

Melanie J McConnell

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

5,020
citations

257450

24
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

12232
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Early epigenetic changes and DNA damage do not predict clinical response in an overlapping schedule of 5-azacytidine and entinostat in patients with myeloid malignancies. <i>Blood</i> , 2009, 114, 2764-2773.	1.4	259
3	Aberrant Eukaryotic Translation Initiation Factor 4E-Dependent mRNA Transport Impedes Hematopoietic Differentiation and Contributes to Leukemogenesis. <i>Molecular and Cellular Biology</i> , 2003, 23, 8992-9002.	2.3	198
4	Growth Suppression by Acute Promyelocytic Leukemia-Associated Protein PLZF Is Mediated by Repression of c-myc Expression. <i>Molecular and Cellular Biology</i> , 2003, 23, 9375-9388.	2.3	120
5	Histone Acetyltransferase Activity of p300 Is Required for Transcriptional Repression by the Promyelocytic Leukemia Zinc Finger Protein. <i>Molecular and Cellular Biology</i> , 2005, 25, 5552-5566.	2.3	99
6	Side Population is Not Necessary or Sufficient for a Cancer Stem Cell Phenotype in Glioblastoma Multiforme. <i>Stem Cells</i> , 2011, 29, 452-461.	3.2	97
7	Promyelocytic Leukemia Zinc Finger Protein Regulates Interferon-Mediated Innate Immunity. <i>Immunity</i> , 2009, 30, 802-816.	14.3	88
8	Pharmacological concentrations of ascorbate radiosensitize glioblastoma multiforme primary cells by increasing oxidative DNA damage and inhibiting G2/M arrest. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1486-1493.	2.9	75
9	Th2 responses are primed by skin dendritic cells with distinct transcriptional profiles. <i>Journal of Experimental Medicine</i> , 2017, 214, 125-142.	8.5	69
10	Horizontal transfer of mitochondria between mammalian cells: beyond co-culture approaches. <i>Current Opinion in Genetics and Development</i> , 2016, 38, 75-82.	3.3	68
11	AML-1/ETO fusion protein is a dominant negative inhibitor of transcriptional repression by the promyelocytic leukemia zinc finger protein. <i>Blood</i> , 2000, 96, 3939-3947.	1.4	59
12	Differential regulation of the human Wilms tumour suppressor gene (WT1) promoter by two isoforms of PAX2. <i>Oncogene</i> , 1997, 14, 2689-2700.	5.9	58
13	Comprehensive genomic screens identify a role for PLZF-RAR α as a positive regulator of cell proliferation via direct regulation of c-MYC. <i>Blood</i> , 2009, 114, 5499-5511.	1.4	53
14	The acute promyelocytic leukemia-associated protein, promyelocytic leukemia zinc finger, regulates 1,25-dihydroxyvitamin D $_3$ -induced monocytic differentiation of U937 cells through a physical interaction with vitamin D $_3$ receptor. <i>Blood</i> , 2001, 98, 3290-3300.	1.4	52
15	Vaccination with Irradiated Tumor Cells Pulsed with an Adjuvant That Stimulates NKT Cells Is an Effective Treatment for Glioma. <i>Clinical Cancer Research</i> , 2012, 18, 6446-6459.	7.0	47
16	Mitochondrial Transfer from Astrocytes to Neurons following Ischemic Insult: Guilt by Association?. <i>Cell Metabolism</i> , 2016, 24, 376-378.	16.2	43
17	The Flt3 internal tandem duplication mutant inhibits the function of transcriptional repressors by blocking interactions with SMRT. <i>Blood</i> , 2004, 103, 4650-4658.	1.4	42
18	Enhanced immunosuppression by therapy-exposed glioblastoma multiforme tumor cells. <i>International Journal of Cancer</i> , 2015, 136, 2566-2578.	5.1	38

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19	The Mincle ligand trehalose dibehenate differentially modulates M1-like and M2-like macrophage phenotype and function via Syk signaling. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 503-514.	2.7	36
20	Epigenetic regulation of Th2 cytokine expression in atopic diseases. <i>Tissue Antigens</i> , 2008, 72, 91-97.	1.0	34
21	The Effects of the Fanconi Anemia Zinc Finger (FAZF) on Cell Cycle, Apoptosis, and Proliferation Are Differentiation Stage-specific. <i>Journal of Biological Chemistry</i> , 2002, 277, 26327-26334.	3.4	33
22	Transcriptional Profiling of Polycythemia Vera Identifies Gene Expression Patterns Both Dependent and Independent from the Action of JAK2V617F. <i>Clinical Cancer Research</i> , 2010, 16, 4339-4352.	7.0	31
23	Pharmacological Doses of Daily Ascorbate Protect Tumors from Radiation Damage after a Single Dose of Radiation in an Intracranial Mouse Glioma Model. <i>Frontiers in Oncology</i> , 2014, 4, 356.	2.8	29
24	Novel functional interaction between Na ⁺ /H ⁺ exchanger 1 and tyrosine phosphatase SHP-2. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R2406-R2416.	1.8	28
25	Glioblastoma cells negative for the anti-CD133 antibody AC133 express a truncated variant of the CD133 protein. <i>International Journal of Molecular Medicine</i> , 2010, 25, 883-8.	4.0	25
26	High Dose Ascorbate Causes Both Genotoxic and Metabolic Stress in Glioma Cells. <i>Antioxidants</i> , 2017, 6, 58.	5.1	23
27	Radiosensitisation by pharmacological ascorbate in glioblastoma multiforme cells, human glial cells, and HUVECs depends on their antioxidant and DNA repair capabilities and is not cancer specific. <i>Free Radical Biology and Medicine</i> , 2014, 74, 200-209.	2.9	22
28	A combination of tyrosine kinase inhibitors, crizotinib and dasatinib for the treatment of glioblastoma multiforme. <i>Oncotarget</i> , 2015, 6, 37948-37964.	1.8	22
29	Perfluorocarbon emulsions radiosensitise brain tumors in carbogen breathing mice with orthotopic GL261 gliomas. <i>PLoS ONE</i> , 2017, 12, e0184250.	2.5	16
30	Iterative sorting reveals CD133+ and CD133- melanoma cells as phenotypically distinct populations. <i>BMC Cancer</i> , 2016, 16, 726.	2.6	15
31	The novel phloroglucinol PMT7 kills glycolytic cancer cells by blocking autophagy and sensitizing to nutrient stress. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1869-1879.	2.6	13
32	Targeted inhibition of dominant PI3-kinase catalytic isoforms increase expression of stem cell genes in glioblastoma cancer stem cell models. <i>International Journal of Oncology</i> , 2016, 49, 207-216.	3.3	13
33	Sphere formation reverses the metastatic and cancer stem cell phenotype of the murine mammary tumour 4T1, independently of the putative cancer stem cell marker Sca-1. <i>Cancer Letters</i> , 2012, 323, 20-28.	7.2	12
34	Post transcriptional control of the epigenetic stem cell regulator PLZF by sirtuin and HDAC deacetylases. <i>Epigenetics and Chromatin</i> , 2015, 8, 38.	3.9	11
35	Extracellular vesicles and immune modulation. <i>Immunology and Cell Biology</i> , 2018, 96, 681-682.	2.3	11
36	Ascorbate Combination Therapy: New Tool in the Anticancer Toolbox?. <i>Science Translational Medicine</i> , 2014, 6, 222fs6.	12.4	10

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37	MSU Crystals Enhance TDB-Mediated Inflammatory Macrophage IL-1 β Secretion. <i>Inflammation</i> , 2019, 42, 1129-1136.	3.8	10
38	The oncogene BCL6 is up-regulated in glioblastoma in response to DNA damage, and drives survival after therapy. <i>PLoS ONE</i> , 2020, 15, e0231470.	2.5	10
39	Anti-Leukemic Activity of Ubiquinone-Based Compounds Targeting Trans-plasma Membrane Electron Transport. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3168-3176.	6.4	6
40	The coadministration of trehalose dibehenate and monosodium urate crystals promotes an antitumor phenotype in human α -derived myeloid cells. <i>Immunology and Cell Biology</i> , 2020, 98, 411-422.	2.3	6
41	The Big Picture of Glioblastoma Malignancy: A Meta-Analysis of Glioblastoma Proteomics to Identify Altered Biological Pathways. <i>ACS Omega</i> , 2021, 6, 24535-24544.	3.5	6
42	N,N-Bis(glycyl)amines as anti-cancer drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3932-3939.	3.0	5
43	How epigenetic imprinting contributes to stabilizing the Th2 phenotype. <i>Immunology and Cell Biology</i> , 2012, 90, 917-918.	2.3	3
44	Myelodysplastic Syndrome (MDS) Displays Profound and Functionally Significant Epigenetic Deregulation Compared to Acute Myeloid Leukemia (AML) and Normal Bone Marrow Cells.. <i>Blood</i> , 2007, 110, 345-345.	1.4	2
45	The Transcriptional Profile of PV Displays Limited Similarity to EPO Stimulated Progenitor Cells: Evidence That JAK2 V617F Confers a Novel Program to Malignant Hematopoietic Stem Cells.. <i>Blood</i> , 2005, 106, 120-120.	1.4	1
46	Autophagy Researchers. <i>Autophagy</i> , 2012, 8, 1006-1008.	9.1	0
47	Comprehensive Genomic Screens Reveal Multiple Modes of Action of the PLZF-RAR α Oncoprotein. <i>Blood</i> , 2008, 112, 686-686.	1.4	0
48	PLZF-RAR α Utilizes the Histone Methyl Transferase G9a/GLP and the Histone Demethylase LSD1 to Repress RAR α Target Genes and Block Myeloid Differentiation. <i>Blood</i> , 2008, 112, 198-198.	1.4	0