Frdrick A Mallette

List of Publications by Year in Descending Order

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	Starvation-induced proteasome assemblies in the nucleus link amino acid supply to apoptosis. *Nature Communications*, **2021**, 12, 6984	17.4	5
39	Tyrosine phosphorylation of DEPTOR functions as a molecular switch to activate mTOR signaling. *Journal of Biological Chemistry*, **2021**, 297, 101291	5.4	1
38	Pathological angiogenesis in retinopathy engages cellular senescence and is amenable to therapeutic elimination via BCL-xL inhibition. *Cell Metabolism*, **2021**, 33, 818-832.e7	24.6	10
37	JARID2 haploinsufficiency is associated with a clinically distinct neurodevelopmental syndrome. *Genetics in Medicine*, **2021**, 23, 374-383	8.1	0
36	p16 Regulates Cellular Senescence in PD-1-Expressing Human T Cells. *Frontiers in Immunology*, **2021**, 12, 698565	8.4	3
35	ZNF768 links oncogenic RAS to cellular senescence. *Nature Communications*, **2021**, 12, 4841	17.4	2
34	ZNF768: controlling cellular senescence and proliferation with ten fingers.. *Molecular and Cellular Oncology*, **2021**, 8, 1985930	1.2	
33	Non-canonical ATM/MRN activities temporally define the senescence secretory program. *EMBO Reports*, **2020**, 21, e50718	6.5	11
32	Neutrophil extracellular traps target senescent vasculature for tissue remodeling in retinopathy. *Science*, **2020**, 369,	33.3	49
31	mTOR as a central regulator of lifespan and aging. *F1000Research*, **2019**, 8,	3.6	106
30	NOTCH1 signaling induces pathological vascular permeability in diabetic retinopathy. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4538-4547	11.5	34
29	Targeting the Senescence-Overriding Cooperative Activity of Structurally Unrelated H3K9 Demethylases in Melanoma. *Cancer Cell*, **2018**, 33, 322-336.e8	24.3	64
28	Cellular Senescence in Postmitotic Cells: Beyond Growth Arrest. *Trends in Cell Biology*, **2018**, 28, 595-607	18.3	78
27	Targeting LINC00673 expression triggers cellular senescence in lung cancer. *RNA Biology*, **2018**, 15, 1499-1511	4.8	18
26	MyD88 Regulates the Expression of SMAD4 and the Iron Regulatory Hormone Hepcidin. *Frontiers in Cell and Developmental Biology*, **2018**, 6, 105	5.7	6
25	Translation Links Nutrient Availability with Inflammation. *Trends in Biochemical Sciences*, **2018**, 43, 849-852	12.3	
24	Molecular Regulation of Cellular Senescence by MicroRNAs: Implications in Cancer and Age-Related Diseases. *International Review of Cell and Molecular Biology*, **2017**, 334, 27-98	6	13

23	Oncogenic Activities of IDH1/2 Mutations: From Epigenetics to Cellular Signaling. *Trends in Cell Biology*, **2017**, 27, 738-752	18.3	67
22	Senescence-associated secretory phenotype contributes to pathological angiogenesis in retinopathy. *Science Translational Medicine*, **2016**, 8, 362ra144	17.5	124
21	The oncometabolite 2-hydroxyglutarate activates the mTOR signalling pathway. *Nature Communications*, **2016**, 7, 12700	17.4	95
20	The Rise of FXR1: Escaping Cellular Senescence in Head and Neck Squamous Cell Carcinoma. *PLoS Genetics*, **2016**, 12, e1006344	6	5
19	miR-137 Modulates a Tumor Suppressor Network-Inducing Senescence in Pancreatic Cancer Cells. *Cell Reports*, **2016**, 14, 1966-78	10.6	59
18	Exchange Factor TBL1 and Arginine Methyltransferase PRMT6 Cooperate in Protecting G Protein Pathway Suppressor 2 (GPS2) from Proteasomal Degradation. *Journal of Biological Chemistry*, **2015**, 290, 19044-54	5.4	10
17	The BAP1/ASXL2 Histone H2A Deubiquitinase Complex Regulates Cell Proliferation and Is Disrupted in Cancer. *Journal of Biological Chemistry*, **2015**, 290, 28643-63	5.4	71
16	Noncanonical NF-B pathway controls the production of type I interferons in antiviral innate immunity. *Immunity*, **2014**, 40, 342-54	32.3	79
15	Tumor suppressor activity of the ERK/MAPK pathway by promoting selective protein degradation. *Genes and Development*, **2013**, 27, 900-15	12.6	128
14	JMJD2A promotes cellular transformation by blocking cellular senescence through transcriptional repression of the tumor suppressor CHD5. *Cell Reports*, **2012**, 2, 1233-43	10.6	91
13	RNF8- and RNF168-dependent degradation of KDM4A/JMJD2A triggers 53BP1 recruitment to DNA damage sites. *EMBO Journal*, **2012**, 31, 1865-78	13	249
12	K48-linked ubiquitination and protein degradation regulate 53BP1 recruitment at DNA damage sites. *Cell Research*, **2012**, 22, 1221-3	24.7	25
11	Ablation of PRMT6 reveals a role as a negative transcriptional regulator of the p53 tumor suppressor. *Nucleic Acids Research*, **2012**, 40, 9513-21	20.1	72
10	Transcriptome analysis and tumor suppressor requirements of STAT5-induced senescence. *Annals of the New York Academy of Sciences*, **2010**, 1197, 142-51	6.5	15
9	Endogenous oxidative stress prevents telomerase-dependent immortalization of human endothelial cells. *Mechanisms of Ageing and Development*, **2010**, 131, 354-63	5.6	26
8	SOCS1, a novel interaction partner of p53 controlling oncogene-induced senescence. *Aging*, **2010**, 2, 445-52	5.6	45
7	SOCS1 links cytokine signaling to p53 and senescence. *Molecular Cell*, **2009**, 36, 754-67	17.6	91
6	Urodele p53 tolerates amino acid changes found in p53 variants linked to human cancer. *BMC Evolutionary Biology*, **2007**, 7, 180	3	41

5	The DNA damage signaling pathway connects oncogenic stress to cellular senescence. *Cell Cycle*, **2007**, 6, 1831-6	4.7	102
4	The DNA damage signaling pathway is a critical mediator of oncogene-induced senescence. *Genes and Development*, **2007**, 21, 43-8	12.6	322
3	Myc down-regulation as a mechanism to activate the Rb pathway in STAT5A-induced senescence. *Journal of Biological Chemistry*, **2007**, 282, 34938-44	5.4	38
2	DNA damage signaling and p53-dependent senescence after prolonged beta-interferon stimulation. *Molecular Biology of the Cell*, **2006**, 17, 1583-92	3.5	193
1	Human fibroblasts require the Rb family of tumor suppressors, but not p53, for PML-induced senescence. *Oncogene*, **2004**, 23, 91-9	9.2	80