

Daniel D De Carvalho

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

5,304
citations

32
h-index

72
g-index

102
ext. papers

7,171
ext. citations

17.7
avg, IF

5.85
L-index

#	Paper	IF	Citations
71	DNA-Demethylating Agents Target Colorectal Cancer Cells by Inducing Viral Mimicry by Endogenous Transcripts. <i>Cell</i> , 2015 , 162, 961-73	56.2	705
70	Gene body methylation can alter gene expression and is a therapeutic target in cancer. <i>Cancer Cell</i> , 2014 , 26, 577-90	24.3	662
69	Epigenetic modifications as therapeutic targets. <i>Nature Biotechnology</i> , 2010 , 28, 1069-78	44.5	580
68	Sensitive tumour detection and classification using plasma cell-free DNA methylomes. <i>Nature</i> , 2018 , 563, 579-583	50.4	344
67	LSD1 Ablation Stimulates Anti-tumor Immunity and Enables Checkpoint Blockade. <i>Cell</i> , 2018 , 174, 549-563	56.2	19264
66	Epigenetic therapy in immune-oncology. <i>Nature Reviews Cancer</i> , 2019 , 19, 151-161	31.3	216
65	DNA methylation screening identifies driver epigenetic events of cancer cell survival. <i>Cancer Cell</i> , 2012 , 21, 655-667	24.3	198
64	TGF- β -Associated extracellular matrix genes link cancer-associated fibroblasts to immune evasion and immunotherapy failure. <i>Nature Communications</i> , 2018 , 9, 4692	17.4	198
63	DNA methylation and cellular reprogramming. <i>Trends in Cell Biology</i> , 2010 , 20, 609-17	18.3	164
62	Polycomb-repressed genes have permissive enhancers that initiate reprogramming. <i>Cell</i> , 2011 , 147, 1283-94	30.4	146
61	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016 , 30, 891-908	24.3	135
60	Mutant IDH1 Downregulates ATM and Alters DNA Repair and Sensitivity to DNA Damage Independent of TET2. <i>Cancer Cell</i> , 2016 , 30, 337-348	24.3	121
59	IL17 Promotes Mammary Tumor Progression by Changing the Behavior of Tumor Cells and Eliciting Tumorigenic Neutrophils Recruitment. <i>Cancer Research</i> , 2015 , 75, 3788-99	10.1	106
58	OCT4 establishes and maintains nucleosome-depleted regions that provide additional layers of epigenetic regulation of its target genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 14497-502	11.5	104
57	Nucleosomes containing methylated DNA stabilize DNA methyltransferases 3A/3B and ensure faithful epigenetic inheritance. <i>PLoS Genetics</i> , 2011 , 7, e1001286	6	88
56	Apoptotic cell-induced AhR activity is required for immunological tolerance and suppression of systemic lupus erythematosus in mice and humans. <i>Nature Immunology</i> , 2018 , 19, 571-582	19.1	80
55	Detection and discrimination of intracranial tumors using plasma cell-free DNA methylomes. <i>Nature Medicine</i> , 2020 , 26, 1044-1047	50.5	76

54	Detection of renal cell carcinoma using plasma and urine cell-free DNA methylomes. <i>Nature Medicine</i> , 2020 , 26, 1041-1043	50.5	72
53	A chemical biology toolbox to study protein methyltransferases and epigenetic signaling. <i>Nature Communications</i> , 2019 , 10, 19	17.4	69
52	The Cancer Epigenome: Exploiting Its Vulnerabilities for Immunotherapy. <i>Trends in Cell Biology</i> , 2019 , 29, 31-43	18.3	54
51	Single-cell analysis reveals transcriptomic remodellings in distinct cell types that contribute to human prostate cancer progression. <i>Nature Cell Biology</i> , 2021 , 23, 87-98	23.4	53
50	Pervasive H3K27 Acetylation Leads to ERV Expression and a Therapeutic Vulnerability in H3K27M Gliomas. <i>Cancer Cell</i> , 2019 , 35, 782-797.e8	24.3	52
49	Nucleolar RNA polymerase II drives ribosome biogenesis. <i>Nature</i> , 2020 , 585, 298-302	50.4	50
48	Epigenetic therapy induces transcription of inverted SINEs and ADAR1 dependency. <i>Nature</i> , 2020 , 588, 169-173	50.4	48
47	Preparation of cfMeDIP-seq libraries for methylome profiling of plasma cell-free DNA. <i>Nature Protocols</i> , 2019 , 14, 2749-2780	18.8	47
46	Symmetrical Dose-Dependent DNA-Methylation Profiles in Children with Deletion or Duplication of 7q11.23. <i>American Journal of Human Genetics</i> , 2015 , 97, 216-27	11	46
45	Toward a comprehensive view of cancer immune responsiveness: a synopsis from the SITC workshop 2019 , 7, 131		41
44	BCR-ABL-mediated upregulation of PRAME is responsible for knocking down TRAIL in CML patients. <i>Oncogene</i> , 2011 , 30, 223-33	9.2	40
43	Deregulation of Retroelements as an Emerging Therapeutic Opportunity in Cancer. <i>Trends in Cancer</i> , 2018 , 4, 583-597	12.5	40
42	SNF5 is an essential executor of epigenetic regulation during differentiation. <i>PLoS Genetics</i> , 2013 , 9, e1003459	6	38
41	Epigenetic Switch-Induced Viral Mimicry Evasion in Chemotherapy-Resistant Breast Cancer. <i>Cancer Discovery</i> , 2020 , 10, 1312-1329	24.4	34
40	GCN2 drives macrophage and MDSC function and immunosuppression in the tumor microenvironment. <i>Science Immunology</i> , 2019 , 4,	28	34
39	O-Acetylation of Peptidoglycan Limits Helper T Cell Priming and Permits Staphylococcus aureus Reinfection. <i>Cell Host and Microbe</i> , 2017 , 22, 543-551.e4	23.4	24
38	Targeting bivalency de-represses Indian Hedgehog and inhibits self-renewal of colorectal cancer-initiating cells. <i>Nature Communications</i> , 2019 , 10, 1436	17.4	21
37	Epigenetic regulation of nitric oxide synthase 2, inducible (Nos2) by NLRC4 inflammasomes involves PARP1 cleavage. <i>Scientific Reports</i> , 2017 , 7, 41686	4.9	20

36	Mammary molecular portraits reveal lineage-specific features and progenitor cell vulnerabilities. <i>Journal of Cell Biology</i> , 2018 , 217, 2951-2974	7.3	20
35	Early-life antibiotic treatment enhances the pathogenicity of CD4 T cells during intestinal inflammation. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 893-900	6.5	19
34	The Mitochondrial Transacylase, Tafazzin, Regulates for AML Stemness by Modulating Intracellular Levels of Phospholipids. <i>Cell Stem Cell</i> , 2019 , 24, 621-636.e16	18	19
33	Aberrant DNA methylation reprogramming during induced pluripotent stem cell generation is dependent on the choice of reprogramming factors. <i>Cell Regeneration</i> , 2014 , 3, 4	2.5	19
32	Cell-free DNA as a post-treatment surveillance strategy: current status. <i>Seminars in Oncology</i> , 2017 , 44, 330-346	5.5	19
31	Pre-neoplastic epigenetic disruption of transcriptional enhancers in chronic inflammation. <i>Oncotarget</i> , 2016 , 7, 15772-86	3.3	19
30	DNA hypomethylating agents increase activation and cytolytic activity of CD8 T cells. <i>Molecular Cell</i> , 2021 , 81, 1469-1483.e8	17.6	19
29	Pharmacological DNA demethylation: Implications for cancer immunotherapy. <i>Oncotarget</i> , 2016 , 5, e1090077	7.2	17
28	High-throughput DNA analysis shows the importance of methylation in the control of immune inflammatory gene transcription in chronic periodontitis. <i>Clinical Epigenetics</i> , 2014 , 6, 15	7.7	17
27	Reactivation of Endogenous Retroelements in Cancer Development and Therapy. <i>Annual Review of Cancer Biology</i> , 2020 , 4, 159-176	13.3	15
26	Paediatric Strategy Forum for medicinal product development of epigenetic modifiers for children: ACCELERATE in collaboration with the European Medicines Agency with participation of the Food and Drug Administration. <i>European Journal of Cancer</i> , 2020 , 139, 135-148	7.5	12
25	An open-label, phase II multicohort study of an oral hypomethylating agent CC-486 and durvalumab in advanced solid tumors 2020 , 8,		12
24	Clinical advances in targeting epigenetics for cancer therapy. <i>FEBS Journal</i> , 2021 ,	5.7	12
23	Constitutive androstane receptor ligands modulate the anti-tumor efficacy of paclitaxel in non-small cell lung cancer cells. <i>PLoS ONE</i> , 2014 , 9, e99484	3.7	11
22	The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. <i>Cell Stem Cell</i> , 2021 , 28, 488-501.e10	18	11
21	Tumor-Naïve Multimodal Profiling of Circulating Tumor DNA in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2021 , 27, 4230-4244	12.9	9
20	Mitochondrial carrier homolog 2 is necessary for AML survival. <i>Blood</i> , 2020 , 136, 81-92	2.2	8
19	Mapping the cellular origin and early evolution of leukemia in Down syndrome. <i>Science</i> , 2021 , 373,	33.3	8

18	BCR-ABL1-induced downregulation of WASP in chronic myeloid leukemia involves epigenetic modification and contributes to malignancy. <i>Cell Death and Disease</i> , 2017 , 8, e3114	9.8	6
17	Dynamics of the cell-free DNA methylome of metastatic prostate cancer during androgen-targeting treatment. <i>Epigenomics</i> , 2020 , 12, 1317-1332	4.4	6
16	The role of DNA-demethylating agents in cancer therapy. <i>Pharmacology & Therapeutics</i> , 2020 , 205, 107416.9	16.9	6
15	DNA Methylation as a Robust Classifier of Epithelial Ovarian Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 5729-5731	12.9	5
14	The cell wall fraction from <i>Fonsecaea pedrosoi</i> stimulates production of different profiles of cytokines and nitric oxide by murine peritoneal cells in vitro. <i>Mycopathologia</i> , 2010 , 170, 89-98	2.9	4
13	Endogenous Retroelements and the Viral Mimicry Response in Cancer Therapy and Cellular Homeostasis. <i>Cancer Discovery</i> , 2021 , 11, 2707-2725	24.4	4
12	PRMT inhibition induces a viral mimicry response in triple-negative breast cancer.. <i>Nature Chemical Biology</i> , 2022 ,	11.7	3
11	The next generation of DNMT inhibitors.. <i>Nature Cancer</i> , 2021 , 2, 1000-1001	15.4	2
10	Spliceosome-Targeted Therapies Induce dsRNA Responses. <i>Immunity</i> , 2021 , 54, 11-13	32.3	2
9	DNA Methylation based prognostic subtypes of chordoma tumors in tissue and plasma. <i>Neuro-Oncology</i> , 2021 ,	1	2
8	H3K9 methylation drives resistance to androgen receptor-antagonist therapy in prostate cancer.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2114324119 ^{11.5}	11.5	2
7	Methods to detect endogenous dsRNA induction and recognition. <i>Methods in Enzymology</i> , 2019 , 629, 35-51	1.7	1
6	DNA-Demethylating Agents enhance cytolytic activity of CD8+ T Cells and anti-tumor immunity		1
5	Sensitive and reproducible cell-free methylome quantification with synthetic spike-in controls		1
4	Epigenetic activation of plasmacytoid DC drives IFNAR-dependent therapeutic differentiation of AML.. <i>Cancer Discovery</i> , 2022 ,	24.4	1
3	Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML.. <i>Cell Reports</i> , 2022 , 38, 110481	10.6	0
2	Using epigenetic data to estimate immune composition in admixed samples. <i>Methods in Enzymology</i> , 2020 , 636, 77-92	1.7	
1	Measuring the effect of drug treatments on primary human CD8+ T cell activation and cytolytic potential. <i>STAR Protocols</i> , 2021 , 2, 100549	1.4	

