

# Michael W Mcburney

## List of Publications by Year in Descending Order

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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.

43  
papers

2,632  
citations

26  
h-index

43  
g-index

43  
ext. papers

2,990  
ext. citations

5.3  
avg, IF

4.32  
L-index

#	Paper	IF	Citations
43	Resveratrol Inhibits Neointimal Growth after Arterial Injury in High-Fat-Fed Rodents: The Roles of SIRT1 and AMPK. <i>Journal of Vascular Research</i> , <b>2020</b> , 57, 325-340	1.9	2
42	Unconventional Secretion of Adipocyte Fatty Acid Binding Protein 4 Is Mediated By Autophagic Proteins in a Sirtuin-1-Dependent Manner. <i>Diabetes</i> , <b>2019</b> , 68, 1767-1777	0.9	16
41	Modulating SIRT1 activity variously affects thymic lymphoma development in mice. <i>Experimental Cell Research</i> , <b>2018</b> , 371, 83-91	4.2	1
40	Contribution of NK cells to immunotherapy mediated by PD-1/PD-L1 blockade. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 4654-4668	15.9	355
39	Methionine metabolism is essential for SIRT1-regulated mouse embryonic stem cell maintenance and embryonic development. <i>EMBO Journal</i> , <b>2017</b> , 36, 3175-3193	13	39
38	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 2783-2790	6.9	25
37	Reversible modulation of SIRT1 activity in a mouse strain. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173002	3.7	7
36	Ablation of systemic SIRT1 activity promotes nonalcoholic fatty liver disease by affecting liver-mesenteric adipose tissue fatty acid mobilization. <i>FASEB Journal</i> , <b>2017</b> , 31, 458.1	0.9	
35	Loss of Sirt1 promotes prostatic intraepithelial neoplasia, reduces mitophagy, and delays PARK2 translocation to mitochondria. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 266-79	5.8	42
34	Sirt1-deficiency causes defective protein quality control. <i>Scientific Reports</i> , <b>2015</b> , 5, 12613	4.9	16
33	The deacetylase Sirt1 is an essential regulator of Aire-mediated induction of central immunological tolerance. <i>Nature Immunology</i> , <b>2015</b> , 16, 737-45	19.1	59
32	SIRT1-mediated deacetylation of CRABP II regulates cellular retinoic acid signaling and modulates embryonic stem cell differentiation. <i>Molecular Cell</i> , <b>2014</b> , 55, 843-855	17.6	44
31	Modulation of tumorigenesis by dietary intervention is not mediated by SIRT1 catalytic activity. <i>PLoS ONE</i> , <b>2014</b> , 9, e112406	3.7	2
30	The SIRT1 deacetylase protects mice against the symptoms of metabolic syndrome. <i>FASEB Journal</i> , <b>2014</b> , 28, 1306-16	0.9	63
29	SIRT1 but not its increased expression is essential for lifespan extension in caloric-restricted mice. <i>Aging Cell</i> , <b>2014</b> , 13, 193-6	9.9	87
28	SIRT1 is a Highly Networked Protein That Mediates the Adaptation to Chronic Physiological Stress. <i>Genes and Cancer</i> , <b>2013</b> , 4, 125-34	2.9	44
27	SIRT1 catalytic activity has little effect on tumor formation and metastases in a mouse model of breast cancer. <i>PLoS ONE</i> , <b>2013</b> , 8, e82106	3.7	11

26	Sirtuin 1 in immune regulation and autoimmunity. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 6-13	5	59
25	Sirt1 catalytic activity is required for male fertility and metabolic homeostasis in mice. <i>FASEB Journal</i> , <b>2012</b> , 26, 555-66	0.9	44
24	Disruption of Igfbp1 fails to rescue the phenotype of Sirt1 <sup>-/-</sup> mice. <i>Experimental Cell Research</i> , <b>2010</b> , 316, 2189-93	4.2	2
23	sirt1-null mice develop an autoimmune-like condition. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 3069-74	4.2	108
22	Sirt1 regulates energy metabolism and response to caloric restriction in mice. <i>PLoS ONE</i> , <b>2008</b> , 3, e17593	3.7	355
21	Sirt1 interacts with transducin-like enhancer of split-1 to inhibit nuclear factor kappaB-mediated transcription. <i>Biochemical Journal</i> , <b>2007</b> , 408, 105-11	3.8	67
20	The mammalian SIR2alpha protein has a role in embryogenesis and gametogenesis. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 38-54	4.8	516
19	The absence of SIR2alpha protein has no effect on global gene silencing in mouse embryonic stem cells. <i>Molecular Cancer Research</i> , <b>2003</b> , 1, 402-9	6.6	65
18	Evidence for repeat-induced gene silencing in cultured Mammalian cells: inactivation of tandem repeats of transfected genes. <i>Experimental Cell Research</i> , <b>2002</b> , 274, 1-8	4.2	78
17	Reexpression of a cluster of silenced transgenes is associated with their rearrangement. <i>Genes Chromosomes and Cancer</i> , <b>2001</b> , 32, 311-23	5	11
16	DNA methylation pattern of a tandemly repeated LacZ transgene indicates that most copies are silent. <i>Developmental Dynamics</i> , <b>1999</b> , 215, 126-38	2.9	17
15	A role for RNA processing in regulating expression from transfected genes. <i>Somatic Cell and Molecular Genetics</i> , <b>1998</b> , 24, 203-15		6
14	Absence of p53-dependent cell cycle regulation in pluripotent mouse cell lines. <i>Oncogene</i> , <b>1998</b> , 16, 3003-11	3.1	38
13	Male infertility caused by epididymal dysfunction in transgenic mice expressing a dominant negative mutation of retinoic acid receptor alpha 1. <i>Biology of Reproduction</i> , <b>1997</b> , 56, 985-90	3.9	43
12	Genes transfected into embryonal carcinoma stem cells are both lost and inactivated at high frequency. <i>Somatic Cell and Molecular Genetics</i> , <b>1996</b> , 22, 383-92		7
11	Glutamate receptor-mediated calcium surges in neurons derived from P19 cells. <i>Journal of Neurochemistry</i> , <b>1995</b> , 65, 1093-9	6	15
10	Murine PGK-1 promoter drives widespread but not uniform expression in transgenic mice. <i>Developmental Dynamics</i> , <b>1994</b> , 200, 278-93	2.9	51
9	Retinoids and cancer: a basis for differentiation therapy. <i>Cancer Investigation</i> , <b>1993</b> , 11, 590-8	2.1	31

8	X chromosome inactivation: the feminine mystique continues. <i>BioEssays</i> , <b>1993</b> , 15, 825-6	4.1	8
7	Physiological and clinical aspects of vitamin A and its metabolites. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>1992</b> , 29, 185-215	9.4	31
6	Polymorphisms in the coding and noncoding regions of murine Pgk-1 alleles. <i>Biochemical Genetics</i> , <b>1990</b> , 28, 299-308	2.4	94
5	Smooth muscle actin expression during P19 embryonal carcinoma differentiation in cell culture. <i>Journal of Cellular Physiology</i> , <b>1990</b> , 142, 89-98	7	46
4	Polymorphisms in the coding and noncoding regions of murinePgk-1 alleles. <i>Biochemical Genetics</i> , <b>1990</b> , 28, 299-308	2.4	2
3	X chromosome inactivation: a hypothesis. <i>BioEssays</i> , <b>1988</b> , 9, 85-8	4.1	26
2	The family of mouse phosphoglycerate kinase genes and pseudogenes. <i>Somatic Cell and Molecular Genetics</i> , <b>1988</b> , 14, 69-81		44
1	The role of aggregation in embryonal carcinoma cell differentiation. <i>Journal of Cellular Physiology</i> , <b>1987</b> , 131, 74-84	7	55