

Francesco Neri

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.

49
papers

2,066
citations

22
h-index

45
g-index

59
ext. papers

2,627
ext. citations

11.6
avg, IF

4.74
L-index

#	Paper	IF	Citations
49	Intragenic DNA methylation prevents spurious transcription initiation. <i>Nature</i> , 2017 , 543, 72-77	50.4	351
48	AKI Recovery Induced by Mesenchymal Stromal Cell-Derived Extracellular Vesicles Carrying MicroRNAs. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 2349-60	12.7	164
47	TET1 is a tumour suppressor that inhibits colon cancer growth by derepressing inhibitors of the WNT pathway. <i>Oncogene</i> , 2015 , 34, 4168-76	9.2	130
46	Dnmt3L antagonizes DNA methylation at bivalent promoters and favors DNA methylation at gene bodies in ESCs. <i>Cell</i> , 2013 , 155, 121-34	56.2	124
45	Renal Regenerative Potential of Different Extracellular Vesicle Populations Derived from Bone Marrow Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2017 , 23, 1262-1273	3.9	117
44	Genome-wide analysis identifies a functional association of Tet1 and Polycomb repressive complex 2 in mouse embryonic stem cells. <i>Genome Biology</i> , 2013 , 14, R91	18.3	115
43	Cellular and epigenetic drivers of stem cell ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 594-617	18.7	110
42	Single-Base Resolution Analysis of 5-Formyl and 5-Carboxyl Cytosine Reveals Promoter DNA Methylation Dynamics. <i>Cell Reports</i> , 2015 , 10, 674-683	10.6	91
41	Genome-wide profiling of mouse RNA secondary structures reveals key features of the mammalian transcriptome. <i>Genome Biology</i> , 2014 , 15, 491	18.3	87
40	Epigenetic stress responses induce muscle stem-cell ageing by Hoxa9 developmental signals. <i>Nature</i> , 2016 , 540, 428-432	50.4	79
39	Myc regulates the transcription of the PRC2 gene to control the expression of developmental genes in embryonic stem cells. <i>Molecular and Cellular Biology</i> , 2012 , 32, 840-51	4.8	74
38	High-throughput single-base resolution mapping of RNA 2EO-methylated residues. <i>Nucleic Acids Research</i> , 2017 , 45, 1433-1441	20.1	71
37	PD-L1 up-regulation in melanoma increases disease aggressiveness and is mediated through miR-17-5p. <i>Oncotarget</i> , 2017 , 8, 15894-15911	3.3	69
36	Endothelial cell adhesion to the extracellular matrix induces c-Src-dependent VEGFR-3 phosphorylation without the activation of the receptor intrinsic kinase activity. <i>Circulation Research</i> , 2010 , 106, 1839-48	15.7	66
35	Mutations in NOTCH1 PEST domain orchestrate CCL19-driven homing of chronic lymphocytic leukemia cells by modulating the tumor suppressor gene DUSP22. <i>Leukemia</i> , 2017 , 31, 1882-1893	10.7	39
34	Cohesin-mediated NF- κ B signaling limits hematopoietic stem cell self-renewal in aging and inflammation. <i>Journal of Experimental Medicine</i> , 2019 , 216, 152-175	16.6	39
33	Citron Kinase Deficiency Leads to Chromosomal Instability and TP53-Sensitive Microcephaly. <i>Cell Reports</i> , 2017 , 18, 1674-1686	10.6	35

32	FOSL1 controls the assembly of endothelial cells into capillary tubes by direct repression of α and β integrin transcription. <i>Molecular and Cellular Biology</i> , 2013 , 33, 1198-209	4.8	34
31	TET1 is controlled by pluripotency-associated factors in ESCs and downmodulated by PRC2 in differentiated cells and tissues. <i>Nucleic Acids Research</i> , 2015 , 43, 6814-26	20.1	29
30	TFEB controls vascular development by regulating the proliferation of endothelial cells. <i>EMBO Journal</i> , 2019 , 38,	13	28
29	Methylation-assisted bisulfite sequencing to simultaneously map 5fC and 5caC on a genome-wide scale for DNA demethylation analysis. <i>Nature Protocols</i> , 2016 , 11, 1191-205	18.8	25
28	MREditor: a two-step dynamic interaction model that accounts for mRNA accessibility and Pumilio binding accurately predicts microRNA targets. <i>Nucleic Acids Research</i> , 2013 , 41, 8421-33	20.1	23
27	Myc and max genome-wide binding sites analysis links the Myc regulatory network with the polycomb and the core pluripotency networks in mouse embryonic stem cells. <i>PLoS ONE</i> , 2014 , 9, e88933	3.7	20
26	Choice of Alternative Polyadenylation Sites, Mediated by the RNA-Binding Protein Elavl3, Plays a Role in Differentiation of Inhibitory Neuronal Progenitors. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 518	6.1	19
25	The long intergenic non-coding RNA CCR492 functions as a let-7 competitive endogenous RNA to regulate c-Myc expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 1322-32	6.32	19
24	NR2F1 regulates regional progenitor dynamics in the mouse neocortex and cortical gyrification in BBSOAS patients. <i>EMBO Journal</i> , 2020 , 39, e104163	13	15
23	Rictor/mTORC2 deficiency enhances keratinocyte stress tolerance via mitohormesis. <i>Cell Death and Differentiation</i> , 2017 , 24, 731-746	12.7	14
22	Hypoxia controls Flvcr1 gene expression in Caco2 cells through HIF2 α and ETS1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014 , 1839, 259-64	6	12
21	RNA structure framework: automated transcriptome-wide reconstruction of RNA secondary structures from high-throughput structure probing data. <i>Bioinformatics</i> , 2016 , 32, 459-61	7.2	11
20	High-throughput single nucleotide variant discovery in E14 mouse embryonic stem cells provides a new reference genome assembly. <i>Genomics</i> , 2014 , 104, 121-7	4.3	11
19	Snai1 promotes ESC exit from the pluripotency by direct repression of self-renewal genes. <i>Stem Cells</i> , 2015 , 33, 742-50	5.8	7
18	Aging Triggers H3K27 Trimethylation Hoarding in the Chromatin of Skeletal Muscle. <i>Cells</i> , 2019 , 8,	7.9	6
17	Mechanistic insights into p53-regulated cytotoxicity of combined entinostat and irinotecan against colorectal cancer cells. <i>Molecular Oncology</i> , 2021 , 15, 3404-3429	7.9	6
16	HAT cofactor TRRAP modulates microtubule dynamics via SP1 signaling to prevent neurodegeneration. <i>ELife</i> , 2021 , 10,	8.9	4
15	High-throughput whole-genome sequencing of E14 mouse embryonic stem cells. <i>Genomics Data</i> , 2015 , 3, 6-7		3

14	Anti-proliferative and apoptotic effect of gemini curcumin in p53-wild type and p53-mutant colorectal cancer cell lines. <i>International Journal of Pharmaceutics</i> , 2021 , 601, 120592	6.5	3
13	DNA methylation modulates allograft survival and acute rejection after renal transplantation by regulating the mTOR pathway. <i>American Journal of Transplantation</i> , 2021 , 21, 567-581	8.7	3
12	Snai1 represses Nanog to promote embryonic stem cell differentiation. <i>Genomics Data</i> , 2015 , 4, 82-3		2
11	The androgen receptor-lncRNASAT1-AKT-p15 axis mediates androgen-induced cellular senescence in prostate cancer cells. <i>Oncogene</i> , 2021 ,	9.2	2
10	A Novel Splice Variant of the Inhibitor of Growth 3 Lacks the Plant Homeodomain and Regulates Epithelial-Mesenchymal Transition in Prostate Cancer Cells. <i>Biomolecules</i> , 2021 , 11,	5.9	1
9	Antithetic hTERT Regulation by Androgens in Prostate Cancer Cells: hTERT Inhibition Is Mediated by the ING1 and ING2 Tumor Suppressors. <i>Cancers</i> , 2021 , 13,	6.6	1
8	Intestinal stem cells heterogeneity and clonal dominance during aging: two faces of the same coin?. <i>Mechanisms of Ageing and Development</i> , 2020 , 189, 111247	5.6	0
7	Establishment of a fluorescent reporter of RNA-polymerase II activity to identify dormant cells. <i>Nature Communications</i> , 2021 , 12, 3318	17.4	0
6	Characterization of an in vitro 3D intestinal organoid model by using massive RNAseq-based transcriptome profiling. <i>Scientific Reports</i> , 2021 , 11, 16668	4.9	0
5	Single-cell atlas of the aging mouse colon.. <i>IScience</i> , 2022 , 25, 104202	6.1	0
4	Transcriptome Profiling of HCT-116 Colorectal Cancer Cells with RNA Sequencing Reveals Novel Targets for Polyphenol Nano Curcumin. <i>Molecules</i> , 2022 , 27, 3470	4.8	0
3	Mutations in NOTCH1 PEST Domain Orchestrate CCL19-Driven Homing of Chronic Lymphocytic Leukemia (CLL) Cells By Modulating the Tumor Suppressor Gene DUSP22. <i>Blood</i> , 2016 , 128, 969-969	2.2	
2	Low-Input Whole-Genome Bisulfite Sequencing. <i>Methods in Molecular Biology</i> , 2021 , 2351, 353-368	1.4	
1	Role of Age-Related Changes in DNA Methylation in the Disproportionate Susceptibility and Worse Outcomes of Sepsis in Older Adults.. <i>Frontiers in Medicine</i> , 2022 , 9, 822847	4.9	