

Michael F Clarke

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.

63

papers

36,833

citations

39

h-index

70

g-index

70

ext. papers

40,086

ext. citations

19

avg, IF

7.05

L-index

#	Paper	IF	Citations
63	Prospective identification of tumorigenic breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 3983-8	11.5	8089
62	Stem cells, cancer, and cancer stem cells. <i>Nature</i> , 2001 , 414, 105-11	50.4	7504
61	Identification of pancreatic cancer stem cells. <i>Cancer Research</i> , 2007 , 67, 1030-7	10.1	2659
60	Association of reactive oxygen species levels and radioresistance in cancer stem cells. <i>Nature</i> , 2009 , 458, 780-3	50.4	1851
59	Phenotypic characterization of human colorectal cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10158-63	11.5	1719
58	Bmi-1 is required for maintenance of adult self-renewing haematopoietic stem cells. <i>Nature</i> , 2003 , 423, 302-5	50.4	1587
57	Applying the principles of stem-cell biology to cancer. <i>Nature Reviews Cancer</i> , 2003 , 3, 895-902	31.3	1329
56	Bmi-1 dependence distinguishes neural stem cell self-renewal from progenitor proliferation. <i>Nature</i> , 2003 , 425, 962-7	50.4	1107
55	Cancer stem cells: models and concepts. <i>Annual Review of Medicine</i> , 2007 , 58, 267-84	17.4	1047
54	Downregulation of miRNA-200c links breast cancer stem cells with normal stem cells. <i>Cell</i> , 2009 , 138, 592-603	56.2	1010
53	The biology of cancer stem cells. <i>Annual Review of Cell and Developmental Biology</i> , 2007 , 23, 675-99	12.6	829
52	The prognostic role of a gene signature from tumorigenic breast-cancer cells. <i>New England Journal of Medicine</i> , 2007 , 356, 217-26	59.2	826
51	Stem cells and cancer: two faces of eve. <i>Cell</i> , 2006 , 124, 1111-5	56.2	753
50	Single-cell dissection of transcriptional heterogeneity in human colon tumors. <i>Nature Biotechnology</i> , 2011 , 29, 1120-7	44.5	562
49	Colorectal cancer stem cells are enriched in xenogeneic tumors following chemotherapy. <i>PLoS ONE</i> , 2008 , 3, e2428	3.7	452
48	Cancer stem cells from human breast tumors are involved in spontaneous metastases in orthotopic mouse models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18115-20	11.5	351
47	Isolation and molecular characterization of cancer stem cells in MMTV-Wnt-1 murine breast tumors. <i>Stem Cells</i> , 2008 , 26, 364-71	5.8	244

46	Dysregulated gene expression networks in human acute myelogenous leukemia stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3396-401	11.5	219
45	Recent advances in cancer stem cells. <i>Current Opinion in Genetics and Development</i> , 2008 , 18, 48-53	4.9	186
44	Identification of a cKit(+) colonic crypt base secretory cell that supports Lgr5(+) stem cells in mice. <i>Gastroenterology</i> , 2012 , 142, 1195-1205.e6	13.3	181
43	Differential gene expression profiling of adult murine hematopoietic stem cells. <i>Blood</i> , 2002 , 99, 488-98	2.2	153
42	Colorectal Cancer Liver Metastasis: Evolving Paradigms and Future Directions. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017 , 3, 163-173	7.9	140
41	Long-term haematopoietic reconstitution by Trp53 ^{-/-} -p16Ink4a ^{-/-} -p19Arf ^{-/-} multipotent progenitors. <i>Nature</i> , 2008 , 453, 228-32	50.4	132
40	Single-cell transcriptional diversity is a hallmark of developmental potential. <i>Science</i> , 2020 , 367, 405-411	33.3	128
39	miR-142 regulates the tumorigenicity of human breast cancer stem cells through the canonical WNT signaling pathway. <i>ELife</i> , 2014 , 3,	8.9	128
38	Clinical and Therapeutic Implications of Cancer Stem Cells. <i>New England Journal of Medicine</i> , 2019 , 380, 2237-2245	59.2	120
37	Intravital multiphoton imaging reveals multicellular streaming as a crucial component of in vivo cell migration in human breast tumors. <i>Intravital</i> , 2013 , 2, e25294		117
36	Therapeutic implications of the cancer stem cell hypothesis. <i>Seminars in Radiation Oncology</i> , 2009 , 19, 78-86	5.5	109
35	A CD47-associated super-enhancer links pro-inflammatory signalling to CD47 upregulation in breast cancer. <i>Nature Communications</i> , 2017 , 8, 14802	17.4	101
34	A genetic determinant that specifically regulates the frequency of hematopoietic stem cells. <i>Journal of Immunology</i> , 2002 , 168, 635-42	5.3	91
33	Usp16 contributes to somatic stem-cell defects in Down's syndrome. <i>Nature</i> , 2013 , 501, 380-4	50.4	88
32	A cell-intrinsic role for TLR2-MYD88 in intestinal and breast epithelia and oncogenesis. <i>Nature Cell Biology</i> , 2014 , 16, 1238-48	23.4	85
31	A novel, conditionally replicative adenovirus for the treatment of breast cancer that allows controlled replication of E1a-deleted adenoviral vectors. <i>Human Gene Therapy</i> , 2000 , 11, 2009-24	4.8	63
30	A Quiescent Bcl11b High Stem Cell Population Is Required for Maintenance of the Mammary Gland. <i>Cell Stem Cell</i> , 2017 , 20, 247-260.e5	18	54
29	Self-renewal and solid-tumor stem cells. <i>Biology of Blood and Marrow Transplantation</i> , 2005 , 11, 14-6	4.7	50

28	A self-renewal assay for cancer stem cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2005 , 56 Suppl 1, 64-8	3.5	50
27	Control of inflammation by stromal Hedgehog pathway activation restrains colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7545-E7553	11.5	47
26	Molecular cloning and characterization of a novel regulator of G-protein signaling from mouse hematopoietic stem cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 915-23	5.4	45
25	Role of epithelial to mesenchymal transition associated genes in mammary gland regeneration and breast tumorigenesis. <i>Nature Communications</i> , 2017 , 8, 1669	17.4	36
24	Stromal activity coordinates a niche signaling program for mammary epithelial stem cells. <i>Science</i> , 2017 , 356,	33.3	32
23	Evaluation of a new dual-specificity promoter for selective induction of apoptosis in breast cancer cells. <i>Cancer Gene Therapy</i> , 2001 , 8, 298-307	5.4	28
22	Remodeling of endogenous mammary epithelium by breast cancer stem cells. <i>Stem Cells</i> , 2012 , 30, 2114-27	5.27	20
21	Influence of medium exchange schedules on metabolic, growth, and GM-CSF secretion rates of genetically engineered NIH-3T3 cells. <i>Biotechnology Progress</i> , 1991 , 7, 1-8	2.8	18
20	Chronic myelogenous leukemia--identifying the hydra's heads. <i>New England Journal of Medicine</i> , 2004 , 351, 634-6	59.2	14
19	Targeted chromatin ligation, a robust epigenetic profiling technique for small cell numbers. <i>Nucleic Acids Research</i> , 2017 , 45, e153	20.1	12
18	Targeting cancer cell death with a bcl-XS adenovirus. <i>Seminars in Immunopathology</i> , 1998 , 19, 279-88		10
17	Oncogenes, self-renewal and cancer. <i>Pathologie Et Biologie</i> , 2006 , 54, 109-11		9
16	The construction of high efficiency human bone marrow tissue ex vivo. <i>Journal of Cellular Biochemistry</i> , 1991 , 45, 268-72	4.7	9
15	Epigenetic regulation of normal and cancer stem cells. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1044, 90-3	6.5	8
14	What can we learn about breast cancer from stem cells?. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 617, 17-22	3.6	8
13	LEFTY1 Is a Dual-SMAD Inhibitor that Promotes Mammary Progenitor Growth and Tumorigenesis. <i>Cell Stem Cell</i> , 2020 , 27, 284-299.e8	18	4
12	Lost in translation: Review of identification bias, translation bias and research waste in dentistry. <i>Dental Materials</i> , 2016 , 32, 26-33	5.7	3
11	Stem cells, cancer, and cancer stem cells		3

10	Usp16 modulates Wnt signaling in primary tissues through Cdkn2a regulation. <i>Scientific Reports</i> , 2018 , 8, 17506	4.9	3
9	Serially transplantable mammary epithelial cells express the Thy-1 antigen. <i>Breast Cancer Research</i> , 2018 , 20, 121	8.3	3
8	CDK19 is a Regulator of Triple-Negative Breast Cancer Growth		2
7	Northstar enables automatic classification of known and novel cell types from tumor samples. <i>Scientific Reports</i> , 2020 , 10, 15251	4.9	2
6	Stem Cells, Cell Differentiation, and Cancer 2020 , 97-107.e5		2
5	Stem Cells, Cell Differentiation, and Cancer 2014 , 98-107.e3		1
4	LMO2 is critical for early metastatic events in breast cancer		1
3	Cancer Stem Cells 2009 , 467-483		0
2	Depletion of Trp53 and Cdkn2a Does Not Promote Self-Renewal in the Mammary Gland but Amplifies Proliferation Induced by TNF- α <i>Stem Cell Reports</i> , 2021 , 16, 228-236	8	0
1	Implications of Cancer Stem Cells for Tumor Metastasis 2009 , 443-453		0