancer, 2017, 141, 2062-2075.	2.3	43
87	Unique metabolomic signature associated with hepatorenal dysfunction and mortality in cirrhosis. Translational Research, 2018, 195, 25-47.	2.2	43
88	Epigenome environment interactions accelerate epigenomic aging and unlock metabolically restricted epigenetic reprogramming in adulthood. Nature Communications, 2020, 11, 2316.	5.8	43
89	Recurrent BCAM-AKT2 fusion gene leads to a constitutively activated AKT2 fusion kinase in high-grade serous ovarian carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1272-7.	3.3	42
90	A noncoding RNA modulator potentiates phenylalanine metabolism in mice. Science, 2021, 373, 662-673.	6.0	42

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91	Tead1 is required for maintaining adult cardiomyocyte function, and its loss results in lethal dilated cardiomyopathy. JCI Insight, 2017, 2, .	2.3	42
92	BET bromodomain inhibition attenuates cardiac phenotype in myocyte-specific lamin A/Câ€“deficient mice. Journal of Clinical Investigation, 2020, 130, 4740-4758.	3.9	42
93	CDKN2D-WDFY2 Is a Cancer-Specific Fusion Gene Recurrent in High-Grade Serous Ovarian Carcinoma. PLoS Genetics, 2014, 10, e1004216.	1.5	41
94	Schistosomiasis Induces Persistent DNA Methylation and Tuberculosis-Specific Immune Changes. Journal of Immunology, 2018, 201, 124-133.	0.4	41
95	The Landscape of microRNA Targeting in Prostate Cancer Defined by AGO-PAR-CLIP. Neoplasia, 2016, 18, 356-370.	2.3	40
96	Distinct Lipidomic Landscapes Associated with Clinical Stages of Urothelial Cancer of the Bladder. European Urology Focus, 2018, 4, 907-915.	1.6	40
97	Large-scale discovery of male reproductive tract-specific genes through analysis of RNA-seq datasets. BMC Biology, 2020, 18, 103.	1.7	39
98	PPARÎ³ agonists promote differentiation of cancer stem cells by restraining YAP transcriptional activity. Oncotarget, 2016, 7, 60954-60970.	0.8	39
99	Expression of ganglioside GD2, reprogram the lipid metabolism and EMT phenotype in bladder cancer. Oncotarget, 2017, 8, 95620-95631.	0.8	38
100	Unbiased Lipidomic Profiling of Triple-Negative Breast Cancer Tissues Reveals the Association of Sphingomyelin Levels with Patient Disease-Free Survival. Metabolites, 2018, 8, 41.	1.3	38
101	ISA101 and nivolumab for HPV-16⁺ cancer: updated clinical efficacy and immune correlates of response. , 2022, 10, e004232.		38
102	Sexual dimorphism of the pulmonary transcriptome in neonatal hyperoxic lung injury: identification of angiogenesis as a key pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L991-L1005.	1.3	37
103	Integrative Pathway Analysis of Metabolic Signature in Bladder Cancer: A Linkage to The Cancer Genome Atlas Project and Prediction of Survival. Journal of Urology, 2016, 195, 1911-1919.	0.2	35
104	Association between elevated placental polycyclic aromatic hydrocarbons (PAHs) and PAH-DNA adducts from Superfund sites in Harris County, and increased risk of preterm birth (PTB). Biochemical and Biophysical Research Communications, 2019, 516, 344-349.	1.0	35
105	Metabolic dysregulation in theAtp7b^{â˜’/â˜’}Wilsonâ€™s disease mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2076-2083.	3.3	35
106	Annexin A1 Preferentially Predicts Poor Prognosis of Basal-Like Breast Cancer Patients by Activating mTOR-S6 Signaling. PLoS ONE, 2015, 10, e0127678.	1.1	34
107	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. Cancers, 2020, 12, 1670.	1.7	33
108	miRNA Data Analysis: Next-Gen Sequencing. Methods in Molecular Biology, 2012, 822, 273-288.	0.4	32

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109	miR-137 Targets p160 Steroid Receptor Coactivators SRC1, SRC2, and SRC3 and Inhibits Cell Proliferation. Molecular Endocrinology, 2015, 29, 1170-1183.	3.7	32
110	Î”Np63/DGCR8-Dependent MicroRNAs Mediate Therapeutic Efficacy of HDAC Inhibitors in Cancer. Cancer Cell, 2016, 29, 874-888.	7.7	32
111	Mechanisms of skeletal muscle wasting in a mouse model for myotonic dystrophy type 1. Human Molecular Genetics, 2018, 27, 2789-2804.	1.4	32
112	Targeting nuclear Î²-catenin as therapy for post-myeloproliferative neoplasm secondary AML. Leukemia, 2019, 33, 1373-1386.	3.3	32
113	MicroRNA-30a as a candidate underlying sex-specific differences in neonatal hyperoxic lung injury: implications for BPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L144-L156.	1.3	32
114	High potency STING agonists engage unique myeloid pathways to reverse pancreatic cancer immune privilege. , 2021, 9, e003246.		32
115	Peroxisomal biogenesis is genetically and biochemically linked to carbohydrate metabolism in Drosophila and mouse. PLoS Genetics, 2017, 13, e1006825.	1.5	31
116	Single-cell sequencing of rotavirus-infected intestinal epithelium reveals cell-type specific epithelial repair and tuft cell infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	31
117	MYCN acts as a direct co-regulator of p53 in MYCN amplified neuroblastoma. Oncotarget, 2018, 9, 20323-20338.	0.8	28
118	The testis-specific serine proteases PRSS44, PRSS46, and PRSS54 are dispensable for male mouse fertilityâ€. Biology of Reproduction, 2020, 102, 84-91.	1.2	27
119	Mechanistic basis and efficacy of targeting the Î²-cateninâ€“TCF7L2â€“JMJD6â€“c-Myc axis to overcome resistance to BET inhibitors. Blood, 2020, 135, 1255-1269.	0.6	27
120	DNA methylation in AgRP neurons regulates voluntary exercise behavior in mice. Nature Communications, 2019, 10, 5364.	5.8	26
121	MicroRNA-509-3p inhibits cellular migration, invasion, and proliferation, and sensitizes osteosarcoma to cisplatin. Scientific Reports, 2019, 9, 19089.	1.6	26
122	The genomic landscape of estrogen receptor Î± binding sites in mouse mammary gland. PLoS ONE, 2019, 14, e0220311.	1.1	25
123	Haploinsufficiency ofTmem43in cardiac myocytes activates the DNA damage response pathway leading to a late-onset senescence-associated pro-fibrotic cardiomyopathy. Cardiovascular Research, 2021, 117, 2377-2394.	1.8	25
124	Long noncoding RNA BHLHE40â€AS1 promotes early breast cancer progression through modulating ILâ€6/STAT3 signaling. Journal of Cellular Biochemistry, 2020, 121, 3465-3478.	1.2	24
125	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection. PLoS Pathogens, 2020, 16, e1008851.	2.1	24
126	STAT1 Dissociates Adipose Tissue Inflammation From Insulin Sensitivity in Obesity. Diabetes, 2020, 69, 2630-2641.	0.3	24

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127	Tuberculosis endotypes to guide stratified host-directed therapy. Med, 2021, 2, 217-232.	2.2	24
128	A Phase I Dose-Escalation Study to Evaluate the Safety and Tolerability of Evofosfamide in Combination with Ipilimumab in Advanced Solid Malignancies. Clinical Cancer Research, 2021, 27, 3050-3060.	3.2	24
129	Superior efficacy of co-targeting GFI1/KDM1A and BRD4 against AML and post-MPN secondary AML cells. Blood Cancer Journal, 2021, 11, 98.	2.8	24
130	RNA sequencing-based transcriptome profiling of cardiac tissue implicates novel putative disease mechanisms in FLNC-associated arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2020, 302, 124-130.	0.8	23
131	Cigarette smokeâ€“induced reduction of C1q promotes emphysema. JCI Insight, 2019, 4, .	2.3	23
132	Identification of a Novel Coregulator, SH3YL1, That Interacts With the Androgen Receptor N-Terminus. Molecular Endocrinology, 2015, 29, 1426-1439.	3.7	22
133	Role of Cytochrome P450 (CYP)1A in Hyperoxic Lung Injury: Analysis of the Transcriptome and Proteome. Scientific Reports, 2017, 7, 642.	1.6	22
134	Distinct TP63 Isoform-Driven Transcriptional Signatures Predict Tumor Progression and Clinical Outcomes. Cancer Research, 2018, 78, 451-462.	0.4	22
135	REST-DRD2 mechanism impacts glioblastoma stem cellâ€“mediated tumorigenesis. Neuro-Oncology, 2019, 21, 775-785.	0.6	22
136	Epigenetic response to hyperoxia in the neonatal lung is sexually dimorphic. Redox Biology, 2020, 37, 101718.	3.9	22
137	Identification of cell type-specific methylation signals in bulk whole genome bisulfite sequencing data. Genome Biology, 2020, 21, 156.	3.8	22
138	Hormonal modulation of ESR1 mutant metastasis. Oncogene, 2021, 40, 997-1011.	2.6	22
139	A Prospective Targeted Serum Metabolomics Study of Pancreatic Cancer in Postmenopausal Women. Cancer Prevention Research, 2019, 12, 237-246.	0.7	21
140	Genetic and Environmental Models of Circadian Disruption Link SRC-2 Function to Hepatic Pathology. Journal of Biological Rhythms, 2016, 31, 443-460.	1.4	20
141	ICG-001 Exerts Potent Anticancer Activity Against Uveal Melanoma Cells. , 2018, 59, 132.		20
142	Loss of the E2 SUMO-conjugating enzyme Ube2i in oocytes during ovarian folliculogenesis causes infertility in mice. Development (Cambridge), 2019, 146, .	1.2	20
143	Targeting PAK4 Inhibits Ras-Mediated Signaling and Multiple Oncogenic Pathways in High-Risk Rhabdomyosarcoma. Cancer Research, 2021, 81, 199-212.	0.4	20
144	The EP300/TP53 pathway, a suppressor of the Hippo and canonical WNT pathways, is activated in human hearts with arrhythmogenic cardiomyopathy in the absence of overt heart failure. Cardiovascular Research, 2022, 118, 1466-1478.	1.8	20

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145	Analysis of interactions between the epigenome and structural mutability of the genome using Genboree workbench tools. BMC Bioinformatics, 2014, 15, S2.	1.2	19
146	Targeting Oncogenic Super Enhancers in MYC-Dependent AML Using a Small Molecule Activator of NR4A Nuclear Receptors. Scientific Reports, 2020, 10, 2851.	1.6	19
147	Spatiotemporal Regulation of Î”Np63 by TGFÎ²-Regulated miRNAs Is Essential for Cancer Metastasis. Cancer Research, 2020, 80, 2833-2847.	0.4	19
148	An integrative transcriptomic approach to identify depot differences in genes and microRNAs in adipose tissues from high fat fed mice. Oncotarget, 2018, 9, 9246-9261.	0.8	19
149	Effect of sex chromosomes versus hormones in neonatal lung injury. JCI Insight, 2021, 6, .	2.3	18
150	MYCN-driven fatty acid uptake is a metabolic vulnerability in neuroblastoma. Nature Communications, 2022, 13, .	5.8	18
151	Depletion of Endothelial Prolyl Hydroxylase Domain Protein 2 and 3 Promotes Cardiomyocyte Proliferation and Prevents Ventricular Failure Induced by Myocardial Infarction. Circulation, 2019, 140, 440-442.	1.6	17
152	Beyond Autoantibodies: Biologic Roles of Human Autoreactive B Cells in Rheumatoid Arthritis Revealed by RNAâ€Sequencing. Arthritis and Rheumatology, 2019, 71, 529-541.	2.9	17
153	Discovery, Structureâ€“Activity Relationship, and Biological Activity of Histone-Competitive Inhibitors of Histone Acetyltransferases P300/CBP. Journal of Medicinal Chemistry, 2020, 63, 4716-4731.	2.9	17
154	A cytoskeletal function for PBRM1 reading methylated microtubules. Science Advances, 2021, 7, .	4.7	17
155	Reverse-Phase Protein Array: Technology, Application, Data Processing, and Integration. Journal of Biomolecular Techniques, 2021, 32, 15-29.	0.8	17
156	Neuronal SETD2 activity links microtubule methylation to an anxiety-like phenotype in mice. Brain, 2021, 144, 2527-2540.	3.7	17
157	CHAF1A Blocks Neuronal Differentiation and Promotes Neuroblastoma Oncogenesis via Metabolic Reprogramming. Advanced Science, 2021, 8, e2005047.	5.6	17
158	Gene expression signatures identify biologically and clinically distinct tuberculosis endotypes. European Respiratory Journal, 2022, 60, 2102263.	3.1	17
159	The Prostate Cancer Androgen Receptor Cistrome in African American Men Associates with Upregulation of Lipid Metabolism and Immune Response. Cancer Research, 2022, 82, 2848-2859.	0.4	17
160	Long-range massively parallel mate pair sequencing detects distinct mutations and similar patterns of structural mutability in two breast cancer cell lines. Cancer Genetics, 2011, 204, 447-457.	0.2	16
161	Gene Expression Profiling Identifies Cell Proliferation and Inflammation as the Predominant Pathways Regulated by Aryl Hydrocarbon Receptor in Primary Human Fetal Lung Cells Exposed to Hyperoxia. Toxicological Sciences, 2016, 152, 155-168.	1.4	16
162	CpG methylation differences between neurons and glia are highly conserved from mouse to human. Human Molecular Genetics, 2016, 25, 223-232.	1.4	16

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163	Ronin Governs Early Heart Development by Controlling Core Gene Expression Programs. Cell Reports, 2017, 21, 1562-1573.	2.9	16
164	TAp63-Regulated miRNAs Suppress Cutaneous Squamous Cell Carcinoma through Inhibition of a Network of Cell-Cycle Genes. Cancer Research, 2020, 80, 2484-2497.	0.4	16
165	RON signalling promotes therapeutic resistance in ESR1 mutant breast cancer. British Journal of Cancer, 2021, 124, 191-206.	2.9	16
166	Plasma miRNA Biomarkers in Limited Volume Samples for Detection of Early-stage Pancreatic Cancer. Cancer Prevention Research, 2021, 14, 729-740.	0.7	16
167	A machine learning caseâ€“control classifier for schizophrenia based on DNA methylation in blood. Translational Psychiatry, 2021, 11, 412.	2.4	16
168	Endothelium-specific depletion of LRP1 improves glucose homeostasis through inducing osteocalcin. Nature Communications, 2021, 12, 5296.	5.8	16
169	Identification of Potential Glucocorticoid Receptor Therapeutic Targets in Multiple Myeloma. Nuclear Receptor Signaling, 2015, 13, nrs.13006.	1.0	15
170	A new mild hyperthermia device to treat vascular involvement in cancer surgery. Scientific Reports, 2017, 7, 11299.	1.6	15
171	Activating p53 family member TAp63: A novel therapeutic strategy for targeting p53â€altered tumors. Cancer, 2019, 125, 2409-2422.	2.0	15
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