

Sean P Mcdermott

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,032
citations

361413

20
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

5722
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast Cancer Stem Cells Transition between Epithelial and Mesenchymal States Reflective of their Normal Counterparts. <i>Stem Cell Reports</i> , 2014, 2, 78-91.	4.8	854
2	The transforming activity of Wnt effectors correlates with their ability to induce the accumulation of mammary progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4158-4163.	7.1	288
3	Targeting Breast Cancer Stem Cell State Equilibrium through Modulation of Redox Signaling. <i>Cell Metabolism</i> , 2018, 28, 69-86.e6.	16.2	284
4	Comparison of human cord blood engraftment between immunocompromised mouse strains. <i>Blood</i> , 2010, 116, 193-200.	1.4	248
5	Targeting breast cancer stem cells. <i>Molecular Oncology</i> , 2010, 4, 404-419.	4.6	170
6	Chelation of intracellular iron with the antifungal agent ciclopirox olamine induces cell death in leukemia and myeloma cells. <i>Blood</i> , 2009, 114, 3064-3073.	1.4	151
7	MicroRNA93 Regulates Proliferation and Differentiation of Normal and Malignant Breast Stem Cells. <i>PLoS Genetics</i> , 2012, 8, e1002751.	3.5	150
8	Drosophila Perlecan modulates FGF and Hedgehog signals to activate neural stem cell division. <i>Developmental Biology</i> , 2003, 253, 247-257.	2.0	148
9	Heterogeneity of Human Breast Stem and Progenitor Cells as Revealed by Transcriptional Profiling. <i>Stem Cell Reports</i> , 2018, 10, 1596-1609.	4.8	112
10	Sulforaphane enhances the anticancer activity of taxanes against triple negative breast cancer by killing cancer stem cells. <i>Cancer Letters</i> , 2017, 394, 52-64.	7.2	108
11	Inhibition of FAK kinase activity preferentially targets cancer stem cells. <i>Oncotarget</i> , 2017, 8, 51733-51747.	1.8	64
12	MicroRNA100 Inhibits Self-Renewal of Breast Cancer Stem-like Cells and Breast Tumor Development. <i>Cancer Research</i> , 2014, 74, 6648-6660.	0.9	59
13	High-Throughput Single-Cell Derived Sphere Formation for Cancer Stem-Like Cell Identification and Analysis. <i>Scientific Reports</i> , 2016, 6, 27301.	3.3	56
14	Transcriptomic profiling of curcumin-treated human breast stem cells identifies a role for stearyl-coa desaturase in breast cancer prevention. <i>Breast Cancer Research and Treatment</i> , 2016, 158, 29-41.	2.5	56
15	Role of microRNA221 in regulating normal mammary epithelial hierarchy and breast cancer stem-like cells. <i>Oncotarget</i> , 2015, 6, 3709-3721.	1.8	49
16	Elimination of epithelial-like and mesenchymal-like breast cancer stem cells to inhibit metastasis following nanoparticle-mediated photothermal therapy. <i>Biomaterials</i> , 2016, 104, 145-157.	11.4	39
17	FGFR signaling regulates resistance of head and neck cancer stem cells to cisplatin. <i>Oncotarget</i> , 2018, 9, 25148-25165.	1.8	39
18	A small molecule screening strategy with validation on human leukemia stem cells uncovers the therapeutic efficacy of kinetin riboside. <i>Blood</i> , 2012, 119, 1200-1207.	1.4	36

#	ARTICLE	IF	CITATIONS
19	Single cell dual adherent-suspension co-culture micro-environment for studying tumor-stromal interactions with functionally selected cancer stem-like cells. Lab on A Chip, 2016, 16, 2935-2945.	6.0	30
20	A quantitative proteomics analysis of MCF7 breast cancer stem and progenitor cell populations. Proteomics, 2015, 15, 3772-3783.	2.2	23
21	SMYD2 lysine methyltransferase regulates leukemia cell growth and regeneration after genotoxic stress. Oncotarget, 2017, 8, 16712-16727.	1.8	18
22	Syndecan-1 Is Expressed on a Subset of Hematopoietic Stem Cells and Affects Their Function and Susceptibility to Malignant Transformation.. Blood, 2005, 106, 1376-1376.	1.4	14
23	EMP2 Is a Novel Regulator of Stemness in Breast Cancer Cells. Molecular Cancer Therapeutics, 2020, 19, 1682-1695.	4.1	11
24	Single Amino Acid Variant Profiles of Subpopulations in the MCF-7 Breast Cancer Cell Line. Journal of Proteome Research, 2017, 16, 842-851.	3.7	10
25	Multiethnic PDX models predict a possible immune signature associated with TNBC of African ancestry. Breast Cancer Research and Treatment, 2021, 186, 391-401.	2.5	7
26	Breast tumors: of mice and women. Breast Cancer Research, 2010, 12, 108.	5.0	3
27	Abstract 1943: Exploring cancer stem cells heterogeneity via single cell multiplex gene expression analysis. , 2014, , .		2
28	Abstract LB-59: Distinct pathways differentiate the CD44+ mesenchymal-like from the ALDH+ epithelial-like phenotype of triple negative breast cancer stem cells. , 2014, , .		2
29	Abstract 3015: Annexin A3 is selectively expressed in MET-like as compared to EMT-like breast cancer stem cells. , 2014, , .		1
30	Genome-wide shRNA screening approach towards identification and characterization of therapy resistance determinants in leukemia. Experimental Hematology, 2013, 41, S20.	0.4	0
31	Identification and characterization of therapy resistance determinants in leukemia. Experimental Hematology, 2014, 42, S51.	0.4	0
32	Abstract 223: High-throughput drug discovery against breast cancer stem cells. , 2014, , .		0
33	Abstract LB-60: Targeting stem cells in triple negative breast cancer through combined MEK and AKT inhibition. , 2014, , .		0
34	Abstract PL03-03: Differences in breast cancer stem cell signaling and metabolic integration associated with African versus European ancestry. , 2014, , .		0
35	Abstract P6-11-06: VS-6063 (defactinib) and VS-4718 reduce cancer stem cells in models of breast cancer: Implications for clinical trials in the neoadjuvant setting. , 2015, , .		0