

Frdrick A Mallette

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.

40
papers

2,431
citations

25
h-index

43
g-index

43
ext. papers

2,959
ext. citations

11.3
avg, IF

5.06
L-index

#	Paper	IF	Citations
40	The DNA damage signaling pathway is a critical mediator of oncogene-induced senescence. <i>Genes and Development</i> , 2007 , 21, 43-8	12.6	322
39	RNF8- and RNF168-dependent degradation of KDM4A/JMJD2A triggers 53BP1 recruitment to DNA damage sites. <i>EMBO Journal</i> , 2012 , 31, 1865-78	13	249
38	DNA damage signaling and p53-dependent senescence after prolonged beta-interferon stimulation. <i>Molecular Biology of the Cell</i> , 2006 , 17, 1583-92	3.5	193
37	Tumor suppressor activity of the ERK/MAPK pathway by promoting selective protein degradation. <i>Genes and Development</i> , 2013 , 27, 900-15	12.6	128
36	Senescence-associated secretory phenotype contributes to pathological angiogenesis in retinopathy. <i>Science Translational Medicine</i> , 2016 , 8, 362ra144	17.5	124
35	mTOR as a central regulator of lifespan and aging. <i>F1000Research</i> , 2019 , 8,	3.6	106
34	The DNA damage signaling pathway connects oncogenic stress to cellular senescence. <i>Cell Cycle</i> , 2007 , 6, 1831-6	4.7	102
33	The oncometabolite 2-hydroxyglutarate activates the mTOR signalling pathway. <i>Nature Communications</i> , 2016 , 7, 12700	17.4	95
32	JMJD2A promotes cellular transformation by blocking cellular senescence through transcriptional repression of the tumor suppressor CHD5. <i>Cell Reports</i> , 2012 , 2, 1233-43	10.6	91
31	SOCS1 links cytokine signaling to p53 and senescence. <i>Molecular Cell</i> , 2009 , 36, 754-67	17.6	91
30	Human fibroblasts require the Rb family of tumor suppressors, but not p53, for PML-induced senescence. <i>Oncogene</i> , 2004 , 23, 91-9	9.2	80
29	Noncanonical NF- κ B pathway controls the production of type I interferons in antiviral innate immunity. <i>Immunity</i> , 2014 , 40, 342-54	32.3	79
28	Cellular Senescence in Postmitotic Cells: Beyond Growth Arrest. <i>Trends in Cell Biology</i> , 2018 , 28, 595-607	18.3	78
27	Ablation of PRMT6 reveals a role as a negative transcriptional regulator of the p53 tumor suppressor. <i>Nucleic Acids Research</i> , 2012 , 40, 9513-21	20.1	72
26	The BAP1/ASXL2 Histone H2A Deubiquitinase Complex Regulates Cell Proliferation and Is Disrupted in Cancer. <i>Journal of Biological Chemistry</i> , 2015 , 290, 28643-63	5.4	71
25	Oncogenic Activities of IDH1/2 Mutations: From Epigenetics to Cellular Signaling. <i>Trends in Cell Biology</i> , 2017 , 27, 738-752	18.3	67
24	Targeting the Senescence-Overriding Cooperative Activity of Structurally Unrelated H3K9 Demethylases in Melanoma. <i>Cancer Cell</i> , 2018 , 33, 322-336.e8	24.3	64

23	miR-137 Modulates a Tumor Suppressor Network-Inducing Senescence in Pancreatic Cancer Cells. <i>Cell Reports</i> , 2016 , 14, 1966-78	10.6	59
22	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. <i>Science</i> , 2020 , 369,	33.3	49
21	SOCS1, a novel interaction partner of p53 controlling oncogene-induced senescence. <i>Aging</i> , 2010 , 2, 445-52	5.6	45
20	Urodele p53 tolerates amino acid changes found in p53 variants linked to human cancer. <i>BMC Evolutionary Biology</i> , 2007 , 7, 180	3	41
19	Myc down-regulation as a mechanism to activate the Rb pathway in STAT5A-induced senescence. <i>Journal of Biological Chemistry</i> , 2007 , 282, 34938-44	5.4	38
18	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4538-4547	11.5	34
17	Endogenous oxidative stress prevents telomerase-dependent immortalization of human endothelial cells. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 354-63	5.6	26
16	K48-linked ubiquitination and protein degradation regulate 53BP1 recruitment at DNA damage sites. <i>Cell Research</i> , 2012 , 22, 1221-3	24.7	25
15	Targeting LINC00673 expression triggers cellular senescence in lung cancer. <i>RNA Biology</i> , 2018 , 15, 1499-1511	15.11	18
14	Transcriptome analysis and tumor suppressor requirements of STAT5-induced senescence. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1197, 142-51	6.5	15
13	Molecular Regulation of Cellular Senescence by MicroRNAs: Implications in Cancer and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , 2017 , 334, 27-98	6	13
12	Non-canonical ATM/MRN activities temporally define the senescence secretory program. <i>EMBO Reports</i> , 2020 , 21, e50718	6.5	11
11	Exchange Factor TBL1 and Arginine Methyltransferase PRMT6 Cooperate in Protecting G Protein Pathway Suppressor 2 (GPS2) from Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 19044-54	5.4	10
10	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. <i>Cell Metabolism</i> , 2021 , 33, 818-832.e7	24.6	10
9	MyD88 Regulates the Expression of SMAD4 and the Iron Regulatory Hormone Hepcidin. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 105	5.7	6
8	Starvation-induced proteasome assemblies in the nucleus link amino acid supply to apoptosis. <i>Nature Communications</i> , 2021 , 12, 6984	17.4	5
7	The Rise of FXR1: Escaping Cellular Senescence in Head and Neck Squamous Cell Carcinoma. <i>PLoS Genetics</i> , 2016 , 12, e1006344	6	5
6	p16 Regulates Cellular Senescence in PD-1-Expressing Human T Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 698565	8.4	3

5	ZNF768 links oncogenic RAS to cellular senescence. <i>Nature Communications</i> , 2021 , 12, 4841	17.4	2
4	Tyrosine phosphorylation of DEPTOR functions as a molecular switch to activate mTOR signaling. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101291	5.4	1
3	JARID2 haploinsufficiency is associated with a clinically distinct neurodevelopmental syndrome. <i>Genetics in Medicine</i> , 2021 , 23, 374-383	8.1	0
2	Translation Links Nutrient Availability with Inflammation. <i>Trends in Biochemical Sciences</i> , 2018 , 43, 849-853	5.3	0
1	ZNF768: controlling cellular senescence and proliferation with ten fingers.. <i>Molecular and Cellular Oncology</i> , 2021 , 8, 1985930	1.2	0